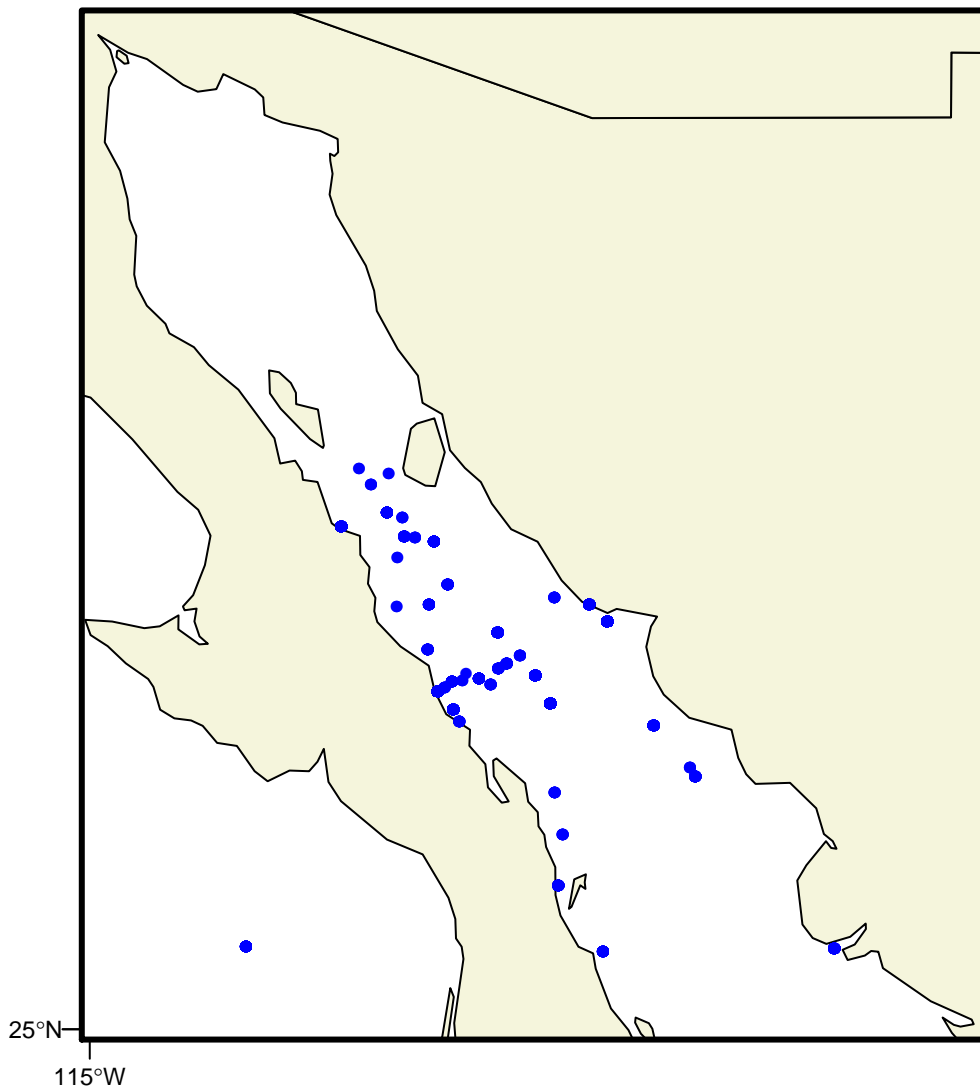
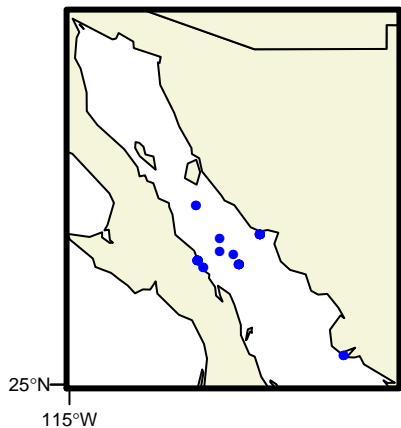


