

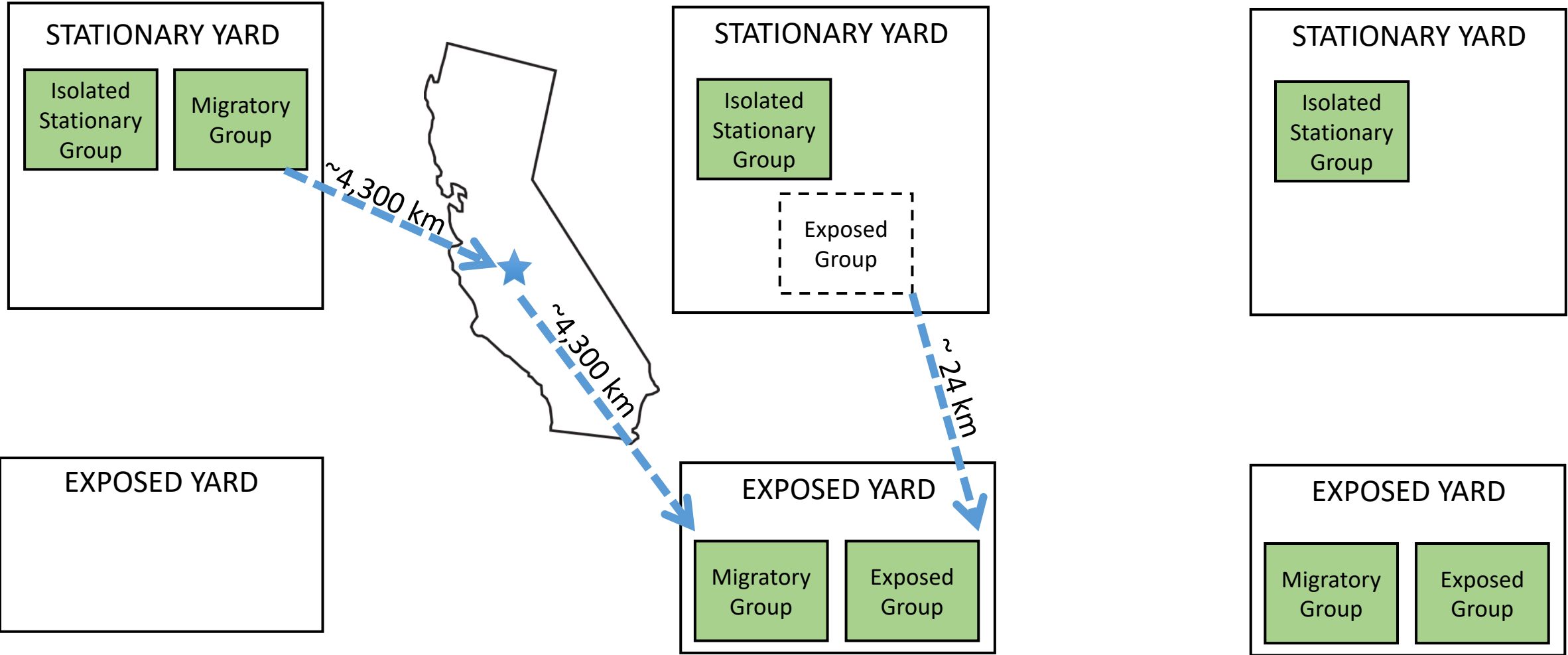
Sampling Event 1

Sampling Event 2


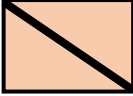
(when migratory group returned)

