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Visualisation of Tamanshan census data 1

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```
taman <- readr::read_delim
('https://gist.githubusercontent.com/zdealveindy/901dc3b30997a2378e5421aa139
0c926/raw/50480004df7d774a62e51b2afed0b0104df0988a/tamanshan_tree_census.txt
', delim = '\t')

png ('taman-3-plots.png', width = 12, height = 4, units = 'in', res = 150)
set.seed (1234)
par (mfrow = c(1,3))
col.spe <- tibble (spe = as.factor (sort (unique (taman$Species_name))), col
= as.character (rainbow (36)))
taman.for.plot <- taman %>% group_by (Plot_ID, Species_name, Individual_ID)
%>% mutate (x = runif (1), y = runif (1)) %>% left_join (col.spe, by =
c('Species_name' = 'spe'))

par (mfrow = c(1,3), mar = c(5,5,5,5))
for (i in unique (taman.for.plot$Plot_ID))
  plot (y ~ x, data = taman.for.plot[taman.for.plot$Plot_ID == i,], main =
list (i, cex = 2.5), col = as.data.frame
(taman.for.plot[taman.for.plot$Plot_ID == i, 'col'])[,1], pch = 16, cex = log
(as.data.frame (taman.for.plot[taman.for.plot$Plot_ID == i, 'DBH'])[,1]),
xlab = list ('20 m', cex = 2), ylab = list ('20 m', cex = 2), asp = 1, axes
= FALSE, frame.plot = TRUE)
dev.off ()
```