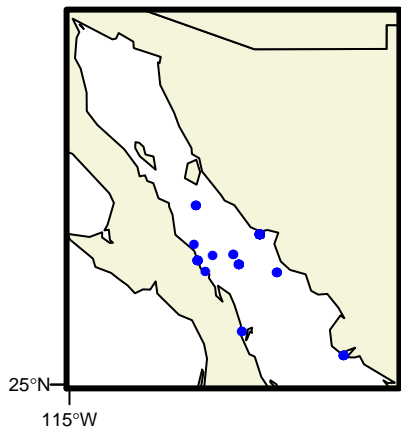
## Distribution of Samples



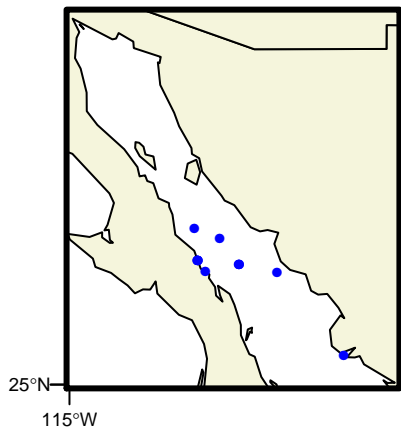
**C\_Abraliopsis**



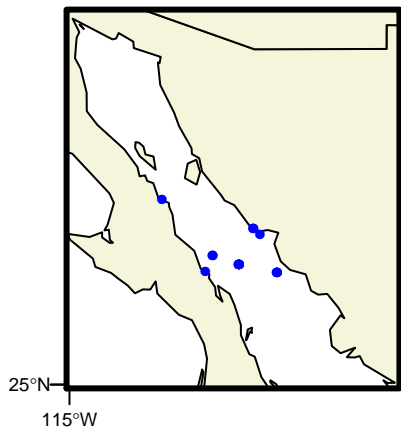
**C\_Gonatus**



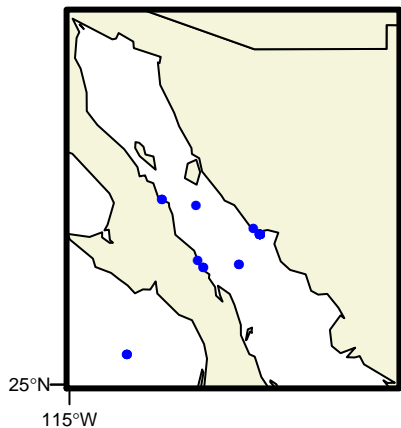
**C\_Japetella**



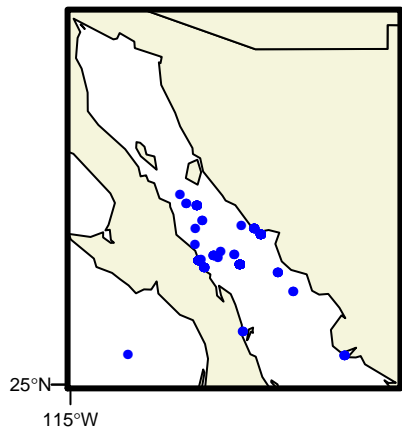
**C\_Ommastrephid**



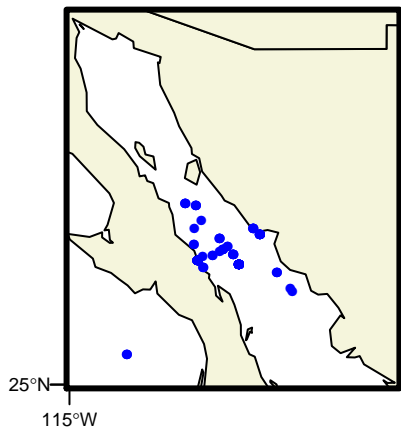
**C\_Other**



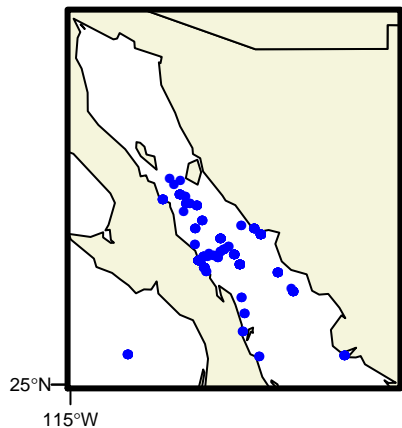
**C\_Pterygioteuthis**



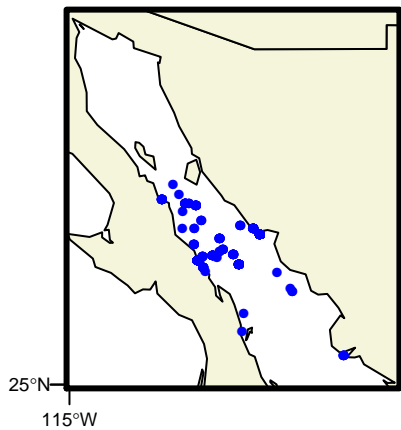
**C\_UnID**



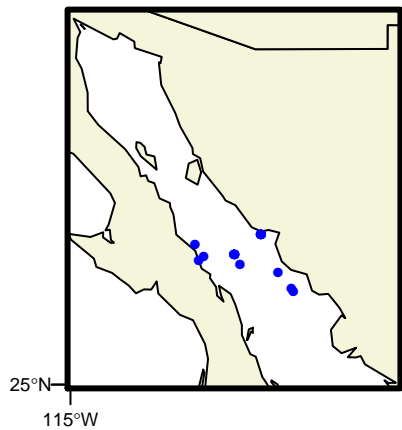