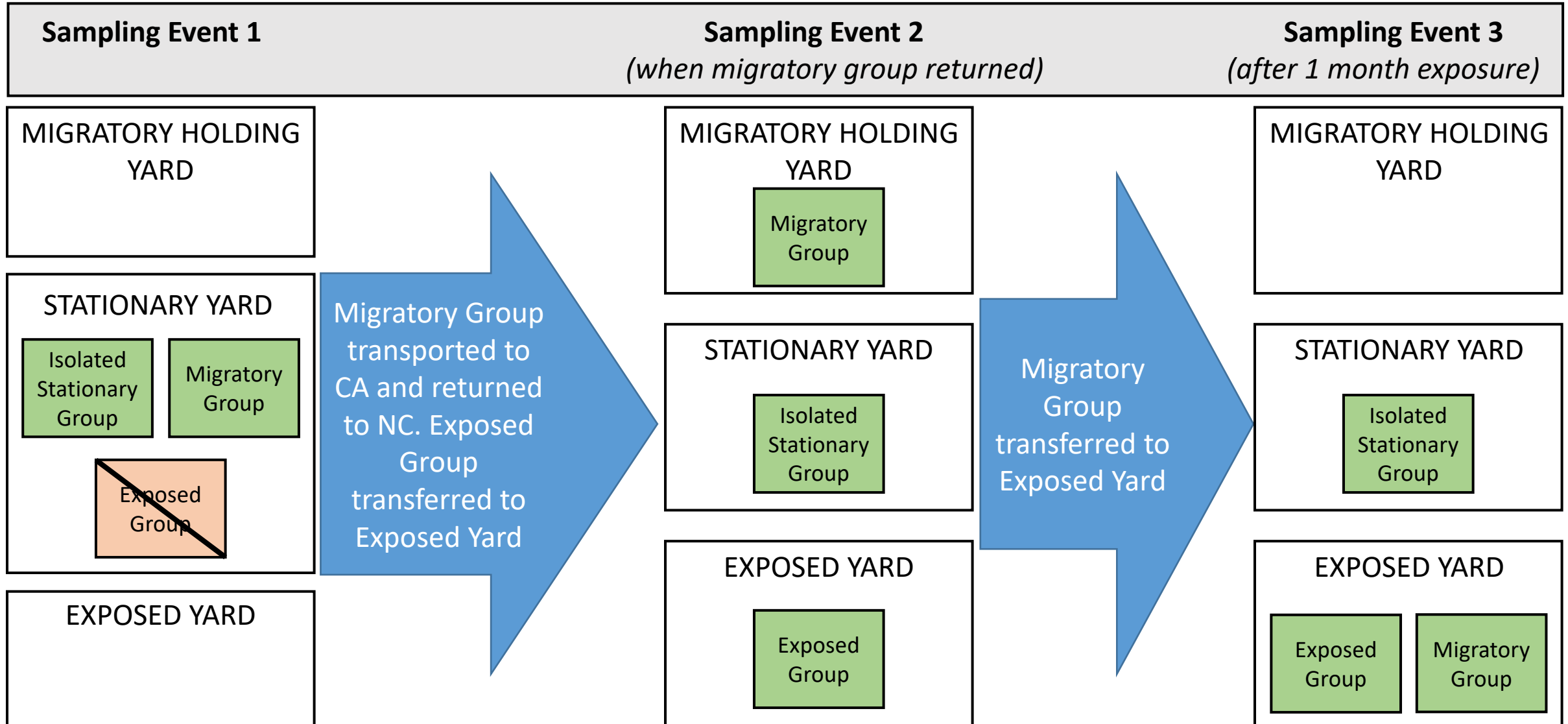
Sampling Event 3

(after 1 month exposure)



