TidyTuesday World Spider Database

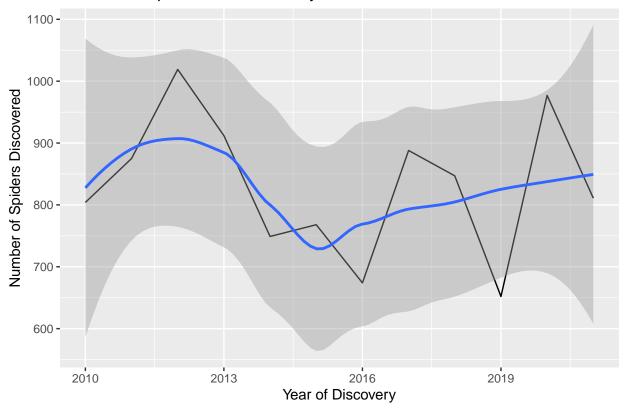
David Jackson

12/7/2021

Discoveries by Year: 2010 - 2021

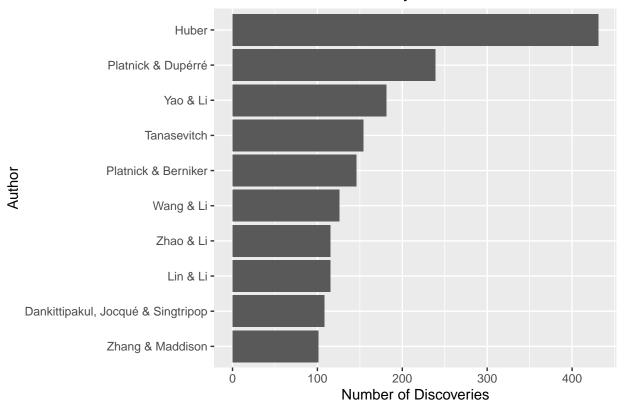
```
## 'geom_smooth()' using method = 'loess' and formula 'y ~ x'
```

Number of Spiders Discovered by Year



Count of Spiders Discovered by Author

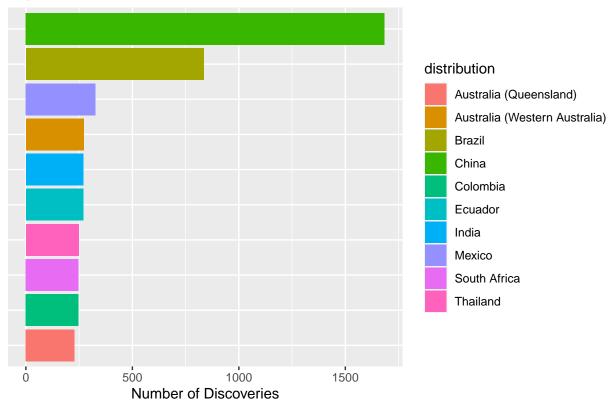
Number of Discoveries by Author



Distribuation by Location: 2010-2021

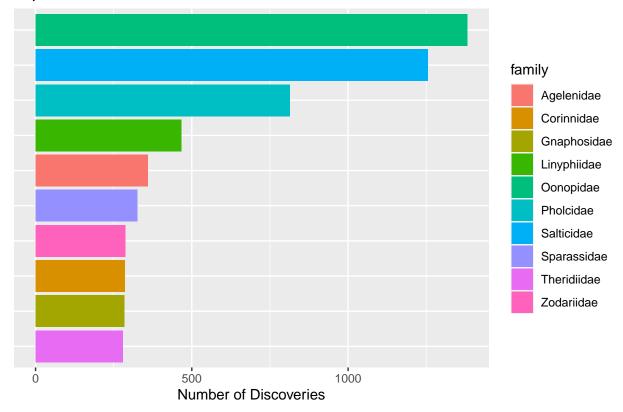
```
spiders %>% count(distribution,sort =T) %>% top_n(10) %>%
ggplot(aes(x=reorder(distribution,n),y=n)) + geom_col(aes(fill=distribution)) +
theme(axis.title.y=element_blank(),
  axis.text.y=element_blank(),
  axis.ticks.y=element_blank()) +
labs(title = "Top 10 Countries with Discoveries: 2010 - 2021",
  y="Number of Discoveries") + coord_flip()
```