**crust**



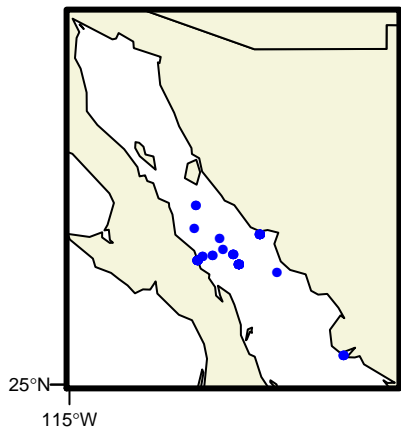
**F\_Benthosema**



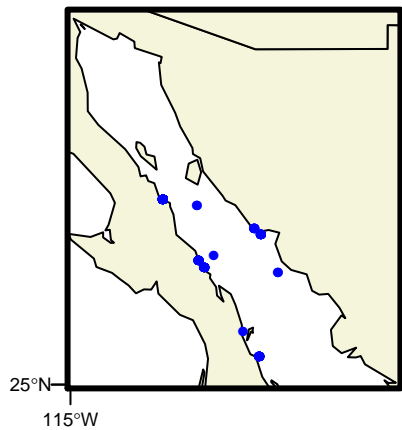
**F\_Bregmaceros**



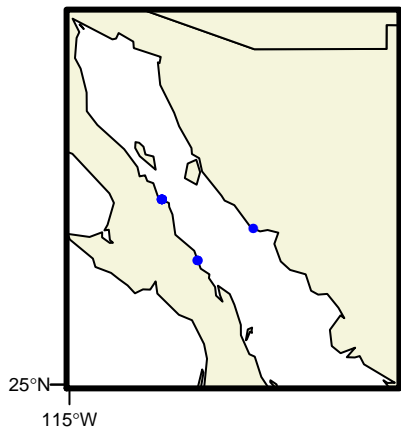
**F\_Diogenichthys**



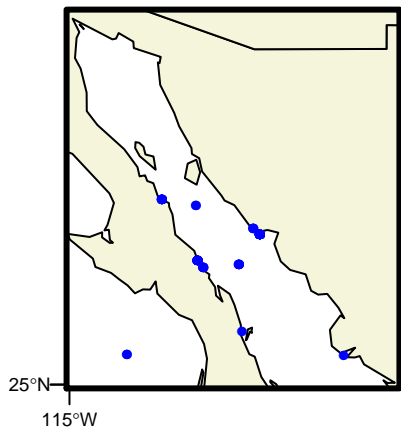
**F\_Engraulis**



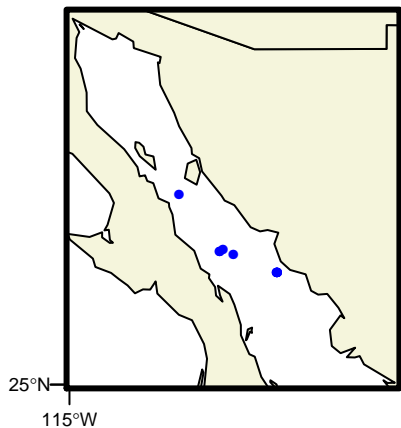
## F\_Merluccius



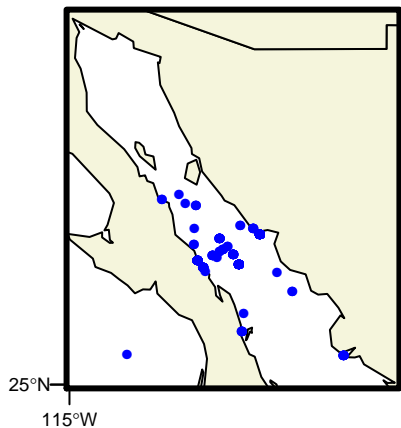
**F\_Other**



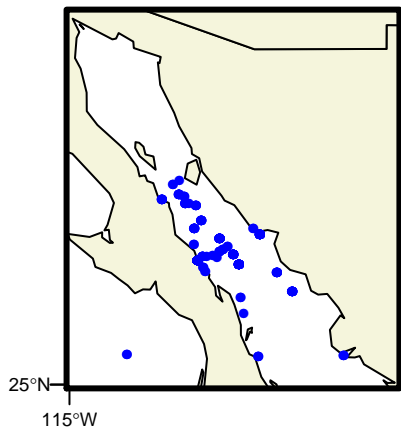
**F\_Species\_A**



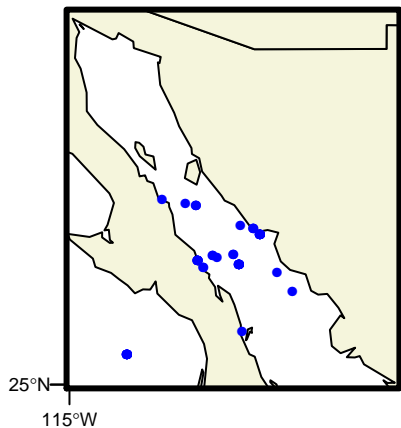
## F\_Triphoturus



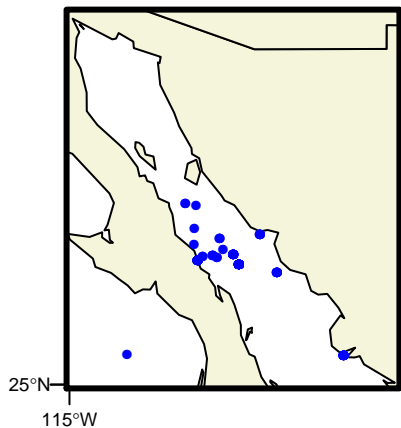
