



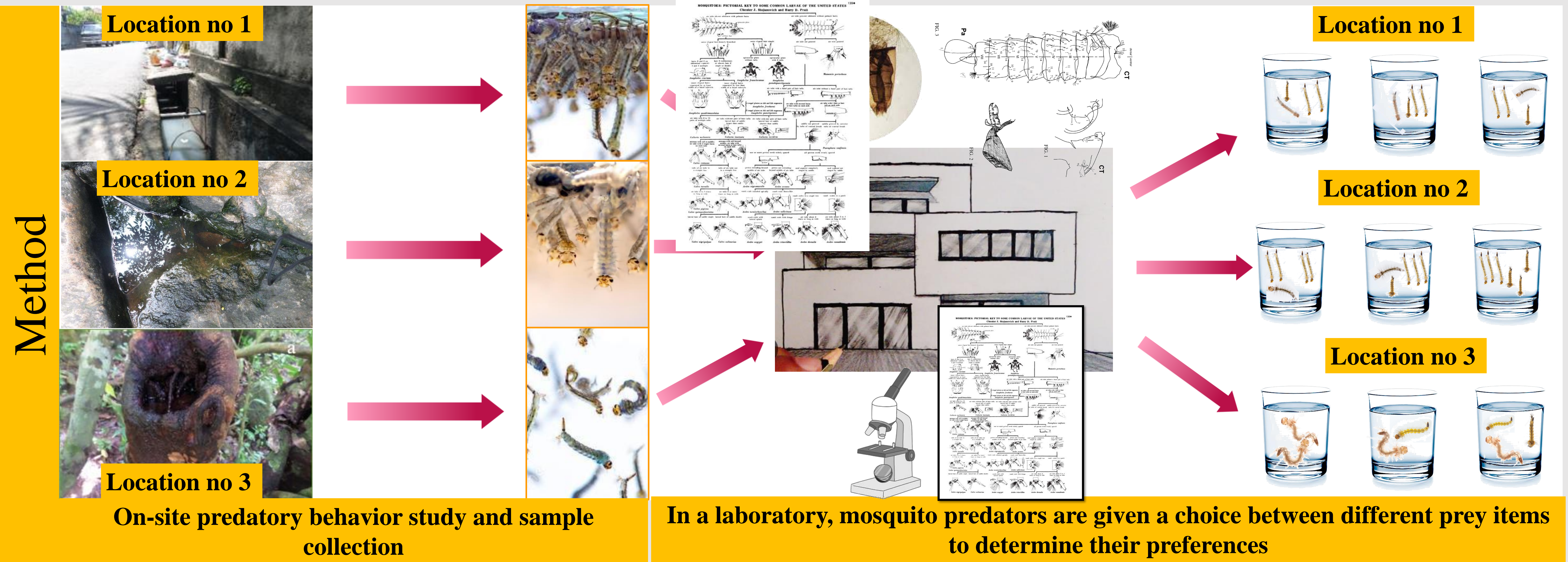
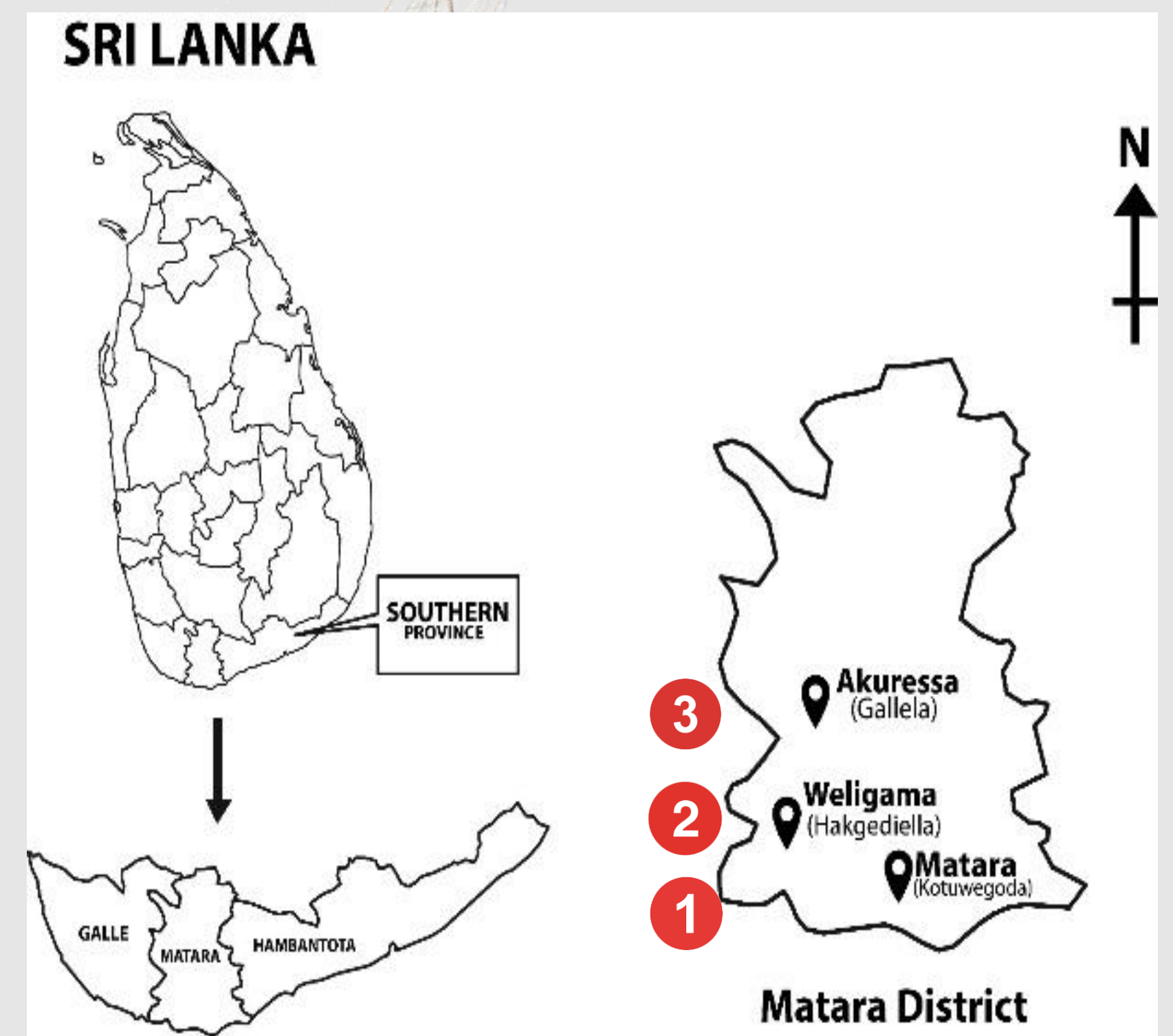
# IDENTIFICATION OF PREDATORY MOSQUITOES AND ASSOCIATED VECTOR MOSQUITO LARVAE IN MATARA DISTRICT, SRI LANKA

