bassinat

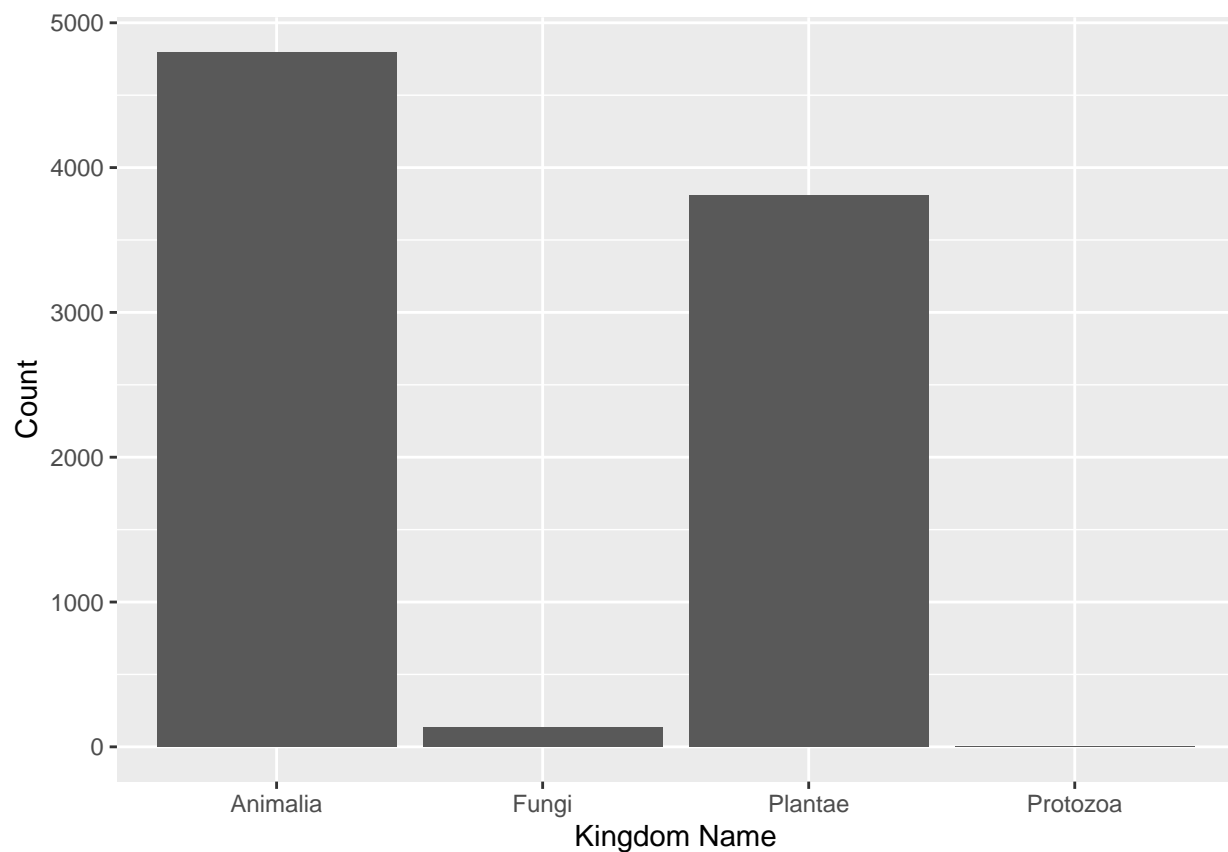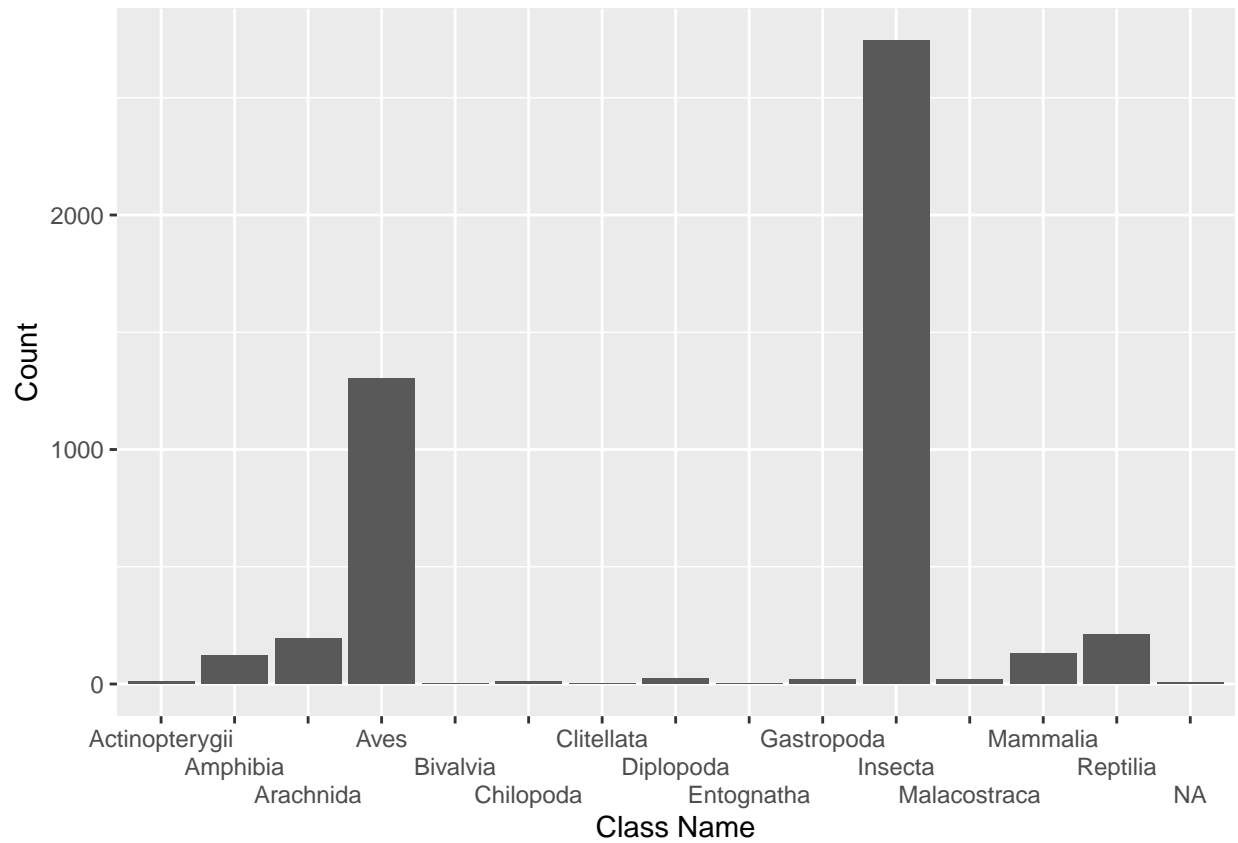## Lindsey Weyant

12/2/2021

```
inat%>%
  ggplot(aes(x = taxon_kingdom_name)) +
  geom_bar() +
  labs(x = "Kingdom Name", y = "Count", Title = "Kingdoms of the ECWA Watershed")
```



```
inatanimalia <- inat %>%
  filter(taxon_kingdom_name == "Animalia")
```

```
inatanimalia %>%
  ggplot(aes(x=taxon_class_name)) +
  geom_bar() +
  scale_x_discrete(guide = guide_axis(n.dodge=3)) +