**F\_UnID**



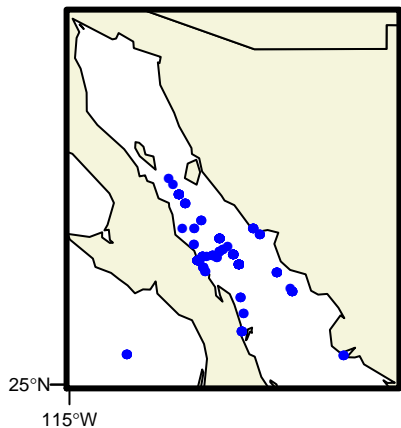
**F\_UnID\_.Myctophidae**

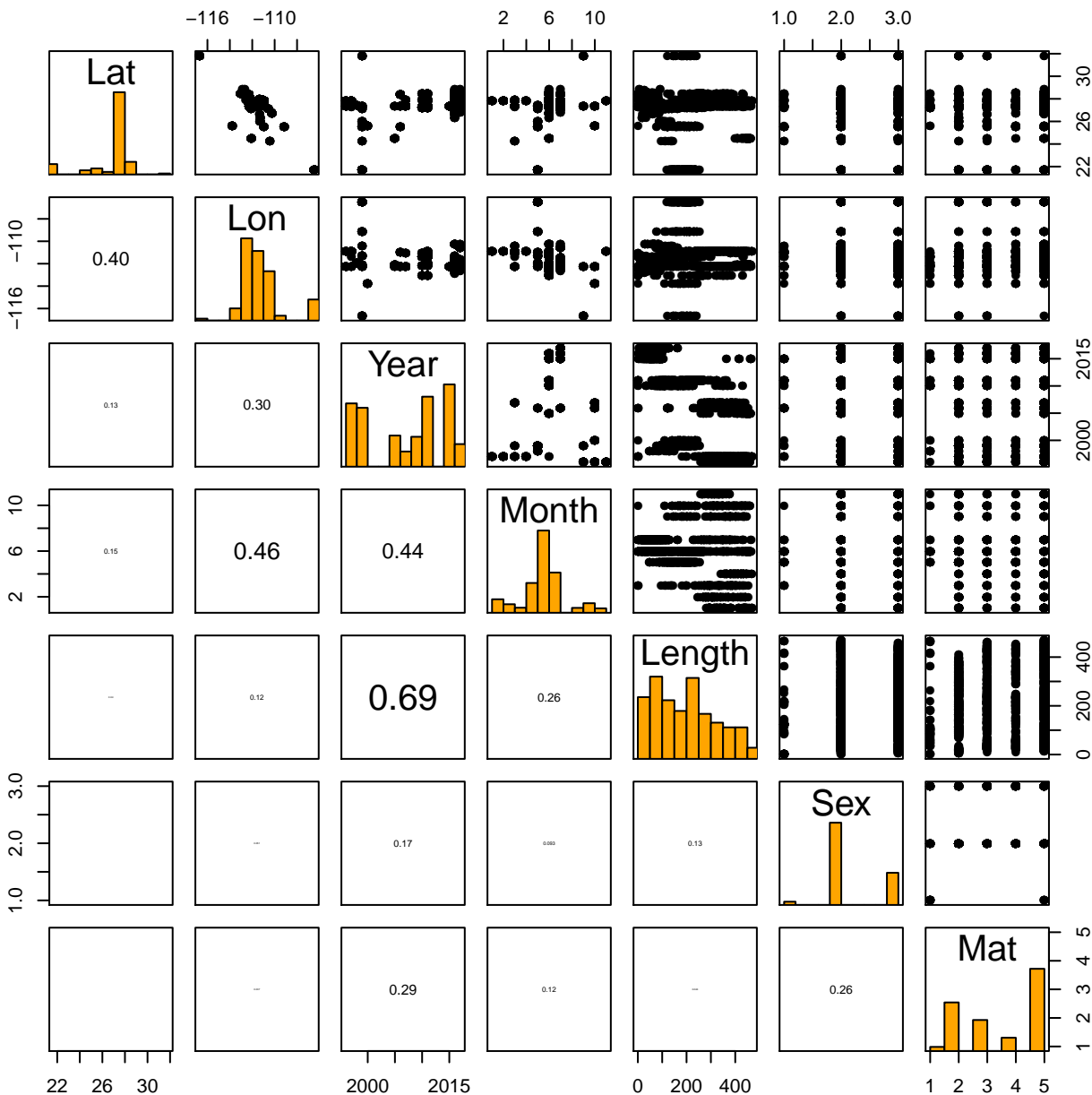


**F\_Vinciguerria**

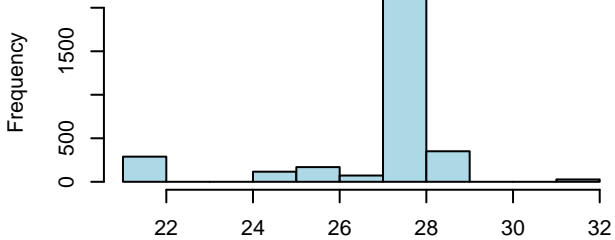


**pteropoda**

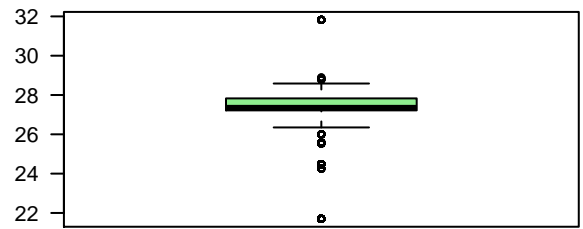




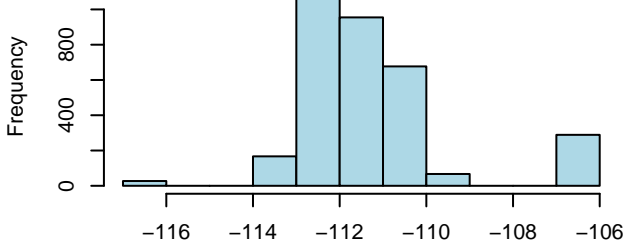
**Lat**



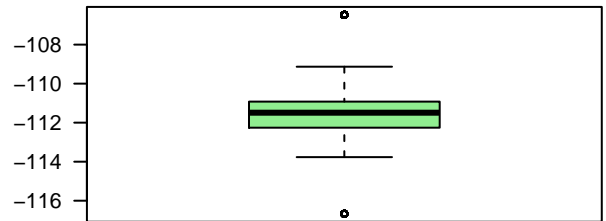
**Lat**



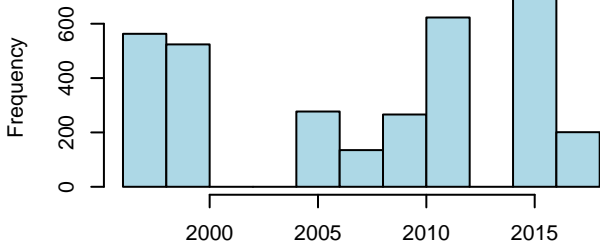
**Lon**



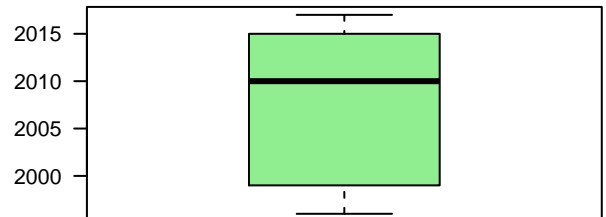
**Lon**



**Year**

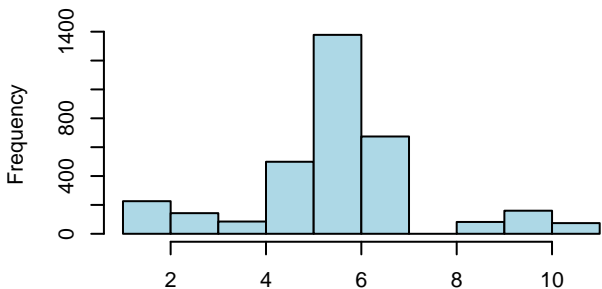