Top 10 Countries with Discoveries: 2010 - 2021



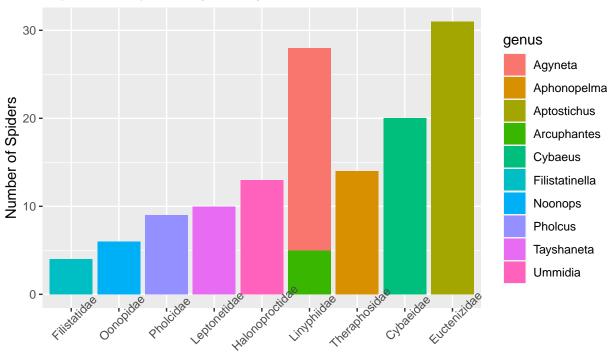
```
spiders %>% count(family,sort =T) %>% top_n(10) %>%
ggplot(aes(x=reorder(family,n),y=n)) + geom_col(aes(fill=family)) +
theme(axis.title.y=element_blank(),
  axis.text.y=element_blank(),
  axis.ticks.y=element_blank()) +
labs(title = "Top 10 Families: 2010 - 2021",
  y="Number of Discoveries") + coord_flip()
```

Top 10 Families: 2010 - 2021



US Discoveries by Family and Genus

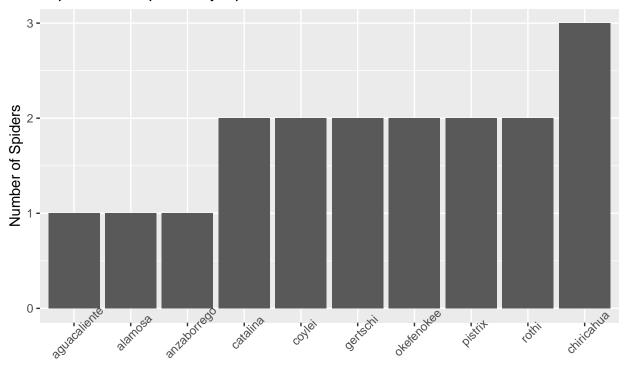
Top 10 US Spiders by Family and Genus



Family

US Discoveries by Species

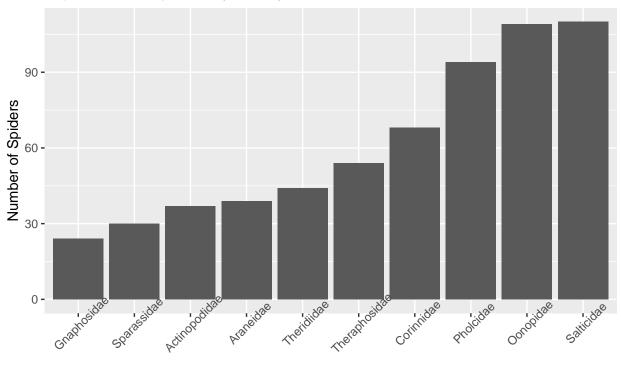
Top 10 USA Spiders by Species



Species

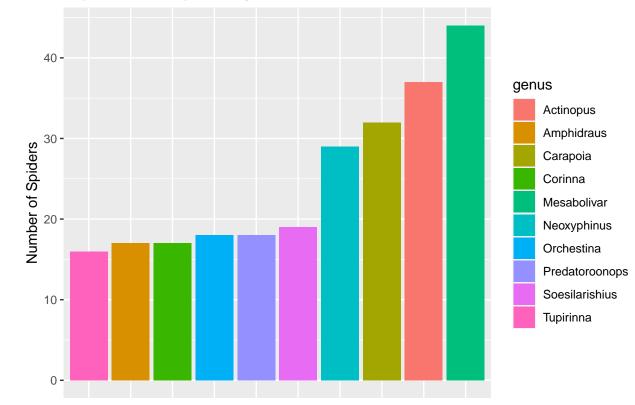
Brazil

Top 10 Brizal Spiders by Family



Family

Top 10 Brazill Spiders by Genus



Brazil's Top 10 Spiders by Species