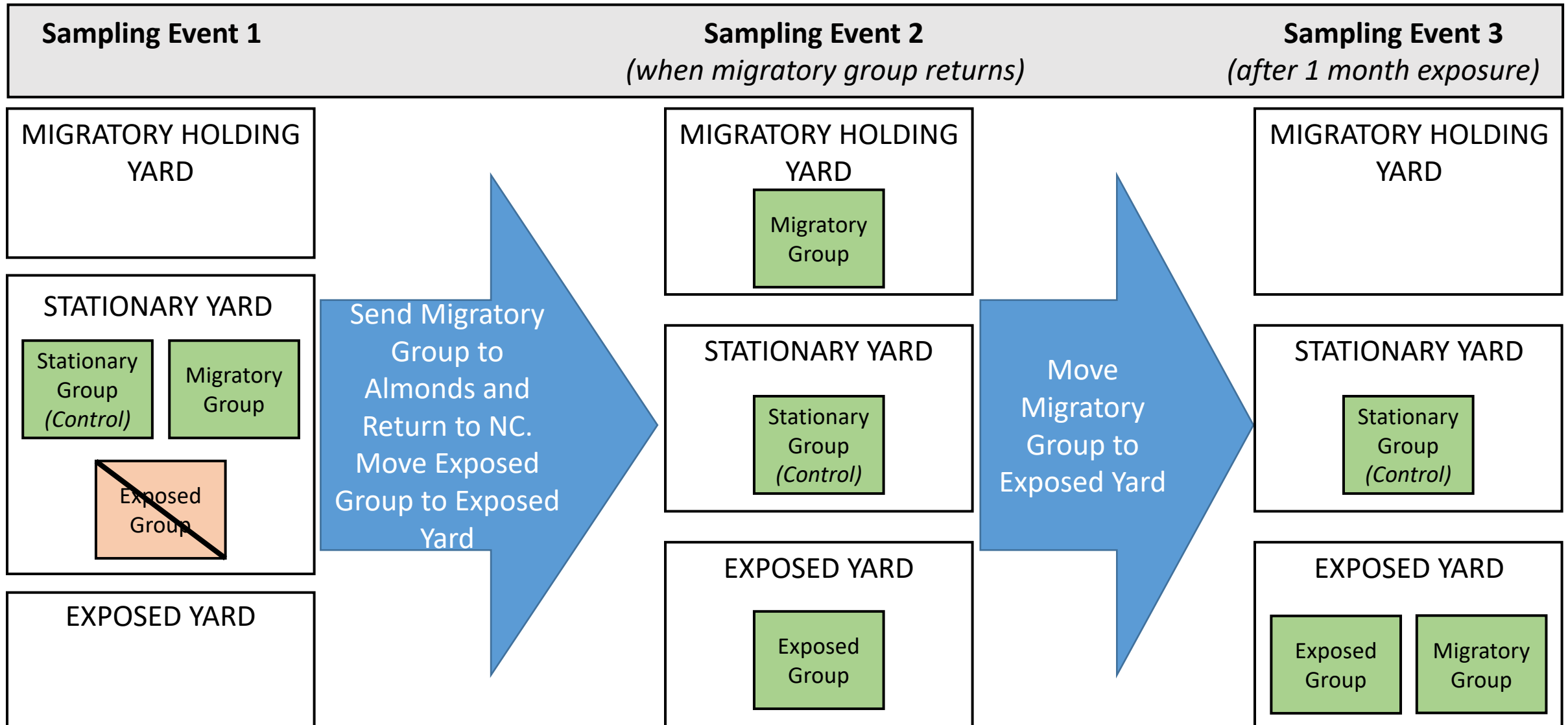
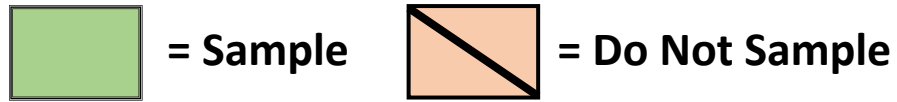
Experimental Design for Migratory/Stationary Honey Bee Experiment

 = Sampled  = Not Sampled



Schematic showing experimental design. Three sampling events occurred during the experiment. Green boxes represent each group of 16 hives sampled during the specified sampling event. Slashed red boxes represent each group of 16 hives not sampled during that sampling event. Three experimental groups (Isolated Stationary Group, Migratory Group, and Exposed Group) are spread across three separate yards throughout the experiment: The Stationary Yard (where all groups begin and the Isolated Stationary Group remains for the duration of the experiment), the Migratory Holding Yard (where the Migratory Group is temporarily brought upon return from CA for sampling event 2), and the Exposed Yard (where the Exposed Group is exposed to the Migratory Group). Arrows represent tasks that occurred between each sampling event.

Experimental Design for Migratory/Stationary Honey Bee Experiment



Schematic showing experimental design. Three sampling events occur during the experiment. Green boxes represent each group of 16 hives sampled during the specified sampling event. Slashed red boxes represent each group of 16 hives not sampled during that sampling event. Three experimental groups (Stationary Group [control], Migratory Group, and Exposed Group) are spread across three separate yards throughout the experiment: The Stationary Yard (where all groups begin and the Stationary Group remains for the duration of the experiment), the Migratory Holding Yard (where the Migratory Group is temporarily brought upon return from CA for sampling event 2), and the Exposed Yard (where the Exposed Group is exposed to the Migratory Group). Arrows represent beekeeper tasks that occur between each sampling event.