**Year**

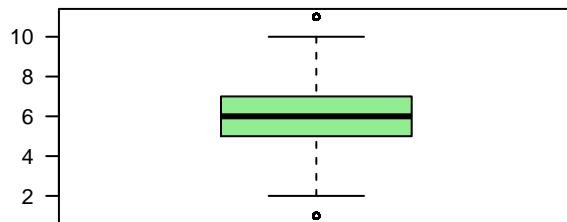




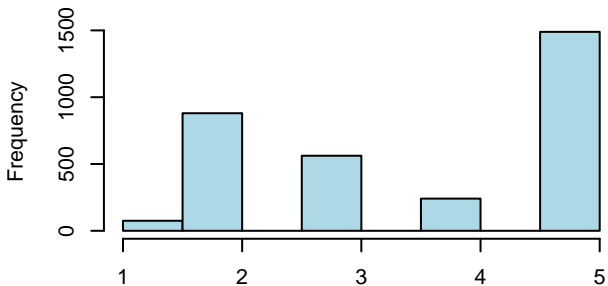
**Month**



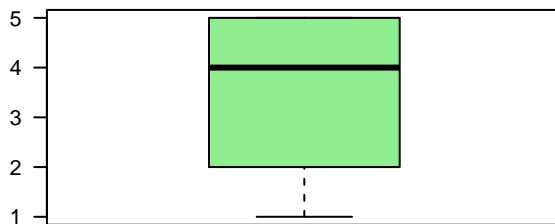
**Month**



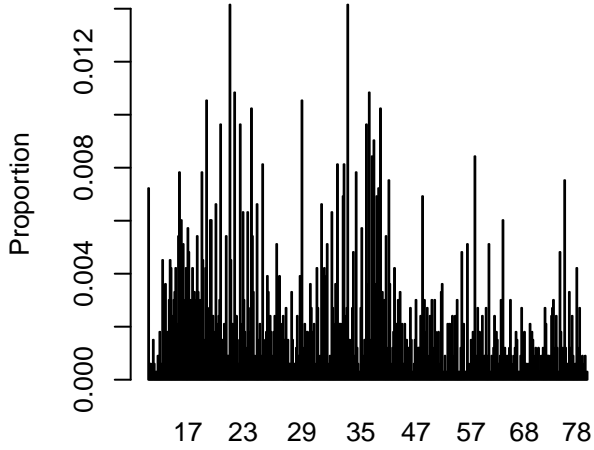
**Mat**



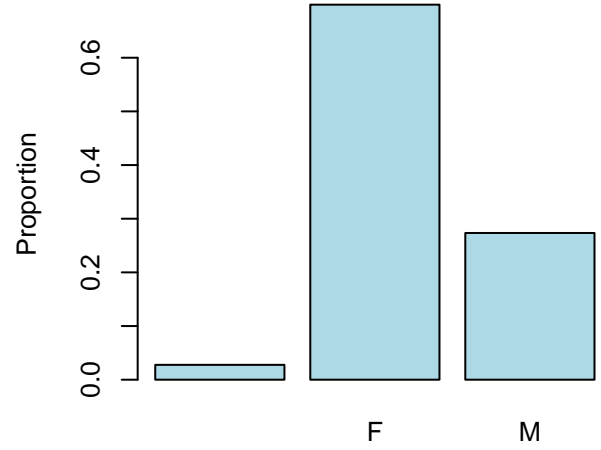
**Mat**



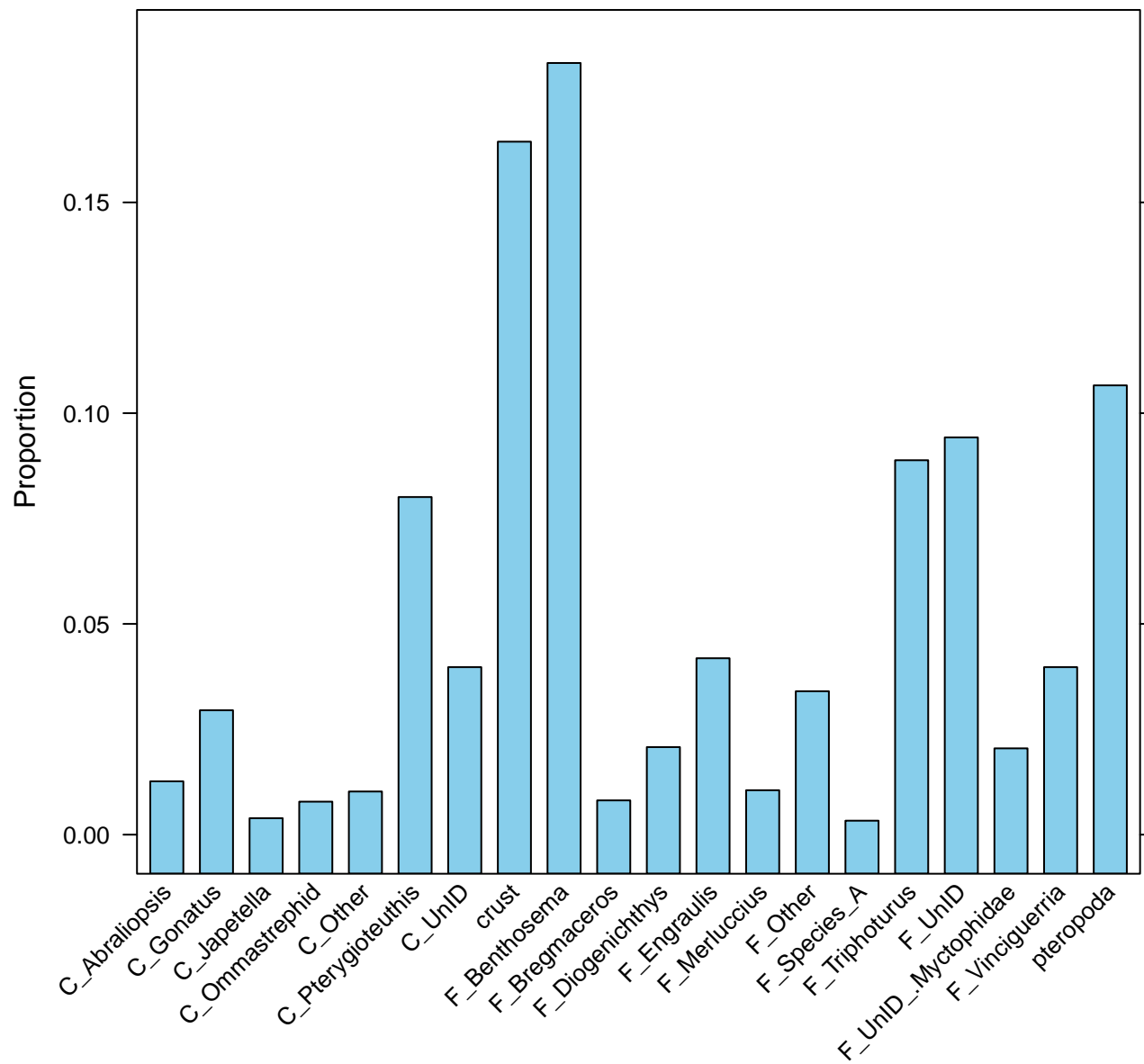
**Length**



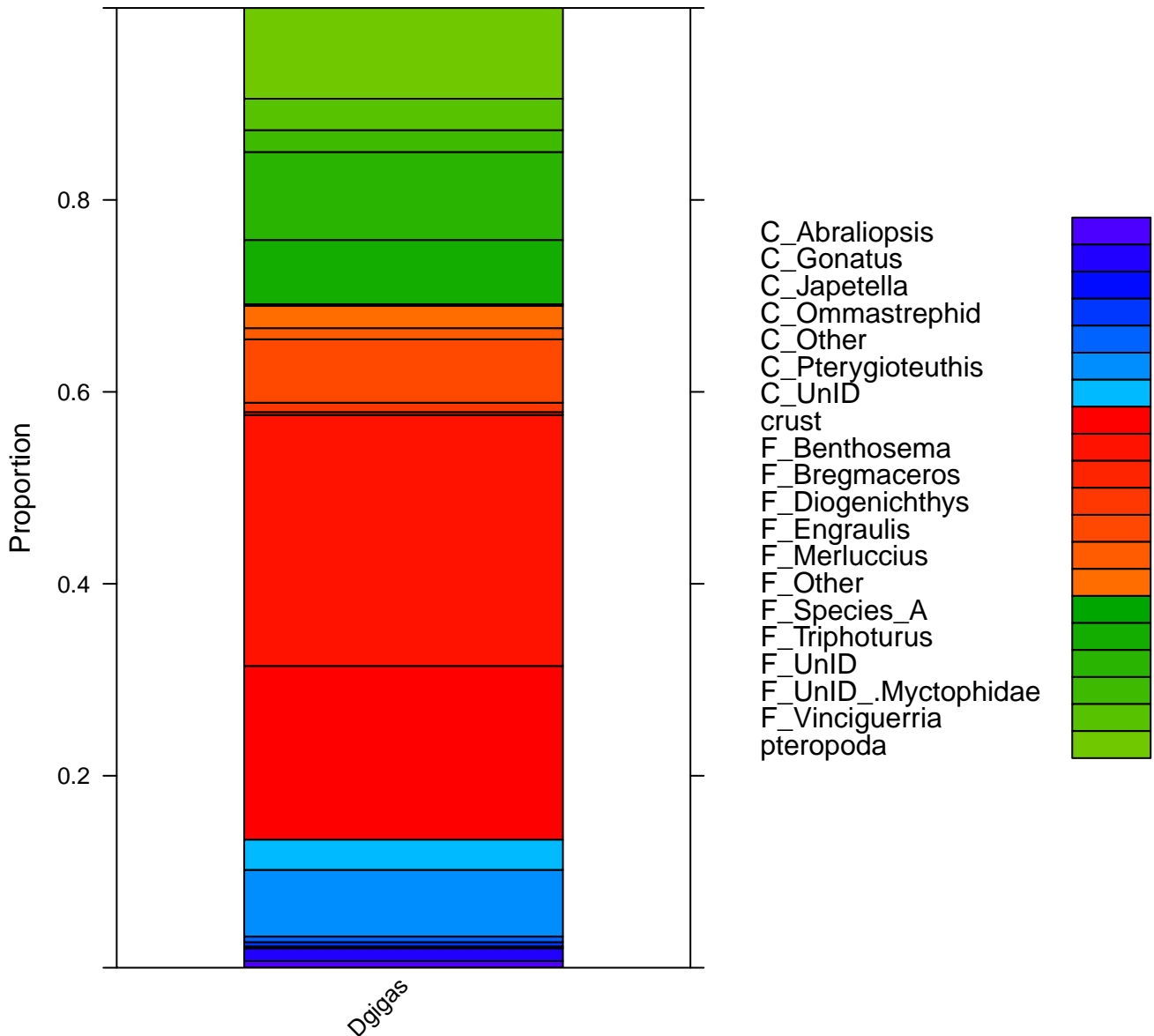
**Sex**



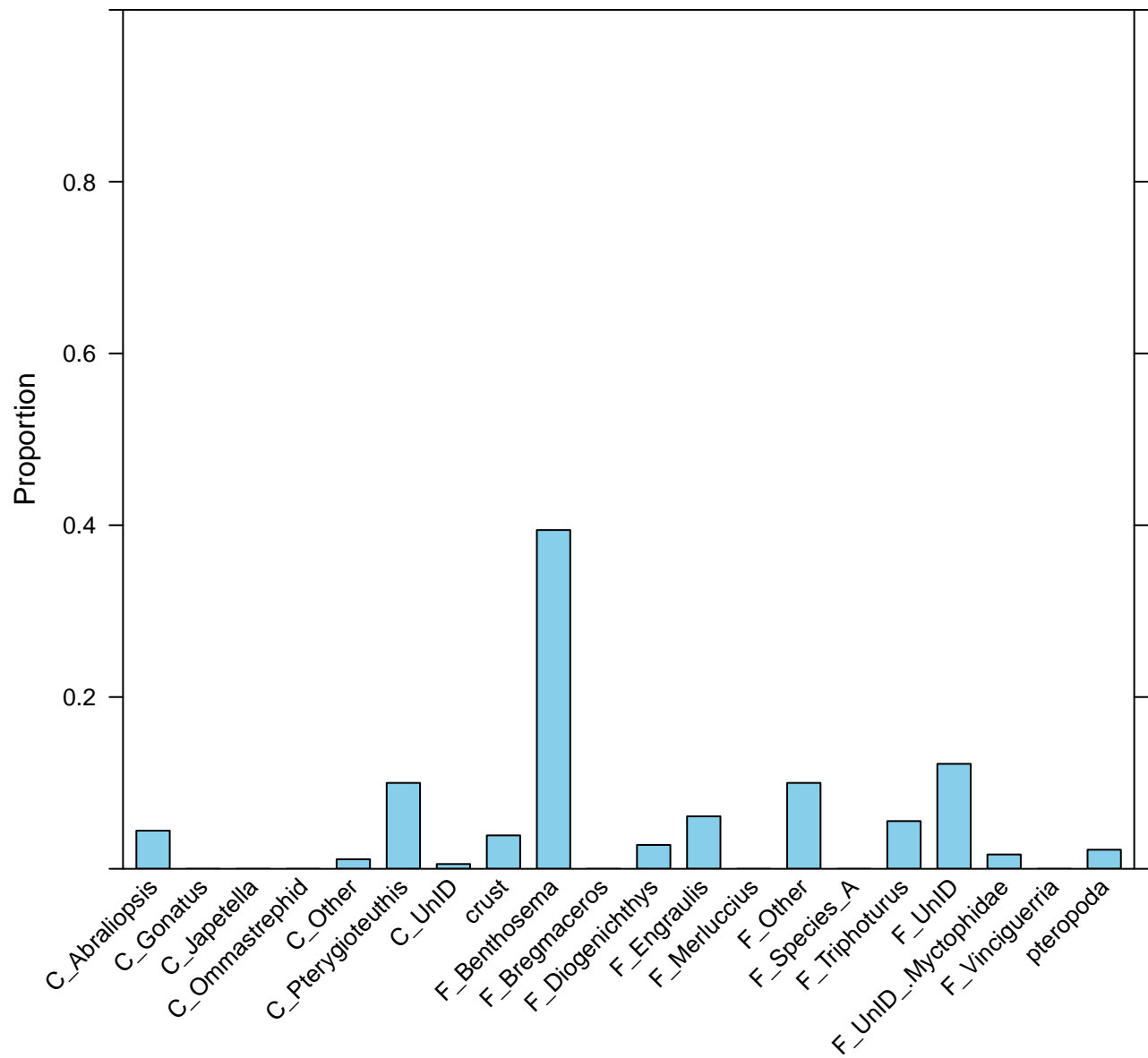
# Distribution of Species



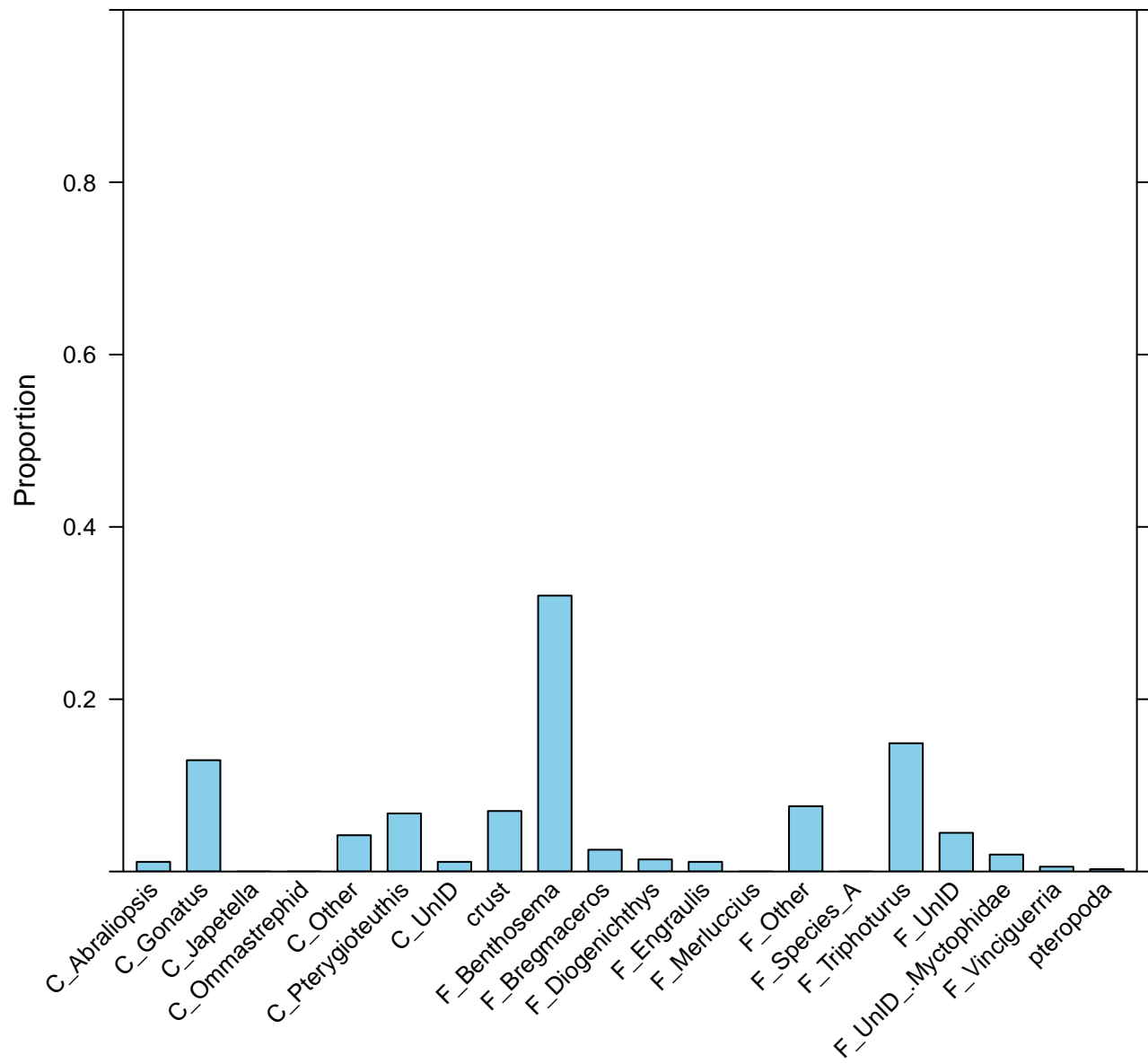
## Composition of Species



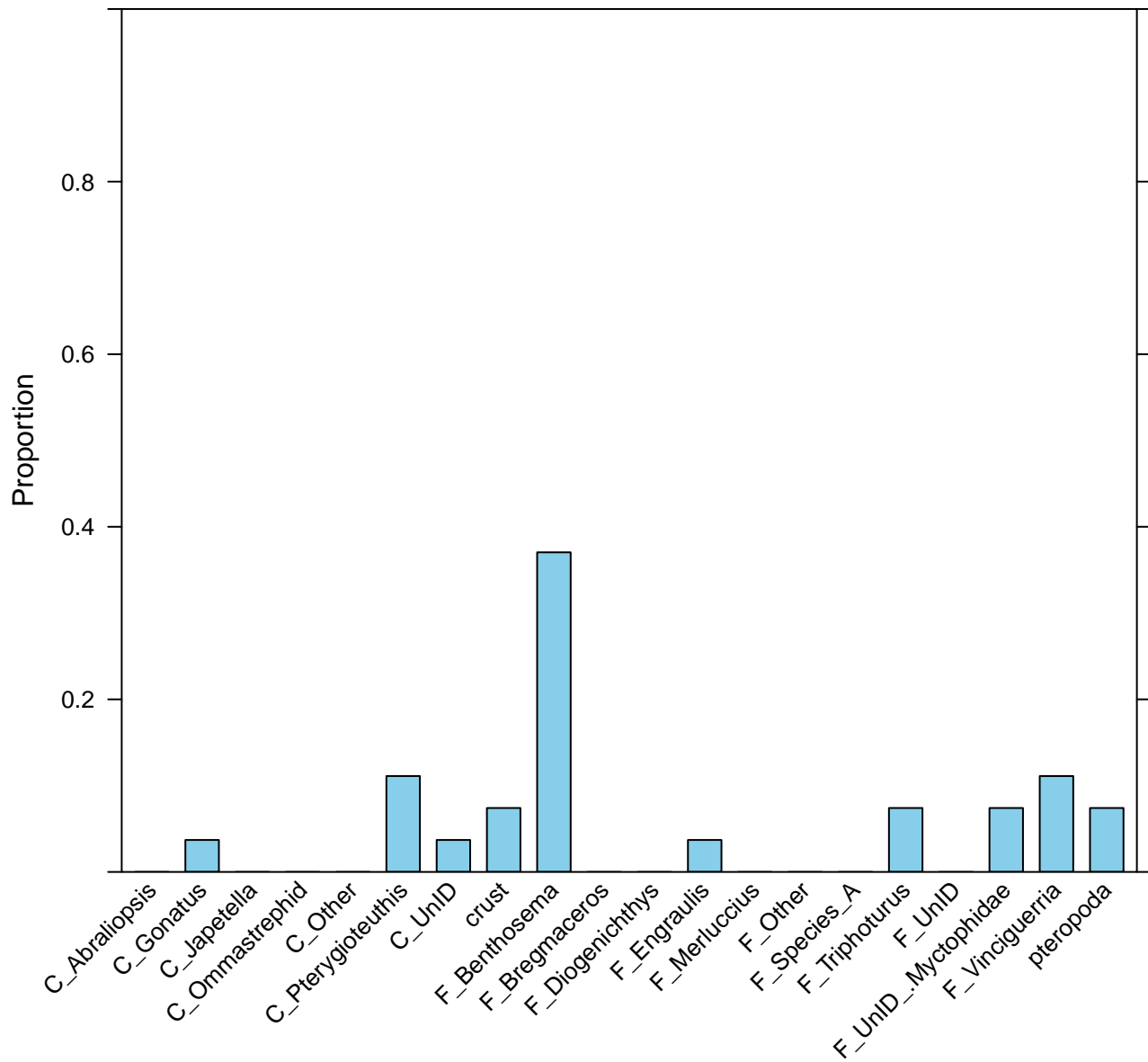