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## Introduction

- Mosquitoes are cosmopolitanly important insects, not just as nuisance biters but also as carriers of deadly illnesses
- Larval and pupal stages of the life cycle are frequent in most tropical and temperate aquatic bodies
- The use of insect predators in mosquito control has been explored to a limited extent, and more research and development are required.
- It is interesting to consider using mosquito species to control the population of other mosquitoes



## PREDATORY MOSQUITOES LARVAE AND THEIR AND THEIR CONSORTIUM SPECIES

Family Culicidae  
Order Diptera

### *Lutzia vorex* and *Lutzia tigripes*

- *Anopheles karwari*
- *Aedes japonicus*
- *Culex paioji*
- *Culex barraudu*

### *Lutzia fuscanus*



- *Culex edwardsi*
- *Anopheles lindesayi japonicus*
- *Culex Infantilus*

### *Lutzia fuscanus*

- *Culex quinquefasciatus*



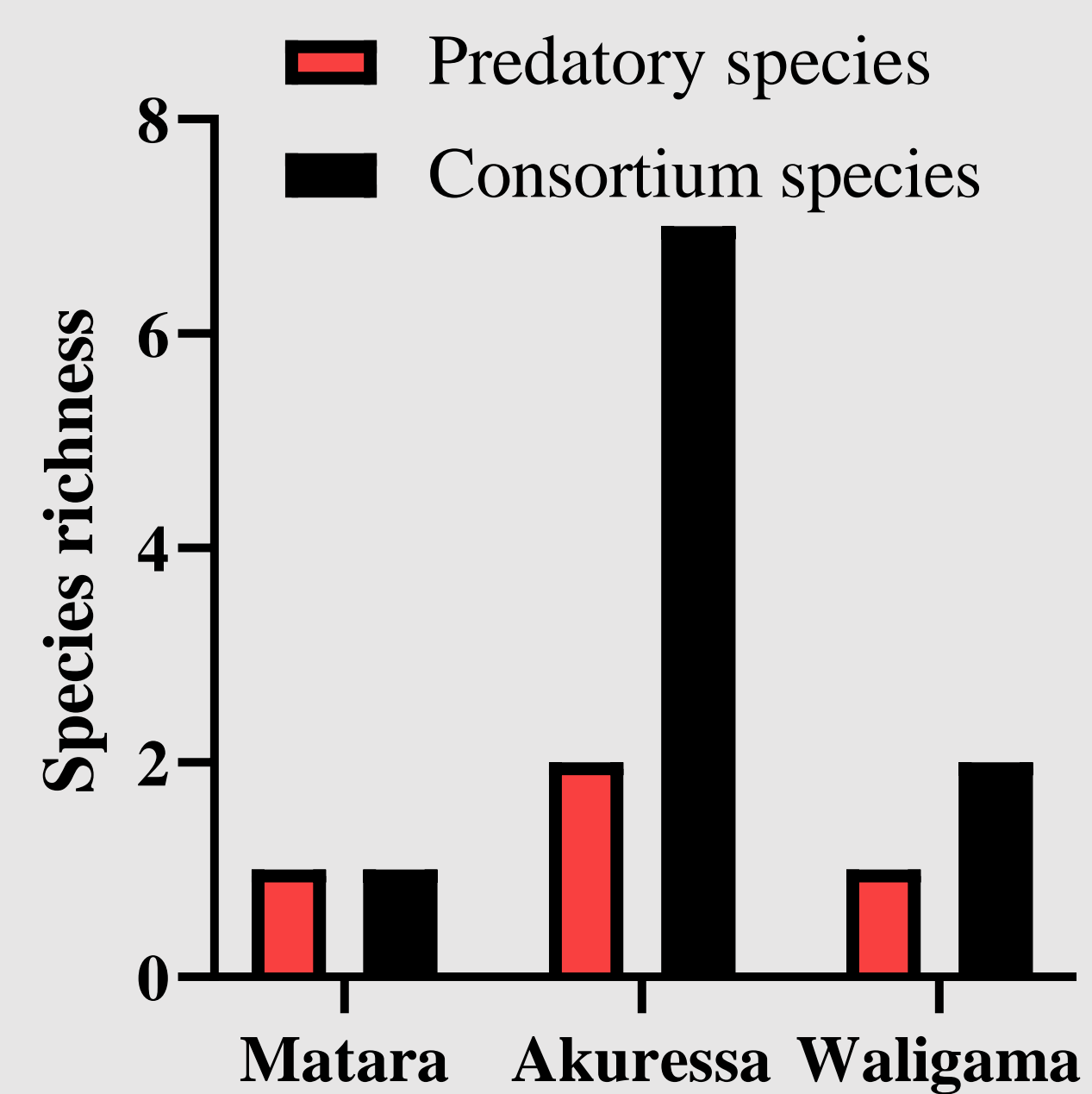
### *Lutzia fuscanus*

### *Toxorhynchites* sp.

- *Aedes vittatus*
- *Culex lophoseromia*
- *Culex demissus*



### *Toxorhynchites* sp.



## Conclusion

- Present study indicates the presence of predatory mosquitoes in Matara District.
- They can be used to control certain vector mosquitoes without using chemical insecticides.
- However this study requires further field studies to confirm their efficacy under large scale vector controlling programs.

Results