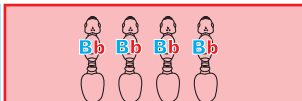


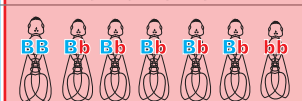
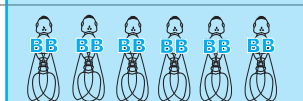
# Typical Colonies

Monogyne
Polygyne

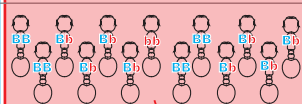
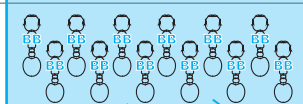
Queen(s)



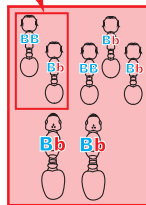
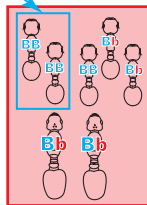
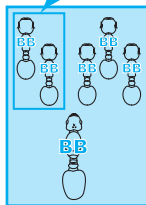
Gynes



Workers

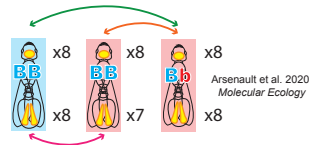


Cross-fostering Units



## Experimental Samples

Collected departing on Mating Flight



Arsenault et al. 2020  
Molecular Ecology

### Comparisons

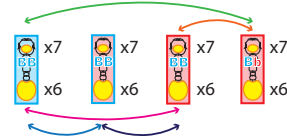
Direct Genetic Effects

Indirect Genetic Effects

Direct + Indirect Genetic Effects

Egg -> Pupae Indirect Genetic Effects

Pupae -> 14d Adult Indirect Genetic Effects



Collected as 14 day-old Adults