# Distribution of Species : 1996



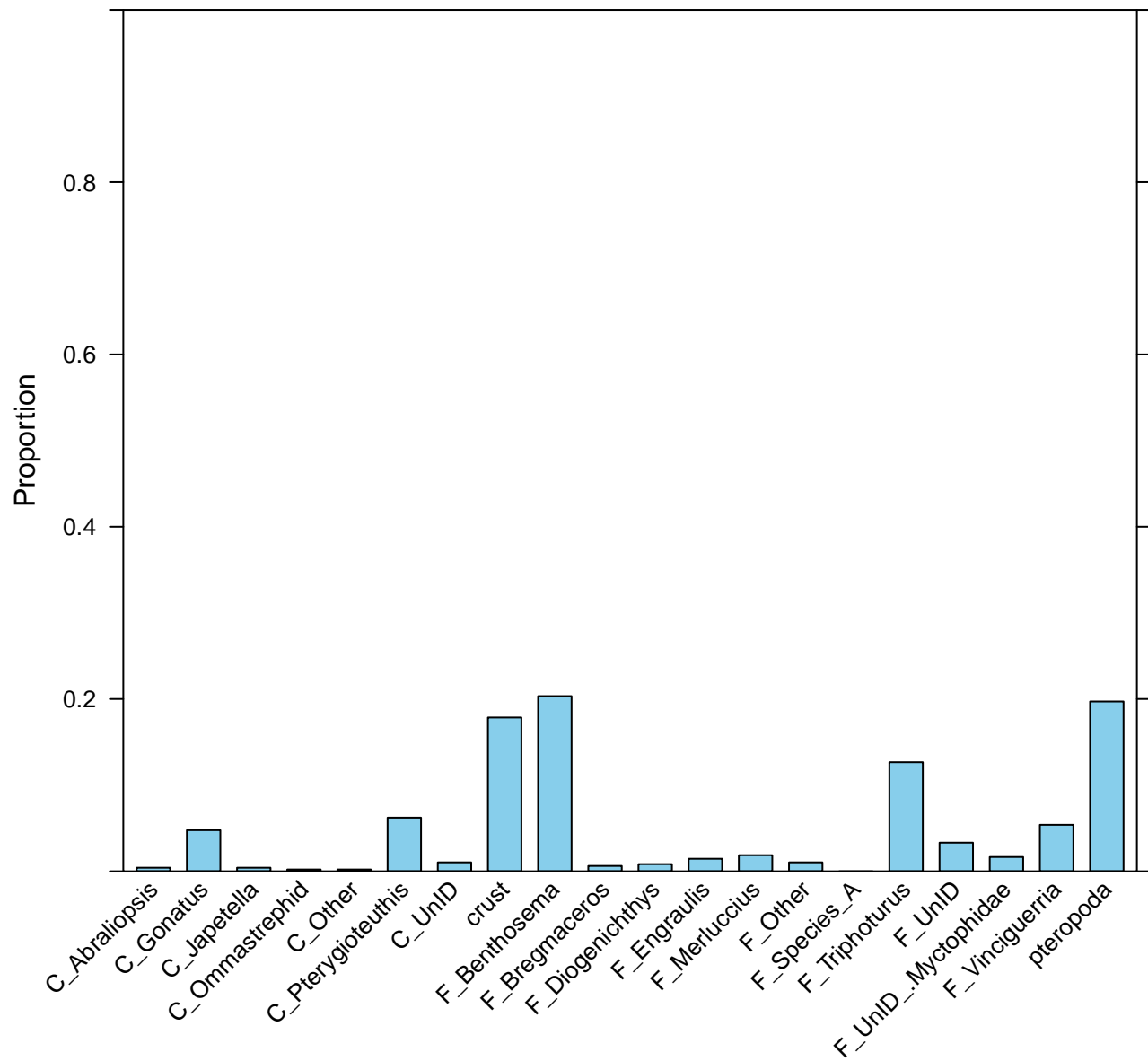
# Distribution of Species : 1997



## Distribution of Species : 1998

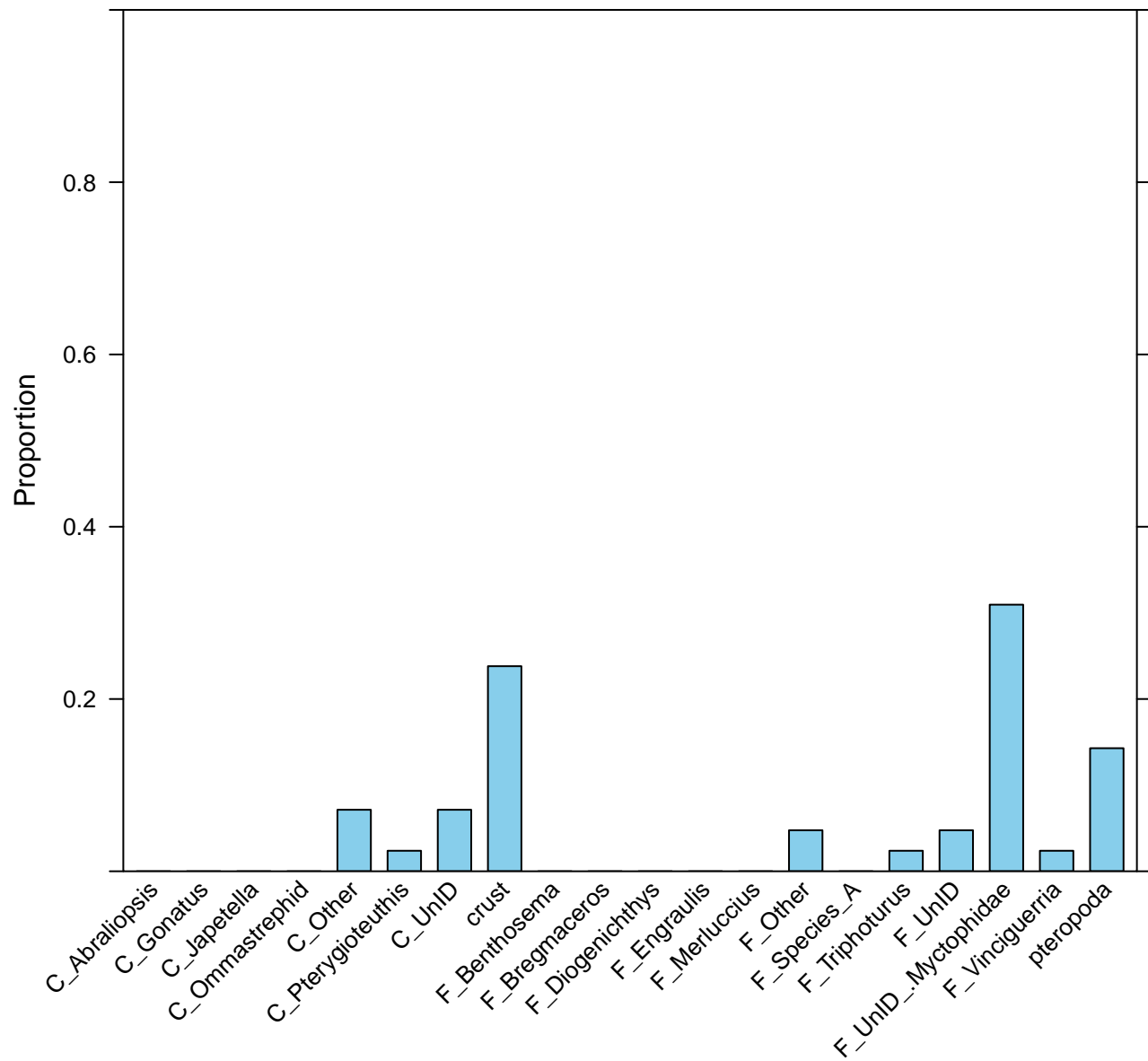


# Distribution of Species : 1999

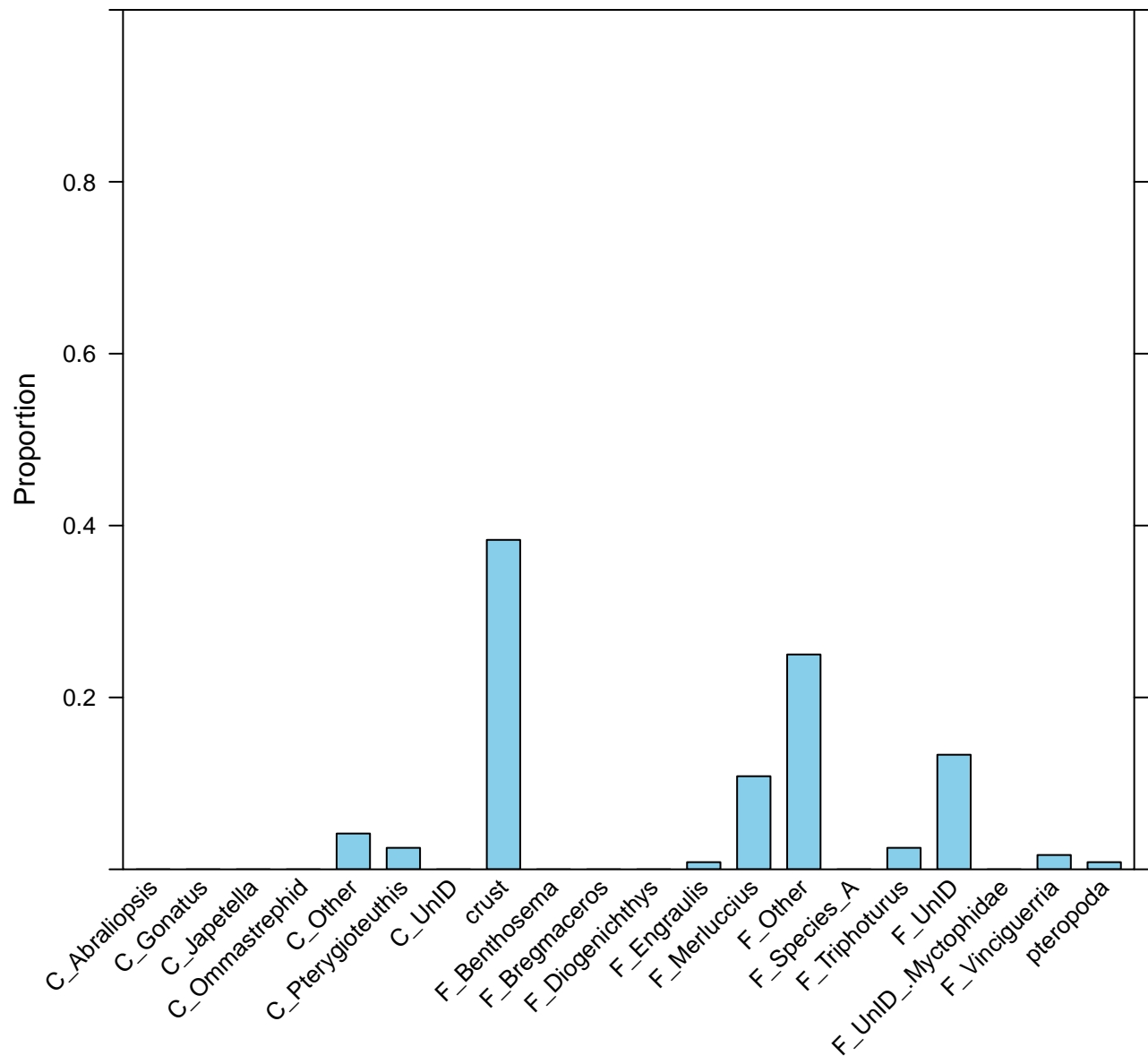




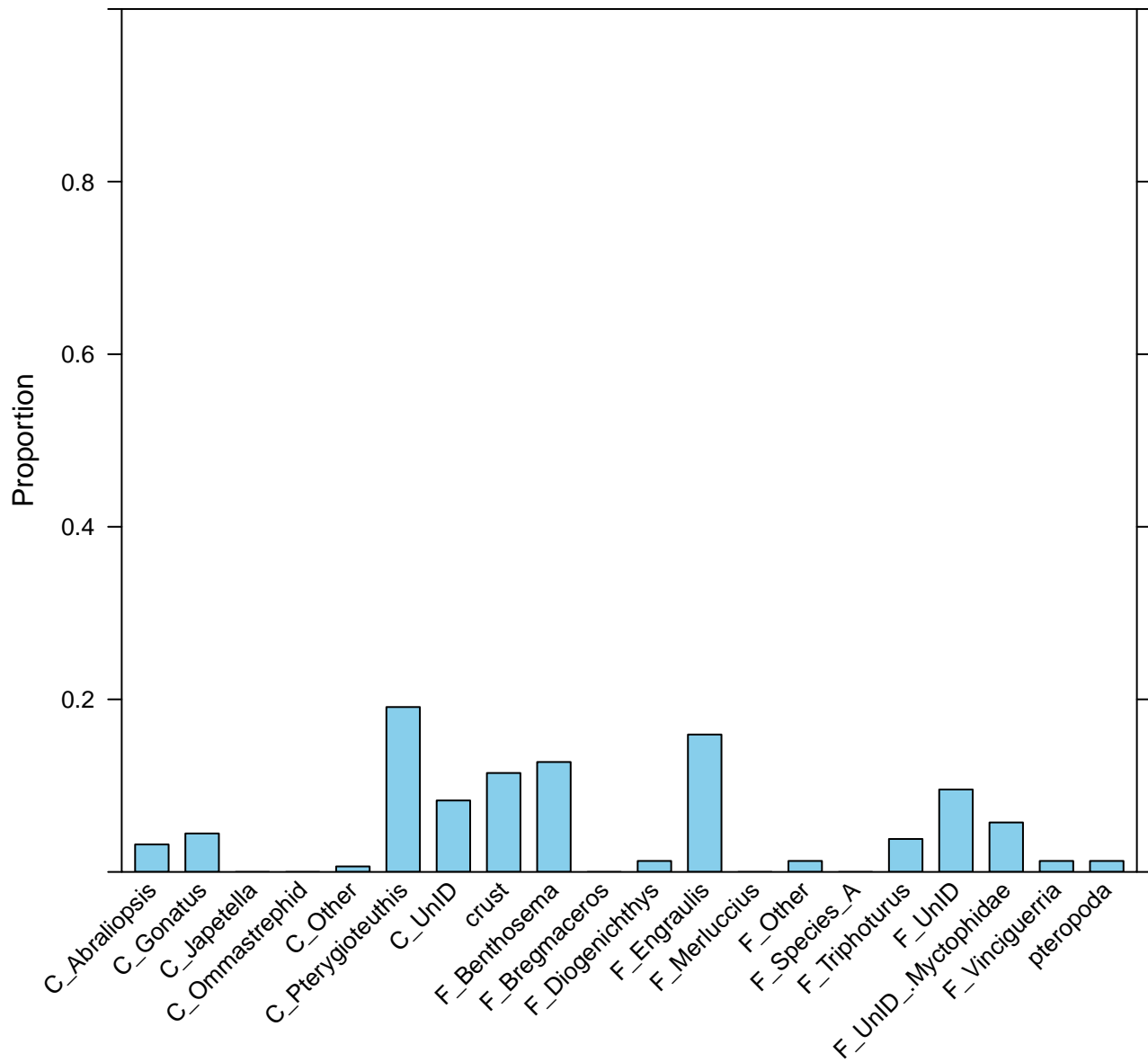
# Distribution of Species : 2000



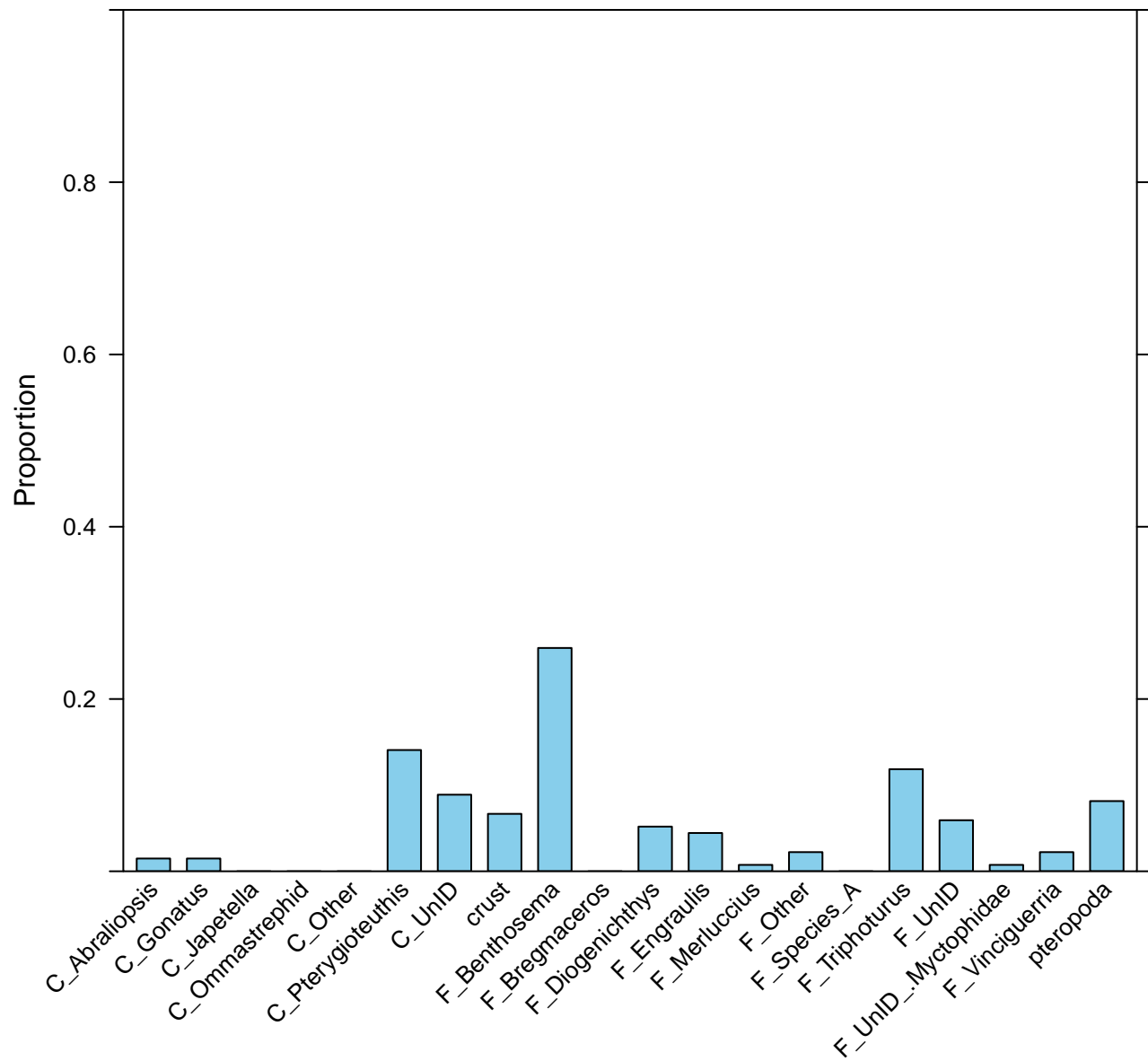
# Distribution of Species : 2005



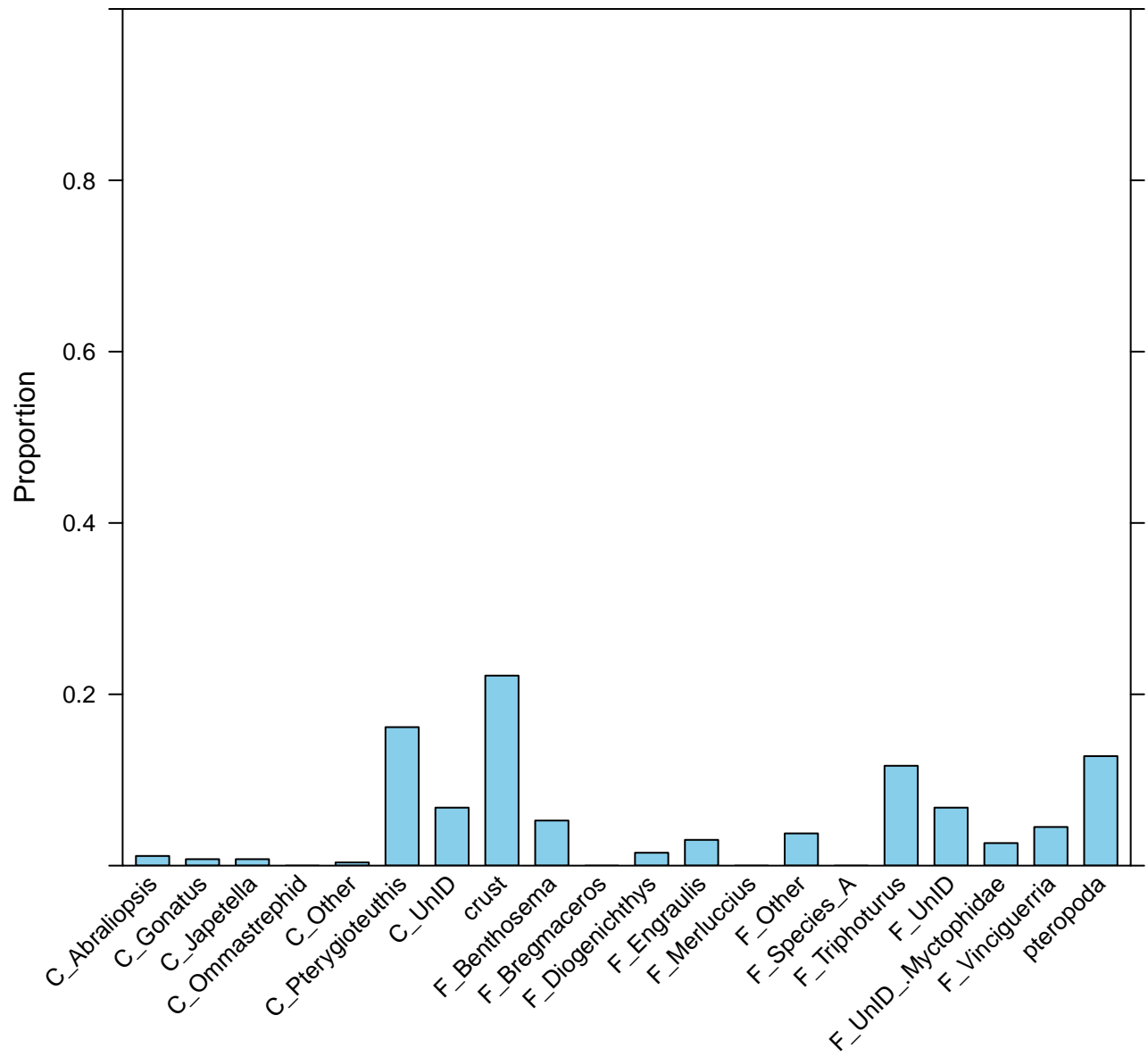
## Distribution of Species : 2006



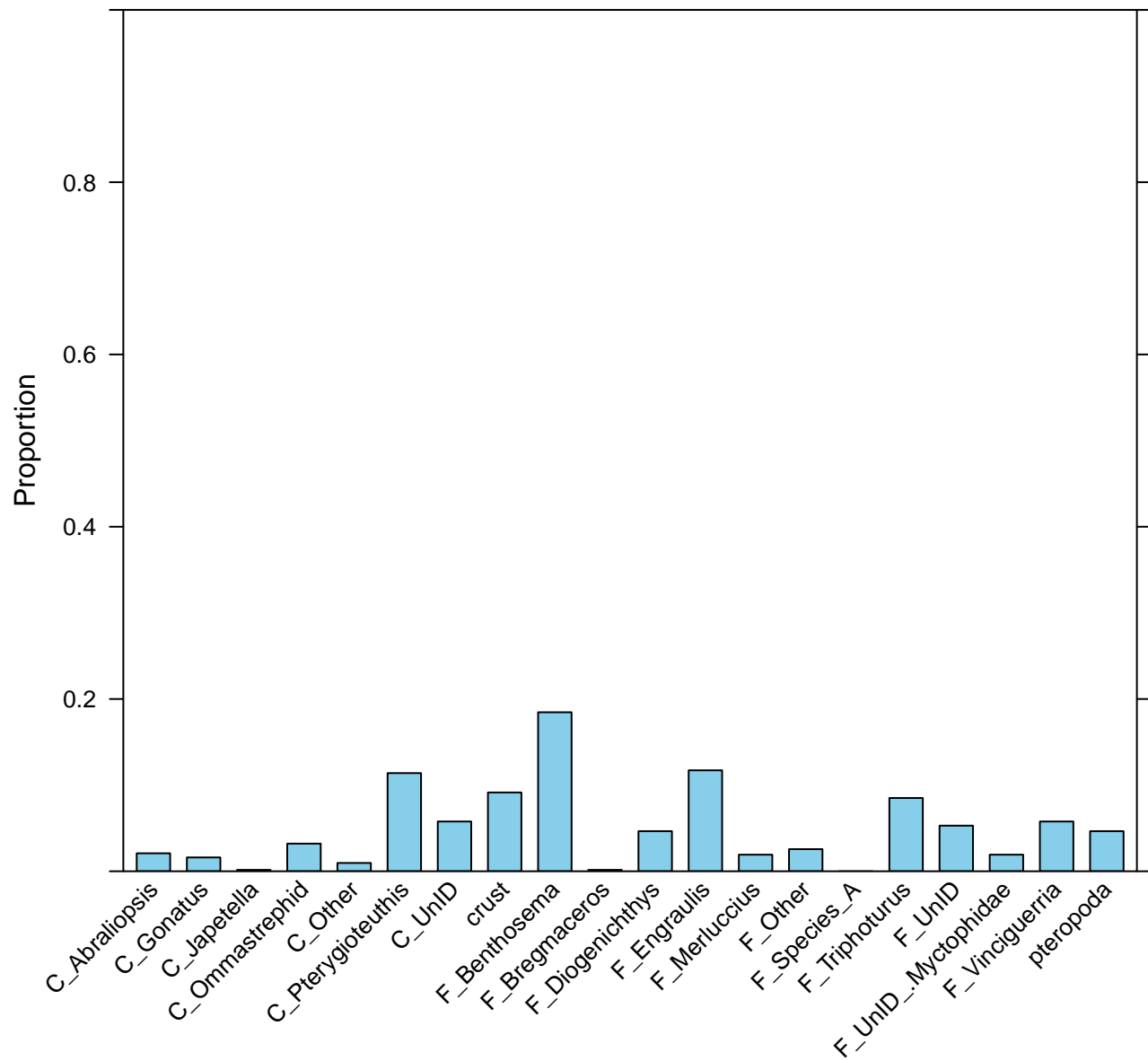
