Graph3

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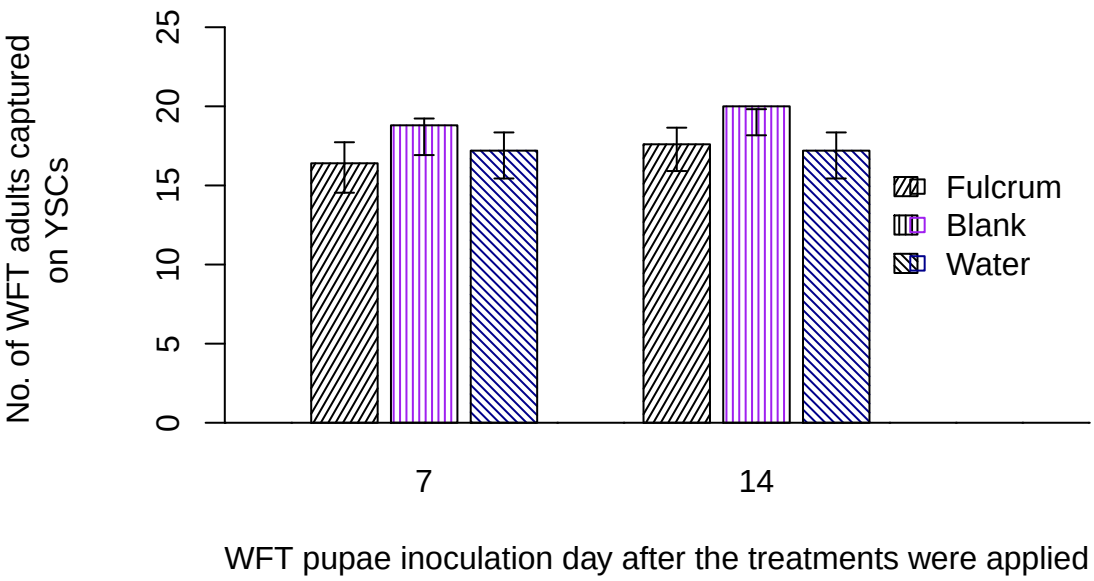
library(readxl)
Data3 <- read_excel("/Users/congxingzhu/Desktop/Congxing Project/Data-Appendix 3.xls")
Data3 <- na.omit(Data3)
Data3 <- Data3[-1, ]
row.names(Data3) <- c()
R <- rep(1:5, length = 30)
TR <- rep(1:3, each = 5, length = 30)
D <- rep(c(7, 14), each = 15, length = 30)
N <- rep(20, length = 30)
W <- c(Data3$X__6)
Data4 <- data.frame(Day = D, Tre = TR, Rep = R, Num = N, WFT = W)
Data4$WFT <- as.numeric(as.character(Data4$WFT))
a <- aggregate(WFT ~ Tre + Day, FUN = mean, data = Data4)
par(mar = c(6, 6, 6, 2) + 0.1)
vv <- barplot(a$WFT, density = c(30, 30, 30), angle = c(60, 90, 135), col = c("black",
    "purple", "darkblue"), space = c(0.3, 0.2, 0.2, 1.6, 0.2, 0.2), cex.axis = 1.2,
    cex.names = 1.2, ylim = c(0, 25), ylab = "No. of WFT adults captured \n on YSCs",
    xlab = "WFT pupae inoculation day after the treatments were applied", xlim = c(-1,
        12), yaxt = "n")
axis(1, at = c(-1:12), labels = c("", "", "", "7", "", "", "", "", "14", "",
    "", "", "", ""), tck = 0)
axis(2, pos = -1)
arrows(vv, c(14.54, 16.92, 15.44, 15.91, 18.17, 15.44), vv, c(17.73, 19.23,
    18.35, 18.65, 19.82, 18.35), angle = 90, code = 3, length = 0.05)
legend("right", inset = 0.05, c("Fulcrum", "Blank", "Water"), pch = 0, density = c(30,
    30, 30), angle = c(60, 90, 135), col = c("black", "purple", "darkblue"),
    bty = "n")
```


No. of WFT adults captured on YSCs
0
5
10
15
20
25
7
14
Fulcrum
Blank
Water
WFT pupae inoculation day after the treatments were applied