  labs(x= "Class Name", y = "Count", Title = "Animalia Observations by Class")
```

```
inatplantae <- inat %>%
  filter(taxon_kingdom_name == "Plantae")
```

```
inatplantae %>%
  ggplot(aes(x=taxon_class_name)) +
  geom_bar() +
  scale_x_discrete(guide = guide_axis(n.dodge=3)) +
  labs(x= "Class Name", y = "Count", title = "Plantae Observations by Class")
```

Plantae Observations by Class
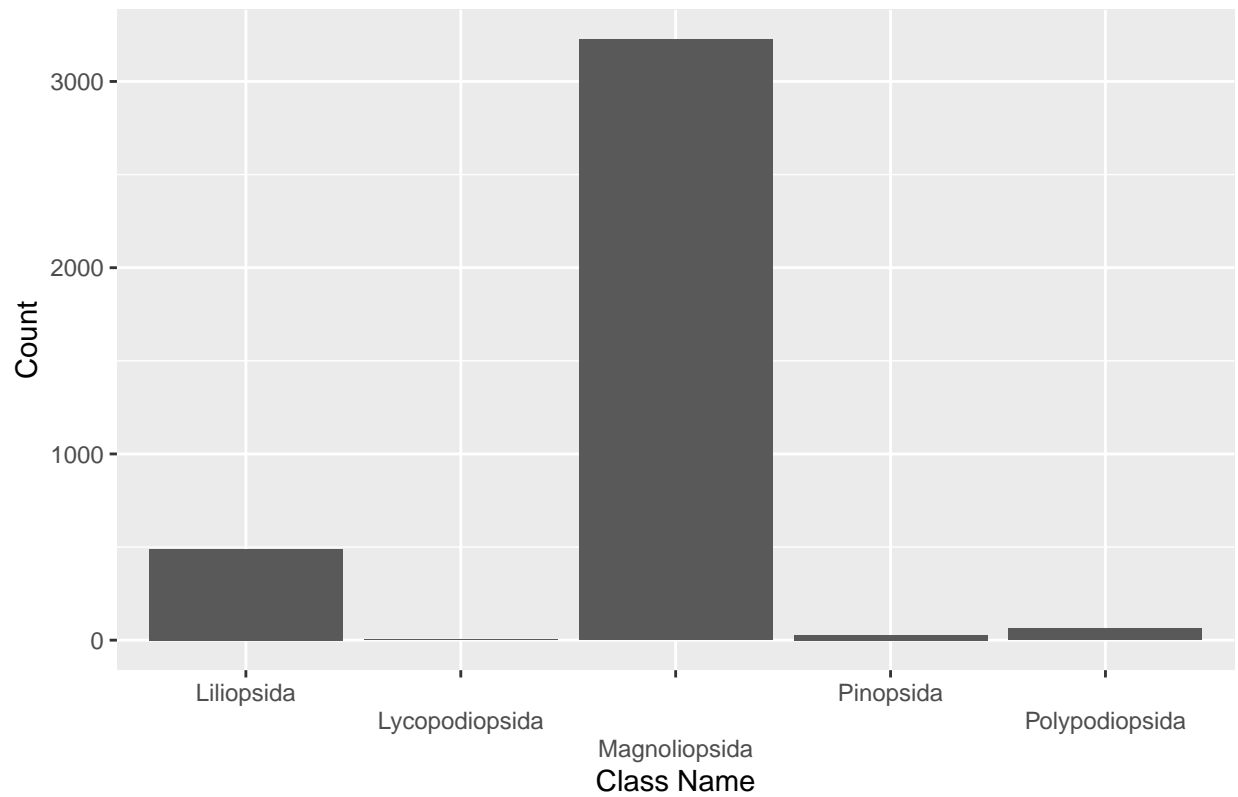

```
inatanimalia %>%
  filter(taxon_class_name == "Insecta") %>%
count(scientific_name, sort = TRUE)
```

```
## # A tibble: 719 x 2
##    scientific_name        n
##    <chr>              <int>
##  1 Papilio polyxenes     45
##  2 Danaus plexippus      43
##  3 Xylocopa virginica    43
##  4 Harmonia axyridis     39
##  5 Bombus impatiens      34
##  6 Papilio glaucus       34
##  7 Plathemis lydia       33
##  8 Junonia coenia        28
##  9 Phyciodes tharos      28
## 10 Alaus oculatus        26
## # ... with 709 more rows
```