Sangres Trees Report 2024

2024-10-10

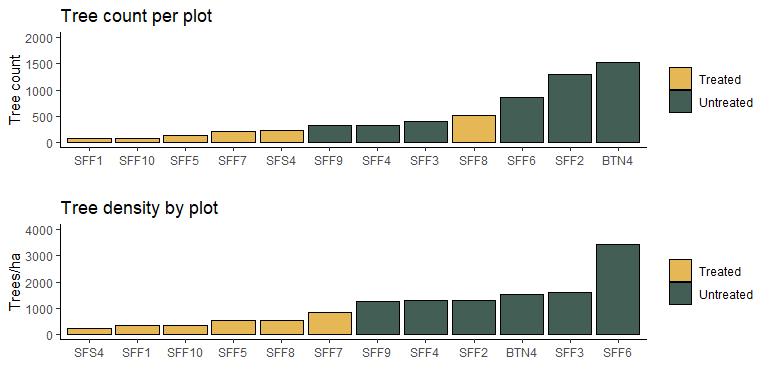
## Summary Stats

treatment\_summary <- merged\_summary %>%  
 group\_by(TreatmentStatus)%>%  
 summarize(Tree\_count = sum(Tree\_count), MOG\_count = sum(MOG\_count), MOG\_live\_count = sum(MOG\_live\_count), Surveyed\_ha = sum(PlotSize))  
library(knitr)  
kable(treatment\_summary)

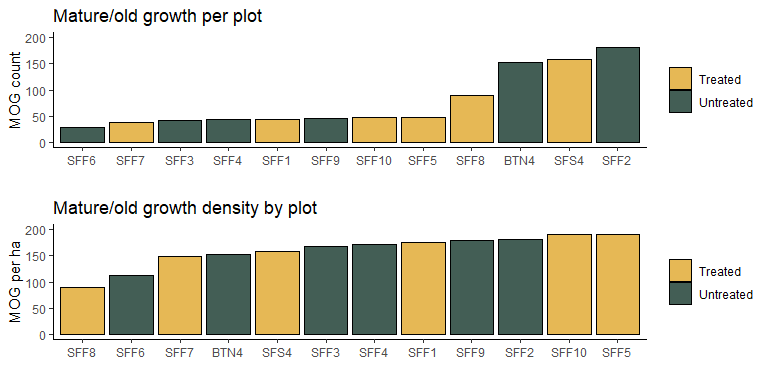
| TreatmentStatus | Tree\_count | MOG\_count | MOG\_live\_count | Surveyed\_ha |
| --- | --- | --- | --- | --- |
| Treated | 1249 | 426 | 366 | 3 |
| Untreated | 4716 | 492 | 405 | 3 |

### Figures by Plot

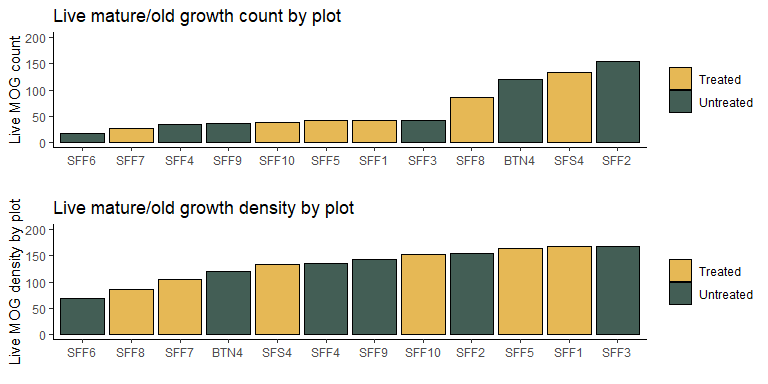
grid.arrange(fig1,fig2)



grid.arrange(fig3,fig4)