## Distribution of Species : 2007



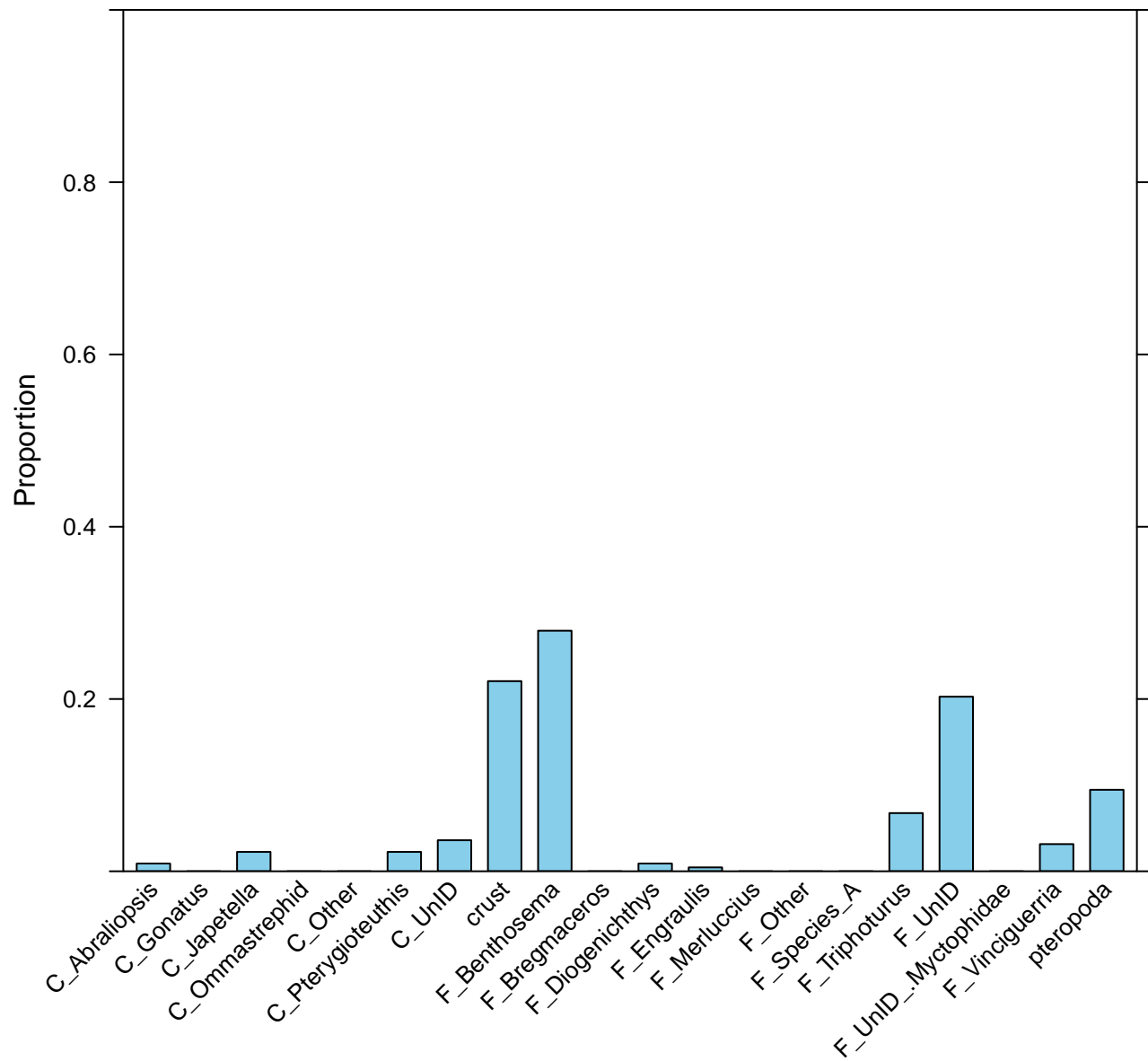
# Distribution of Species : 2010



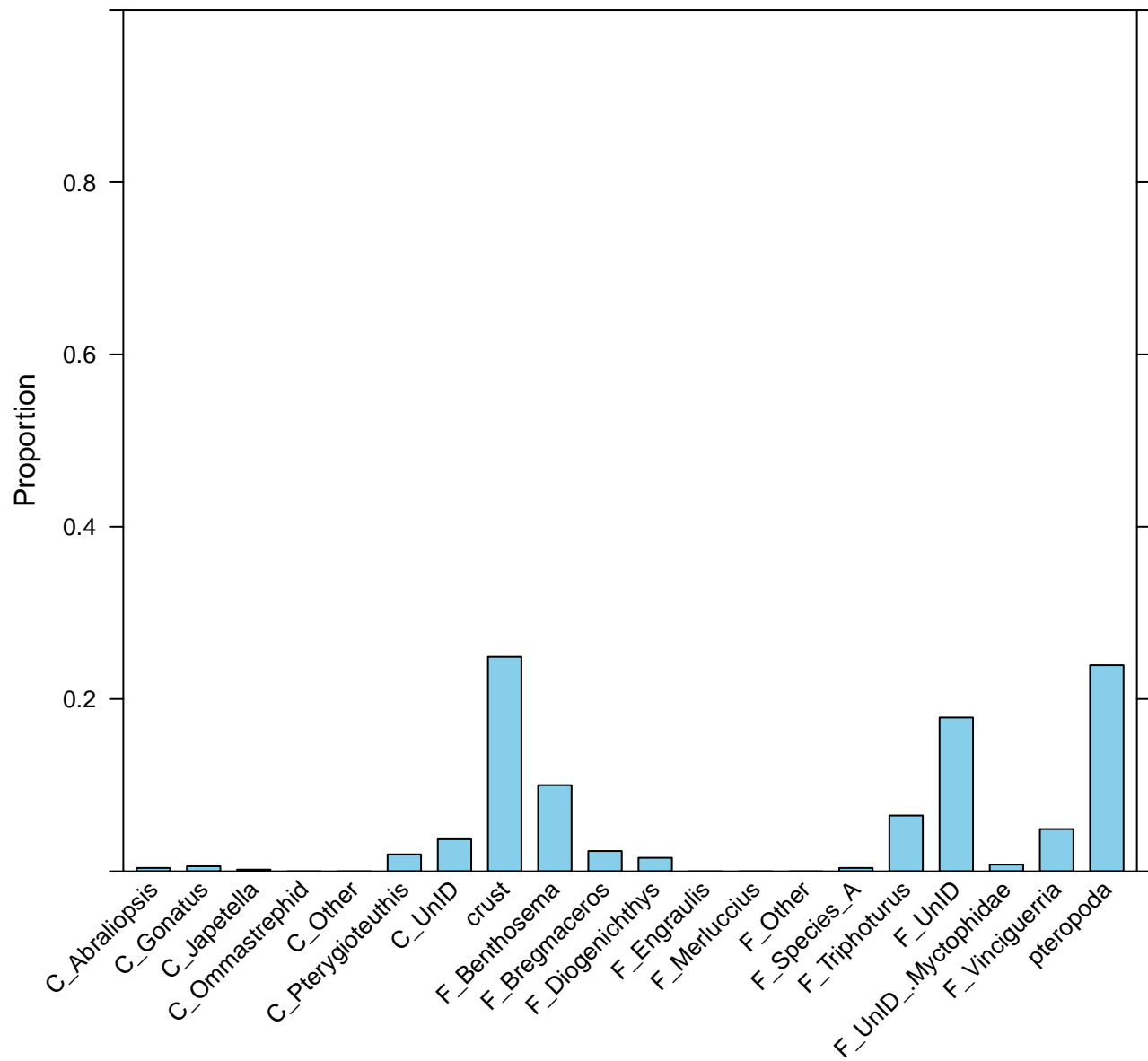
# Distribution of Species : 2011



## Distribution of Species : 2015

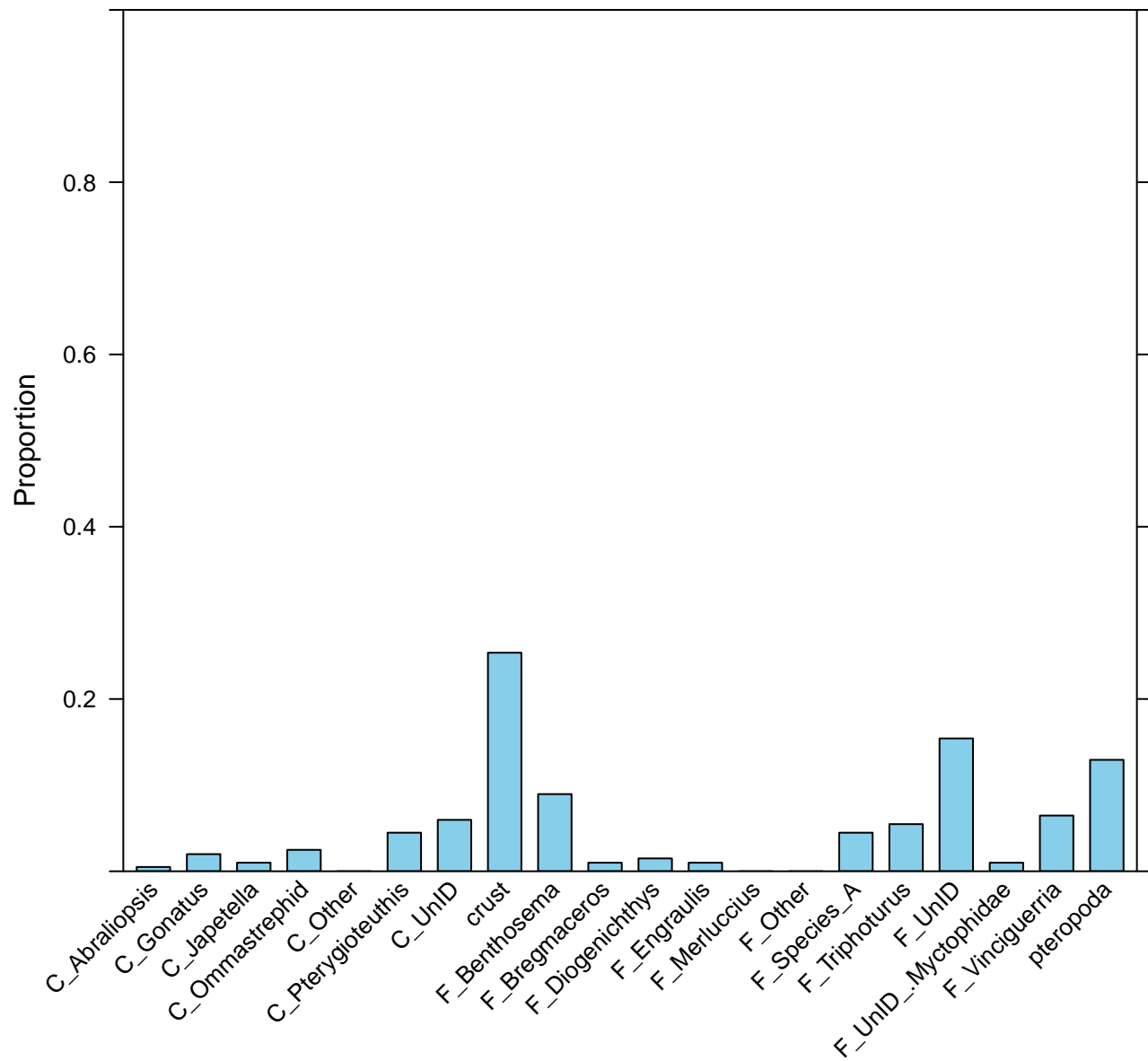


# Distribution of Species : 2016

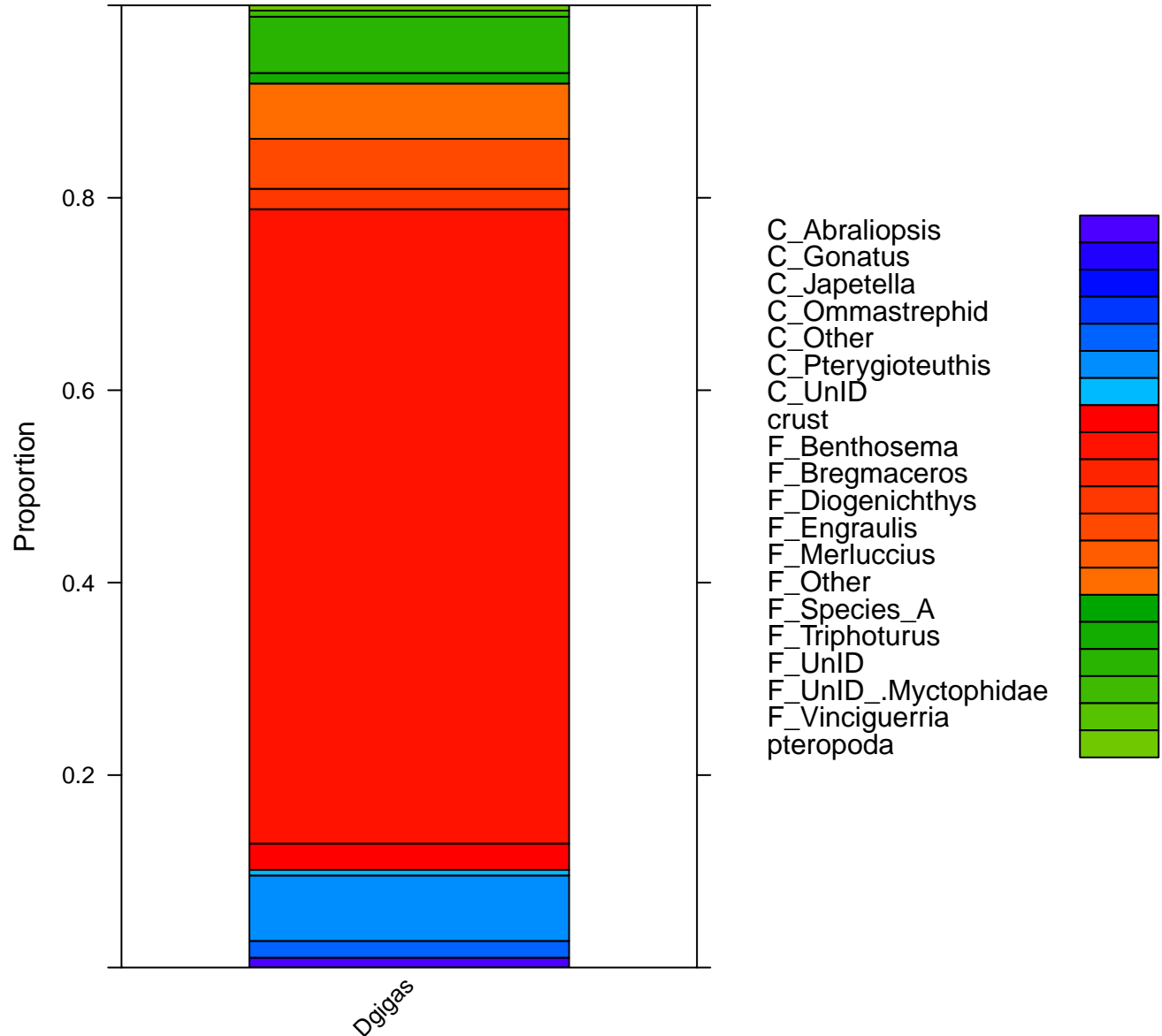




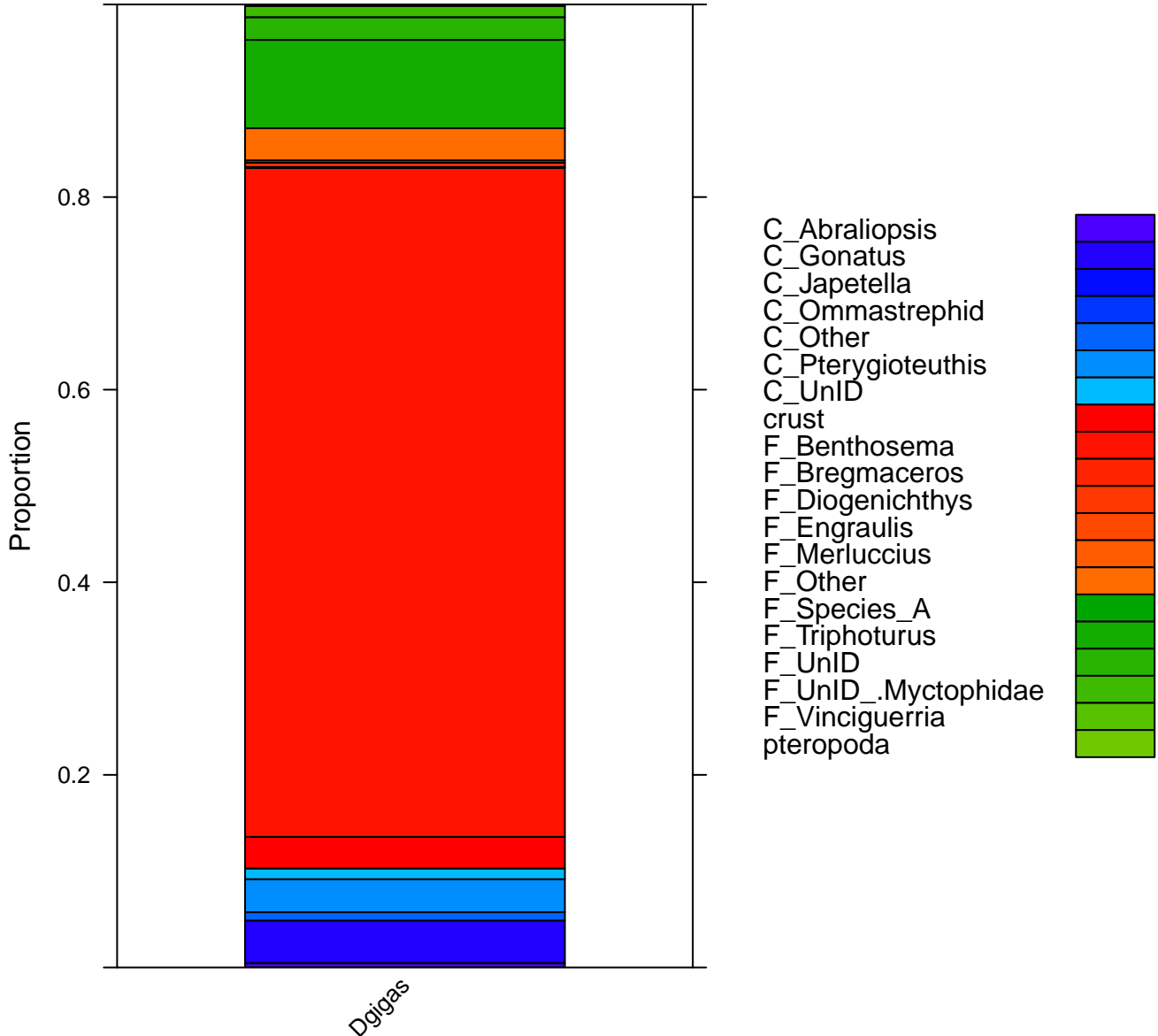
# Distribution of Species : 2017



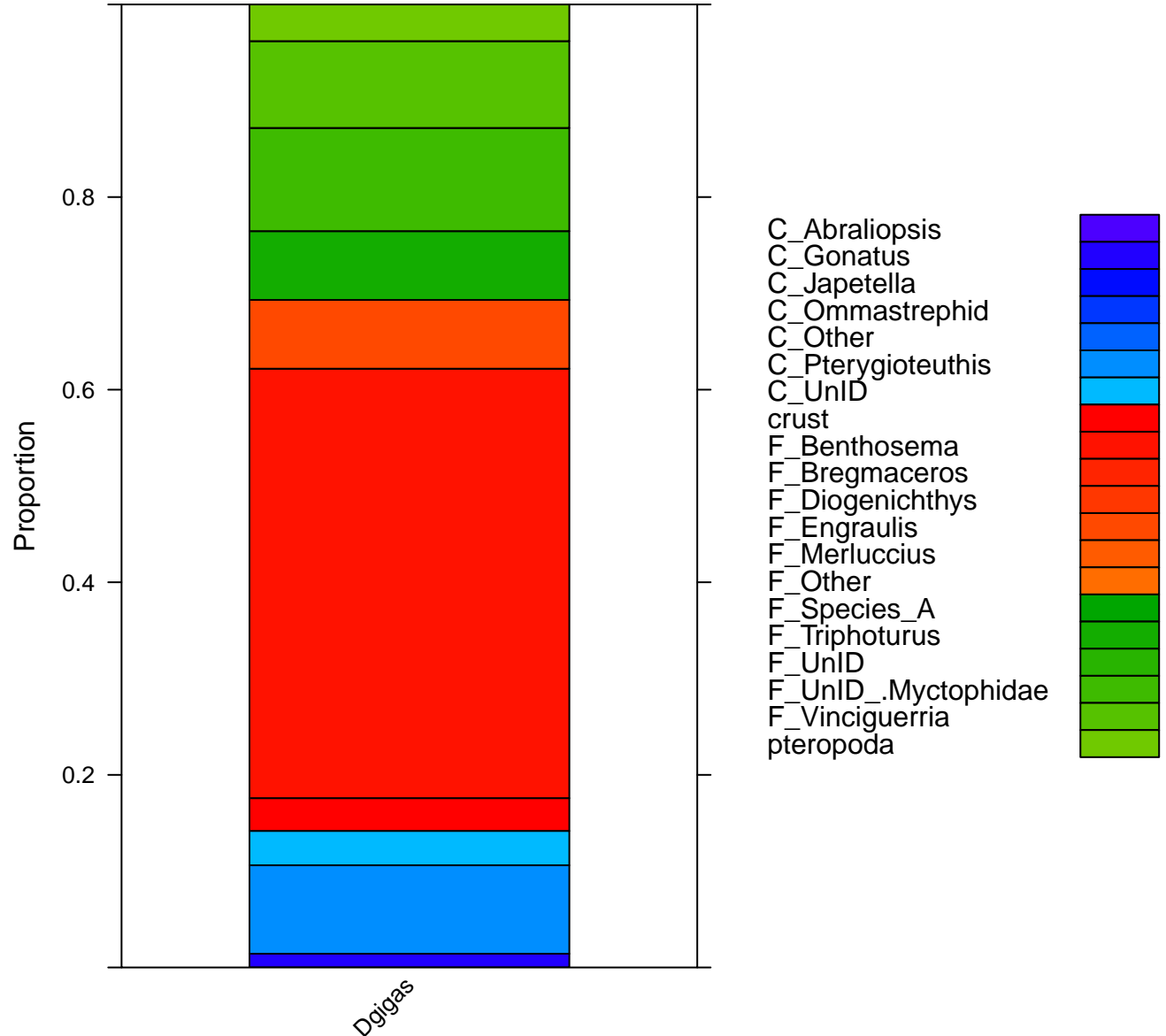
# Composition of Species : 1996



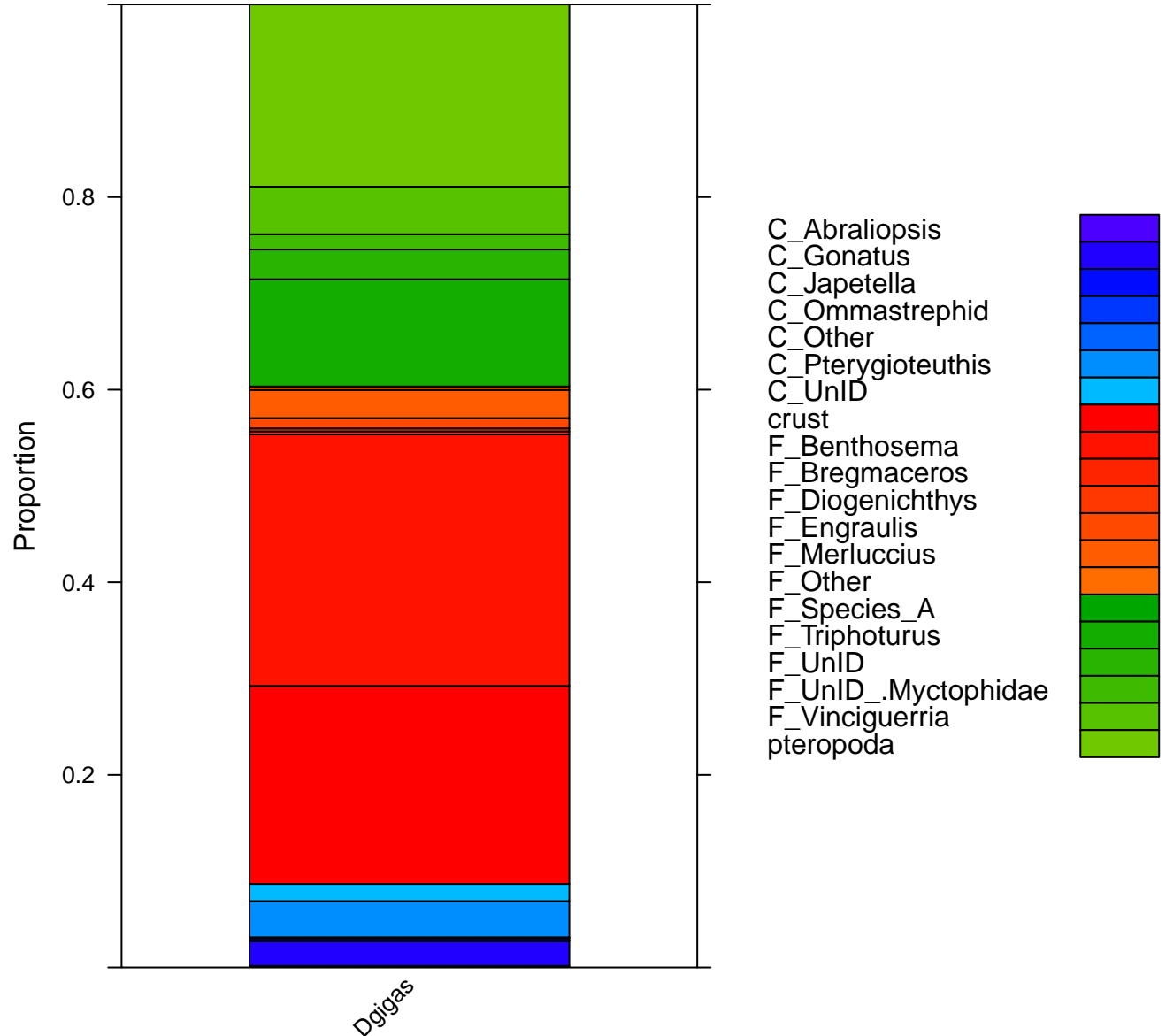
