Data Exploration

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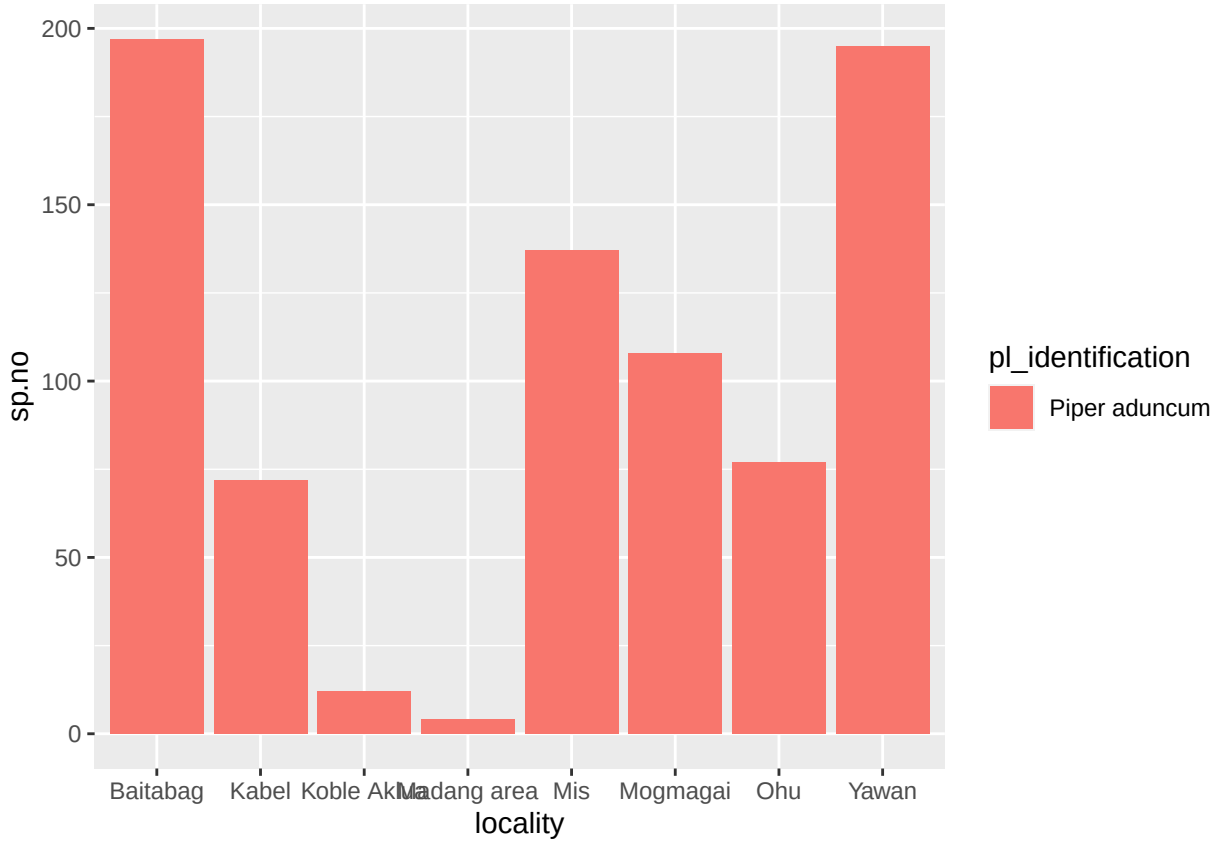
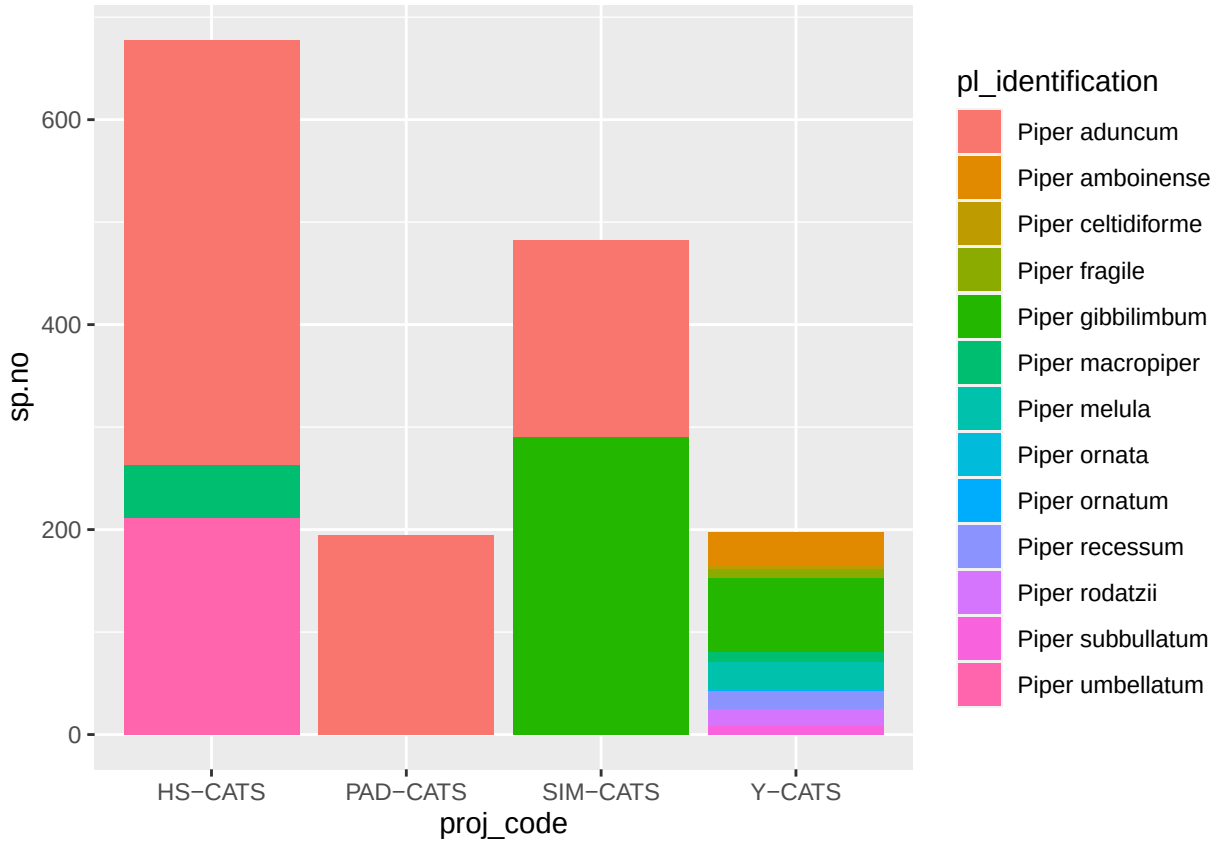
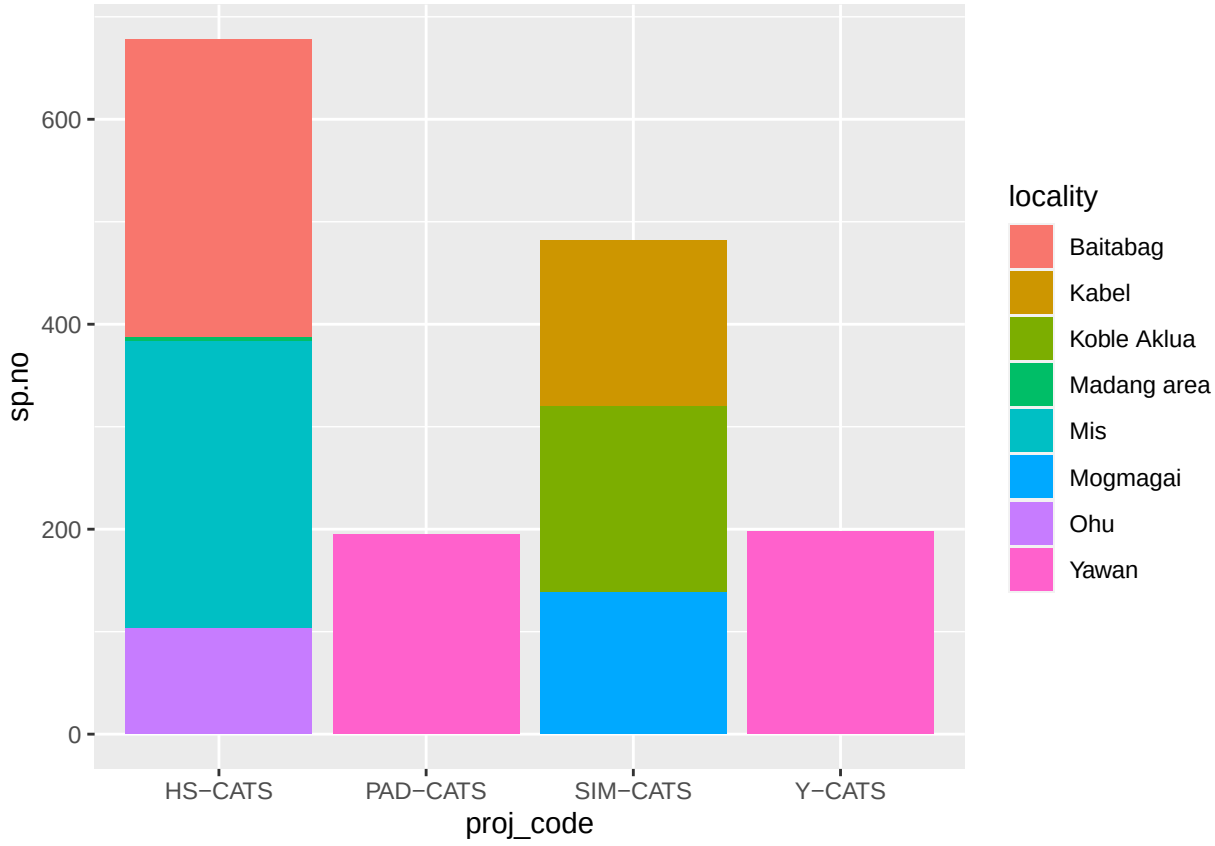
```
source('code/data_preparation.R')

# Summary of sites and species numbers ----
spNoSummary <- piperDataRaw %>% group_by(proj_code, locality, pl_identification) %>%
  summarise(sp.no = n())

# Number of insect species on Piper aduncum per locality ----
ggplot(spNoSummary %>%
         filter(pl_identification == 'Piper aduncum'),
       aes(x = locality,
           y= sp.no,
           fill = pl_identification))+
  geom_col()
```



```
# Number of insect species on piper species per project ----
ggplot(spNoSummary,
       aes(x = proj_code,
           y= sp.no,
           fill = pl_identification))+
  geom_col()
```




```
# Piper species per  ----
ggplot(spNoSummary,
       aes(x = proj_code,
           y= sp.no,
           fill = locality))+
  geom_col()
```


600
400
200
0
sp.no
HS−CATS
PAD−CATS
SIM−CATS
Y−CATS
proj_code
locality
Baitabag
Kabel
Koble Aklua
Madang area
Mis
Mogmagai
Ohu
Yawan