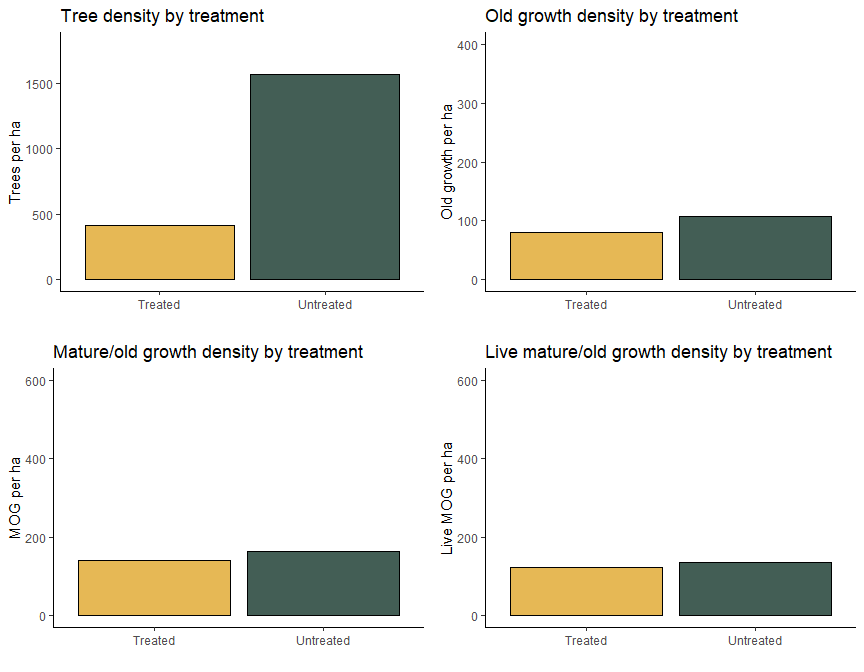


grid.arrange(fig5,fig6)



### Figures by Treatment

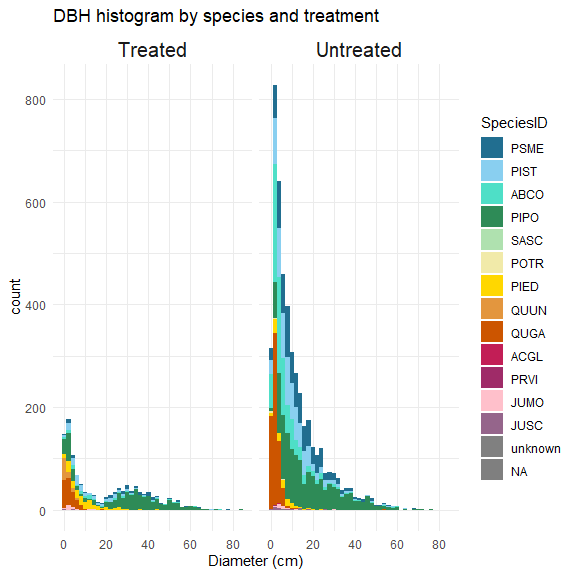
grid.arrange(fig7,fig10, fig8, fig9)



