

Photographs of all traps. Photos are indexed to the captions in Fig. 2–4 and to the text.

Labels provide the type of configuration (Vertical, Horizontal, Both) with specific details on the type of material used for the horizontal shelf (transparent white netting, blue, black or turquoise fabric), and the material or coloured shiny ball used as an inner baffle.

The experiment(s) in which each prototype was tested are also indexed in Table 2.



S1A: Standard Nzi trap used as a control
Phthalogen blue type IF3GM
Experiments HO – H3, F5 – F6, P1 – P3



S1B: Standard Pyramidal Trap
Phthalogen blue type IF3GM
Tested for *Stomoxys* in Experiment F5

Experiments H1, H2 (Home)



S1C: Vertical configuration
Phthalogen blue
Netting shelf, blue baffle
Experiments H1, H2, also F5, F6
Turquoise variation tested in F1



S1D: Horizontal configuration
Phthalogen blue
Blue shelf, netting baffle
Experiments H1, H2, also F5, F6
Turquoise variation tested in F3
Photo taken at the farm late season



S1E: Both configuration
Phthalogen blue
Single sloping blue shelf
Experiment H1



S1F: Variation in Experiment H2
Clear vinyl was attached to the front of the
cone in each experimental trap, the Nzi
standard trap did not have this attachment
Note the specular reflectance

Experiment H3



S1G: Both configuration
Phthalogen blue
Single shallow sloping blue shelf
Shiny black ball in place of inner baffle
Experiment H3



S1H: Both configuration
Phthalogen blue
Blue shelf, blue baffle
Experiments H3, F5, F6
Turquoise variation tested in F3, F4



S1I: Both configuration
Phthalogen blue
Blue shelf
Shiny blue ball in place of inner baffle
Experiment H3



S1J: Closeup of the shiny blue ball on a sunny afternoon showing specular reflection

Experiment F1 (Farm)



S1K: Standard Nzi trap
Phthalogen turquoise custom dyed
Experiments F1 – F4
Photo taken mid-season at end of F2



S1L: Vertical configuration
Netting shelf, turquoise baffle
Experiment F1

Experiment F2



S1M: Both configuration
Turquoise shelf, turquoise baffle
Triangular entrance
Experiment F2



S1N: Both configuration
Black shelf, black baffle
Turquoise sides at top
Experiment F2



S1O: Both configuration
Turquoise shelf, black baffle
Labelled Vertical black
Experiment F2



S1P: Both configuration
Black shelf, turquoise baffle
Labelled Horizontal black
Experiment F2

Experiment F3



S1Q: Both configuration
Turquoise shelf, black ball
Triangular entrance
Experiment F3



S1R: Vertical configuration
Netting shelf, turquoise baffle
Turquoise sides at top
Experiment F3



S1S: Both configuration
Turquoise shelf, turquoise baffle
Experiment F3



S1T: Horizontal configuration
Turquoise shelf, netting baffle
Experiment F3

Experiment F4 (continued on next page)



S1U: Both configuration
Turquoise shelf, turquoise baffle
Experiment F4



S1V: Both configuration (evening)
Turquoise shelf, turquoise baffle
Sunflag polyester / viscose fabric
Upper shelf is transparent PVC
Experiment F4



S1W: Both configuration
Turquoise shelf, blue ball
Triangular entrance
Experiment F4



S1X: Vertical configuration
Netting shelf, blue ball
Experiment F4

Experiment F4 (continued)



S1Y: Trap S1V on a cool morning showing condensation on the PVC

Experiments F5 & F6



S1Z: Both configuration
Phthalogen blue trap
Blue shelf, blue baffle
Experiment F5, F6



S1AA: Vertical configuration
Phthalogen blue trap
Netting shelf, blue baffle
Experiment F5, F6



S1AB: Horizontal configuration
Phthalogen blue trap
Blue shelf, netting baffle
Experiment F5, F6



S1AC: Both configuration
Turquoise shelf, black ball
Sunflag polyester / viscose fabric
Triangular entrance
Experiment F5

Experiment P1 at the Farm with a Plexiglas trap



S1AD: Vertical configuration
Netting shelf, blue Plexiglas baffle
Black ground-level Plexiglas target
present on alternate days
Experiment P1



S1AE: Trap S1Z without black
ground-level target



S1AF: Collection system used to separate low-
and high-flying tabanids with two cones



S1AG: Closeup of entrance area

Experiment P2 & P3 at the Farm with a Plexiglas trap



S1AH: Both configuration
Blue Plexiglas shelf, blue Plexiglas baffle
Black ground-level Plexiglas target
Normal blue shelf at top front of trap
Black ground target used throughout
Experiment P2, P3



S1AI: Trap S1AH with transparent Plexiglas
shelf at top front of trap; this was rotated on
alternate days with a normal blue shelf



S1AJ: Closeup of entrance area for trap S1AH



S1AK: Closeup of entrance area for trap S1AI