

## CHAPTER - 3

### HYPOTHESES

To accomplish the objectives of this research following hypotheses were tested.

**(i). Hypothesis-I:**

H<sub>0</sub>: Colonies of *A. dorsata* seasonally occupying the same nest site in subsequent are genetically related.

H<sub>A</sub>: Colonies of *A. dorsata* seasonally occupying the same nest site in subsequent are genetically not related.

**(ii). Hypothesis-II:**

H<sub>0</sub>: Aggregated colonies of *A. dorsata* on a single support are genetically related.

H<sub>A</sub>: Aggregated colonies of *A. dorsata* on a single support are genetically not related.

**(iii). Hypothesis-III:**

H<sub>0</sub>: Colonies of *A. dorsata* are migrated due to lack of floral resources and adverse environmental factors.

H<sub>A</sub>: Colonies of *A. dorsata* are not migrated due to lack of floral resources and adverse environmental factors.