### DBH Histograms & Species Composition

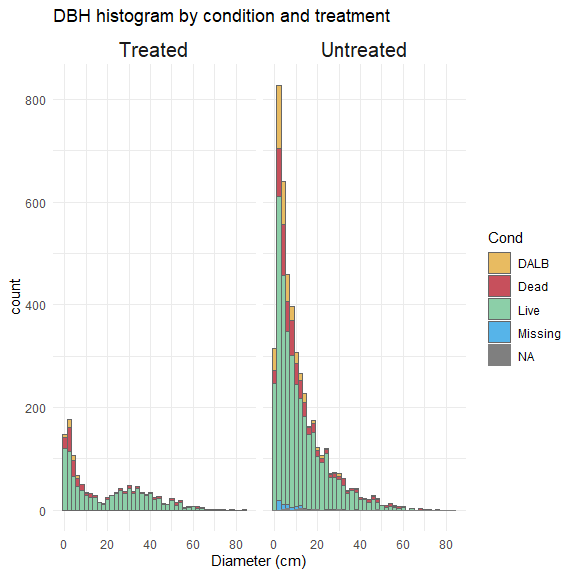
plot1

## Warning: Removed 1 row containing non-finite outside the scale range  
## (`stat\_bin()`).

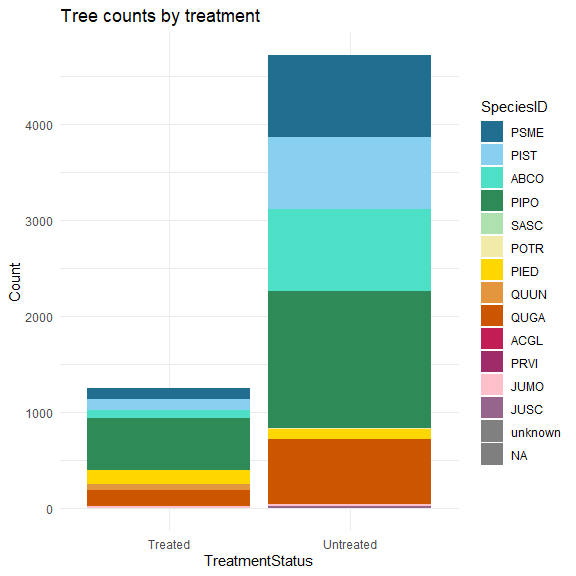


plot2

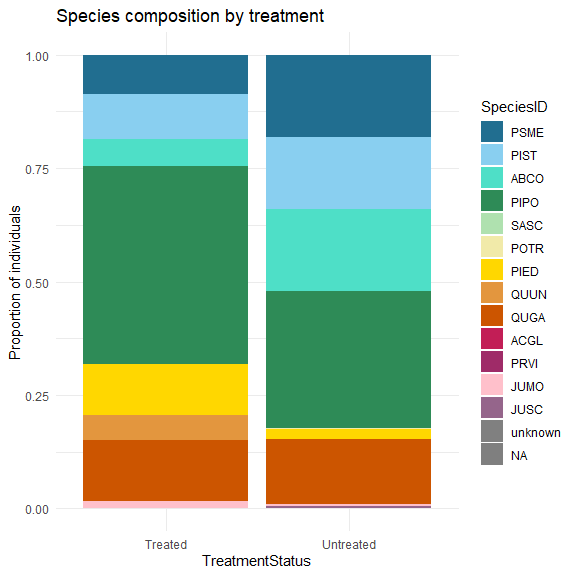
## Warning: Removed 1 row containing non-finite outside the scale range  
## (`stat\_bin()`).



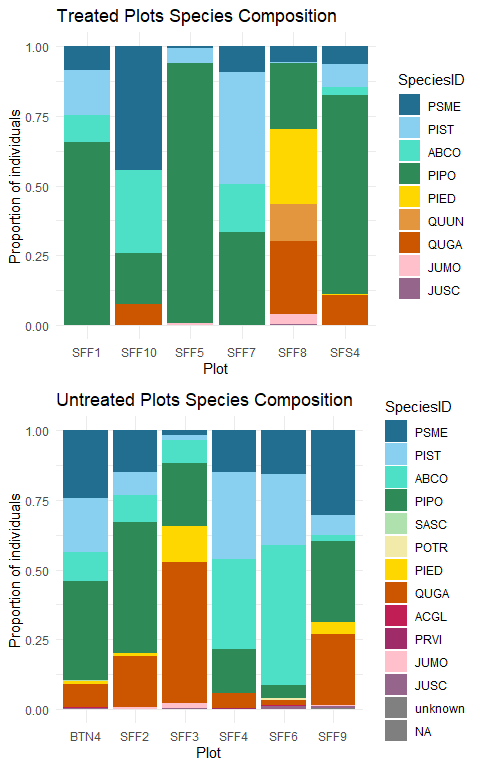
plot4



plot5

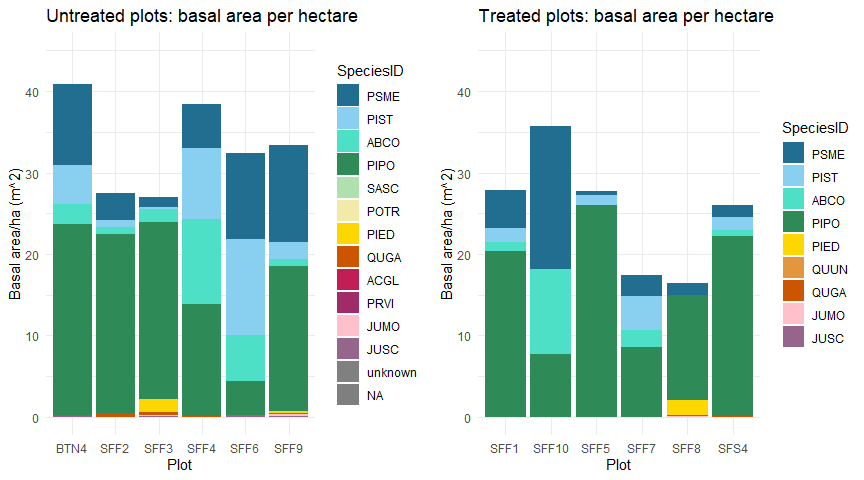


grid.arrange(plot6, plot7)



### Basal Area Figures

grid.arrange(plot9,plot8, ncol=2)



plot10