# Composition of Species : 1997



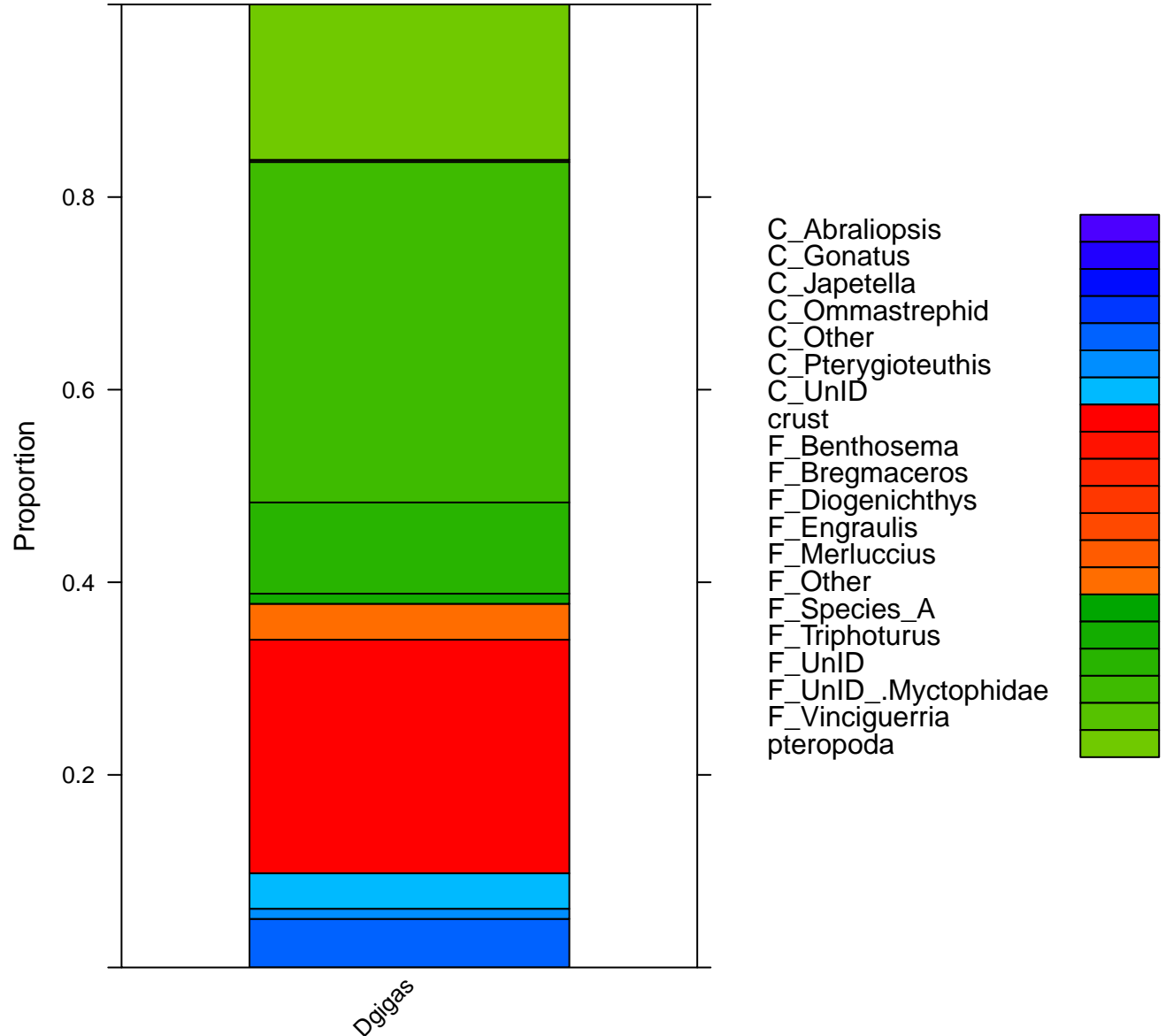
# Composition of Species : 1998



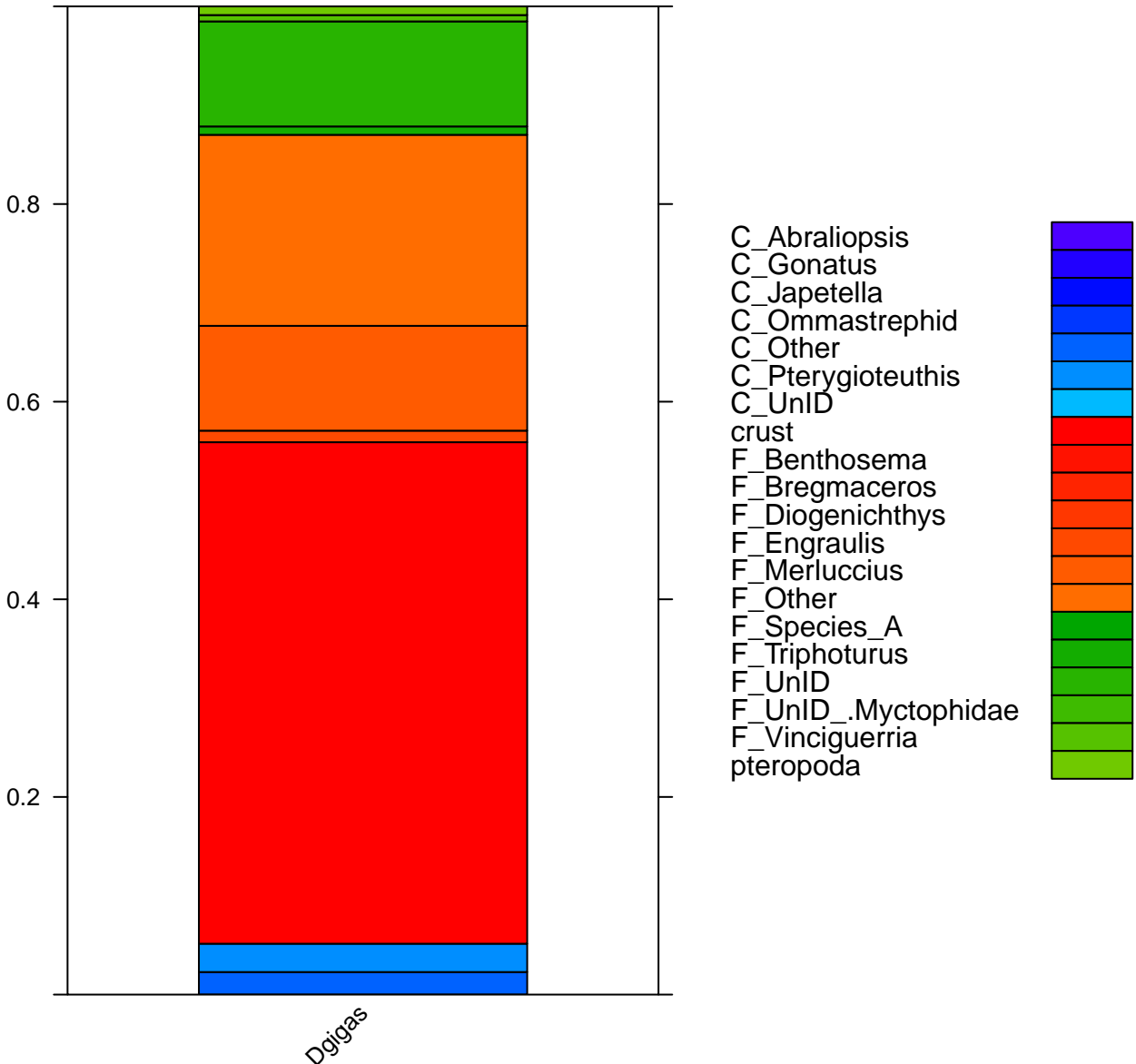
# Composition of Species : 1999



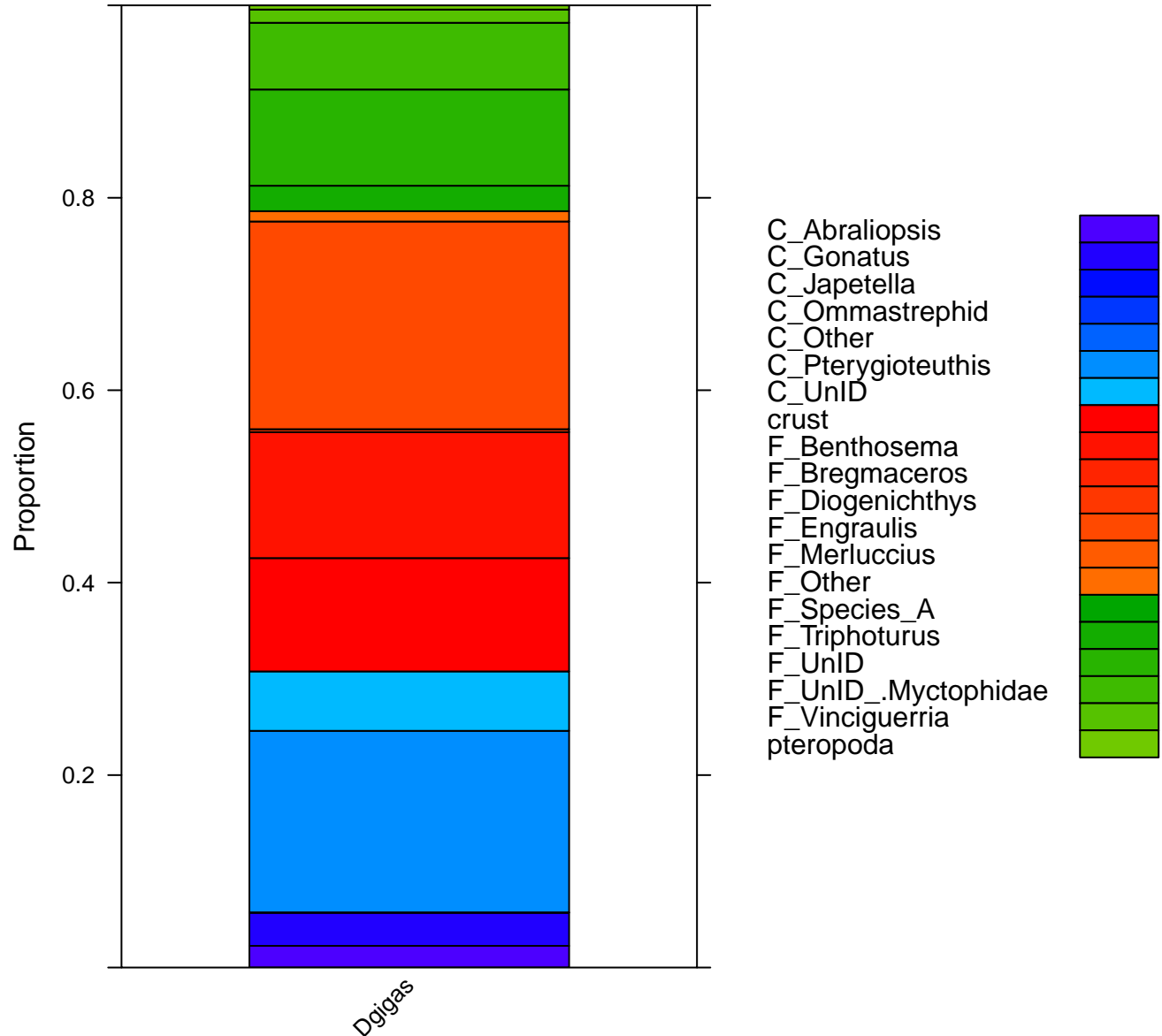
# Composition of Species : 2000



Dgigas

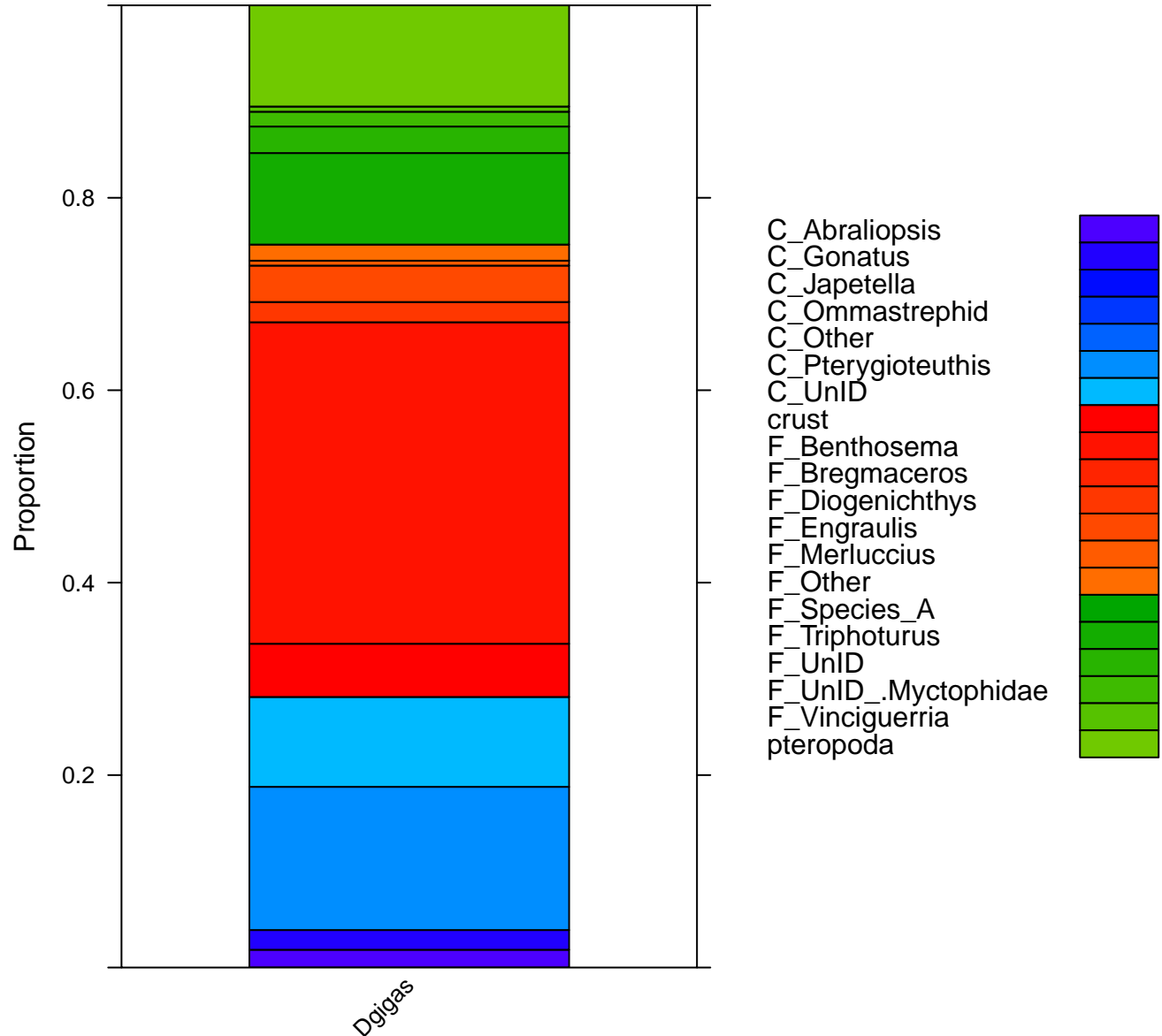


# Composition of Species : 2006

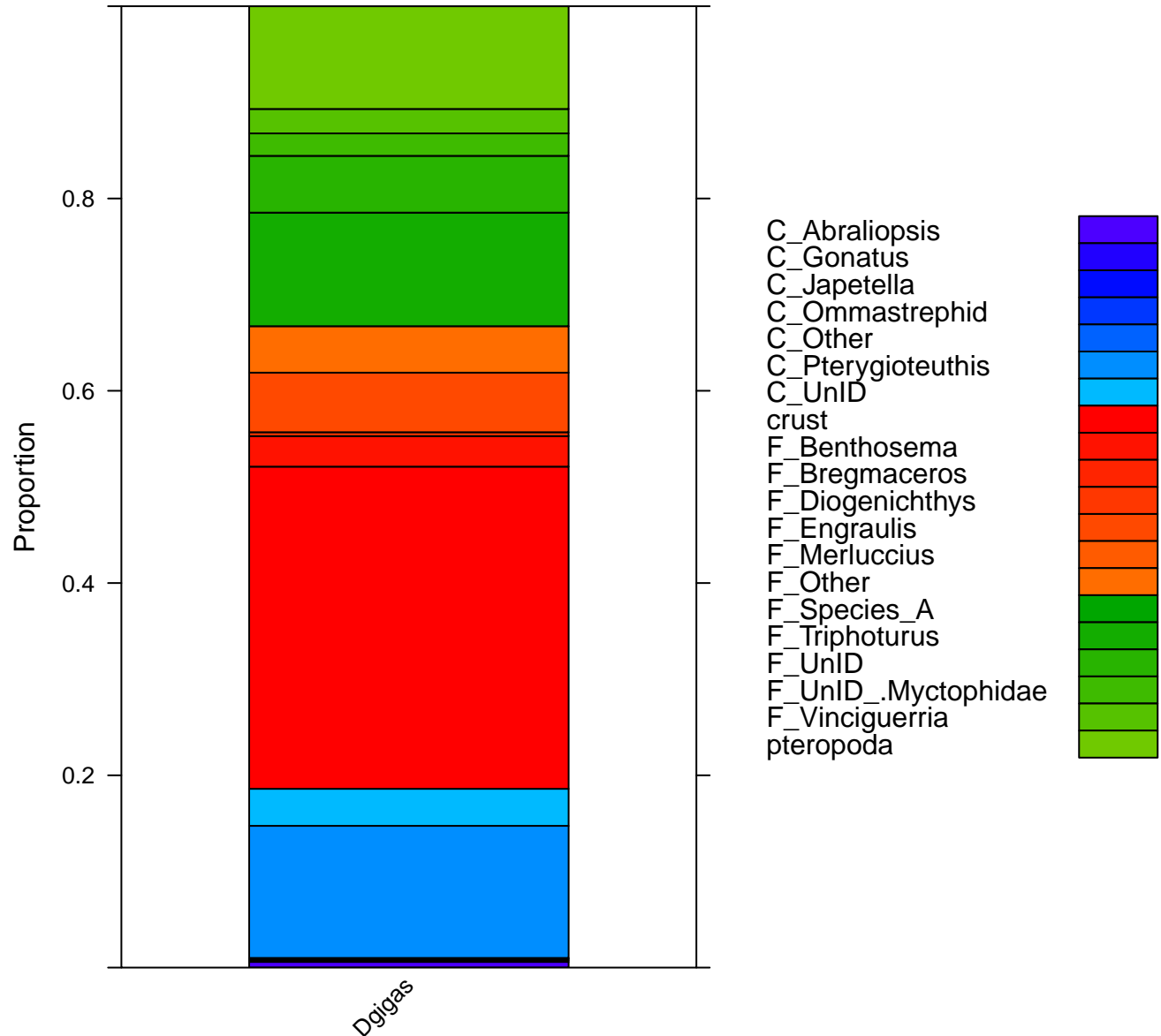




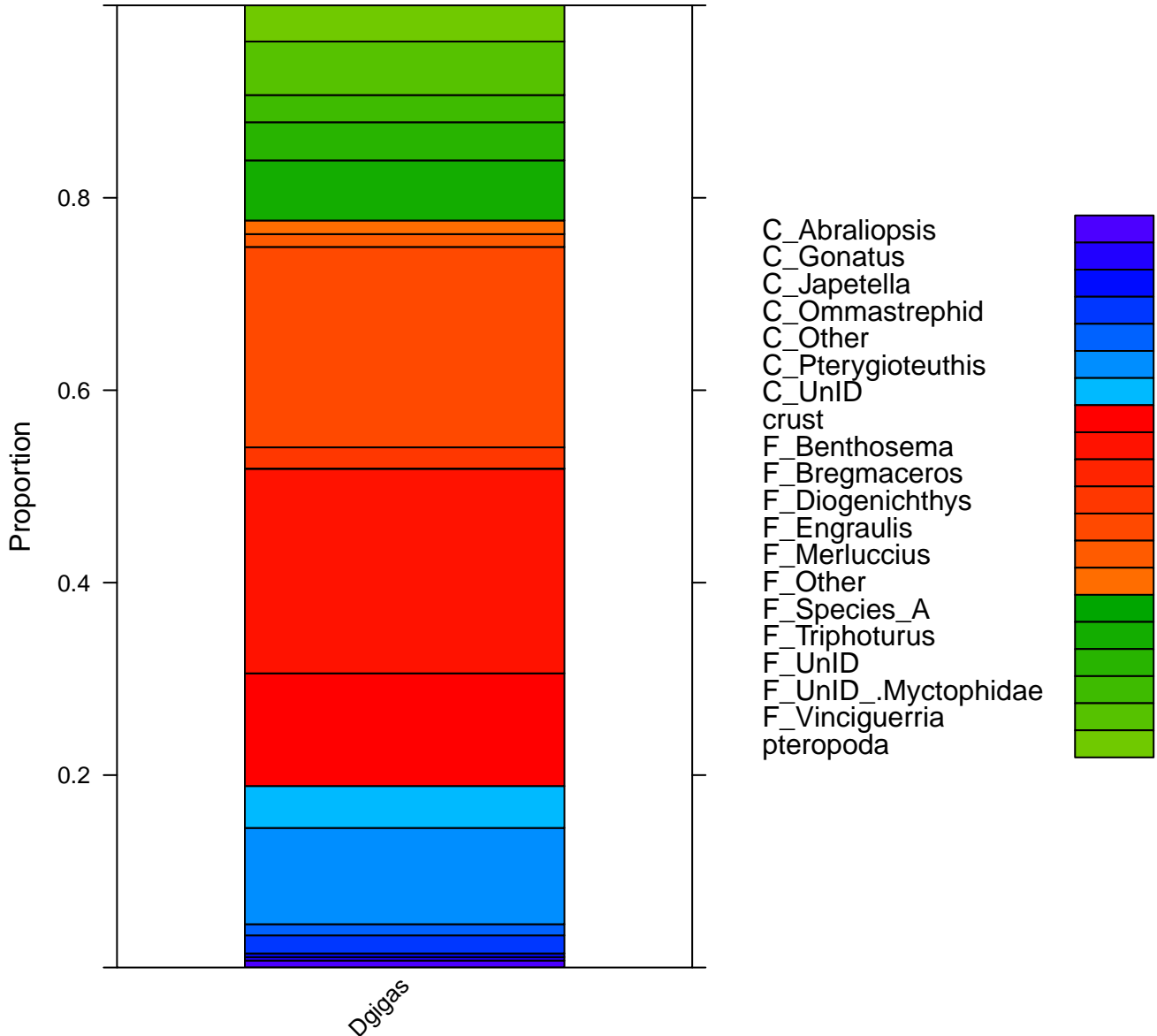
# Composition of Species : 2007



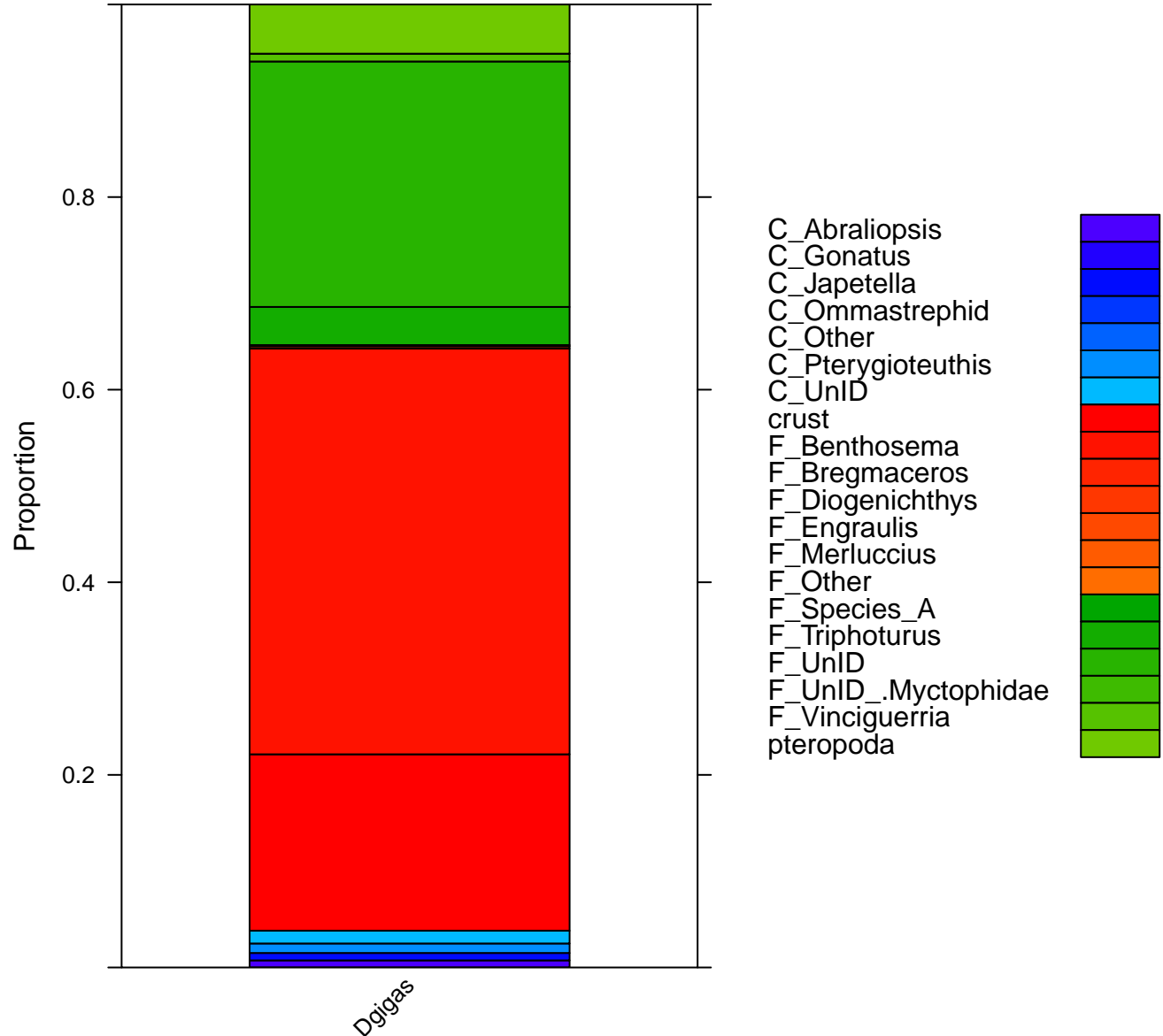
# Composition of Species : 2010



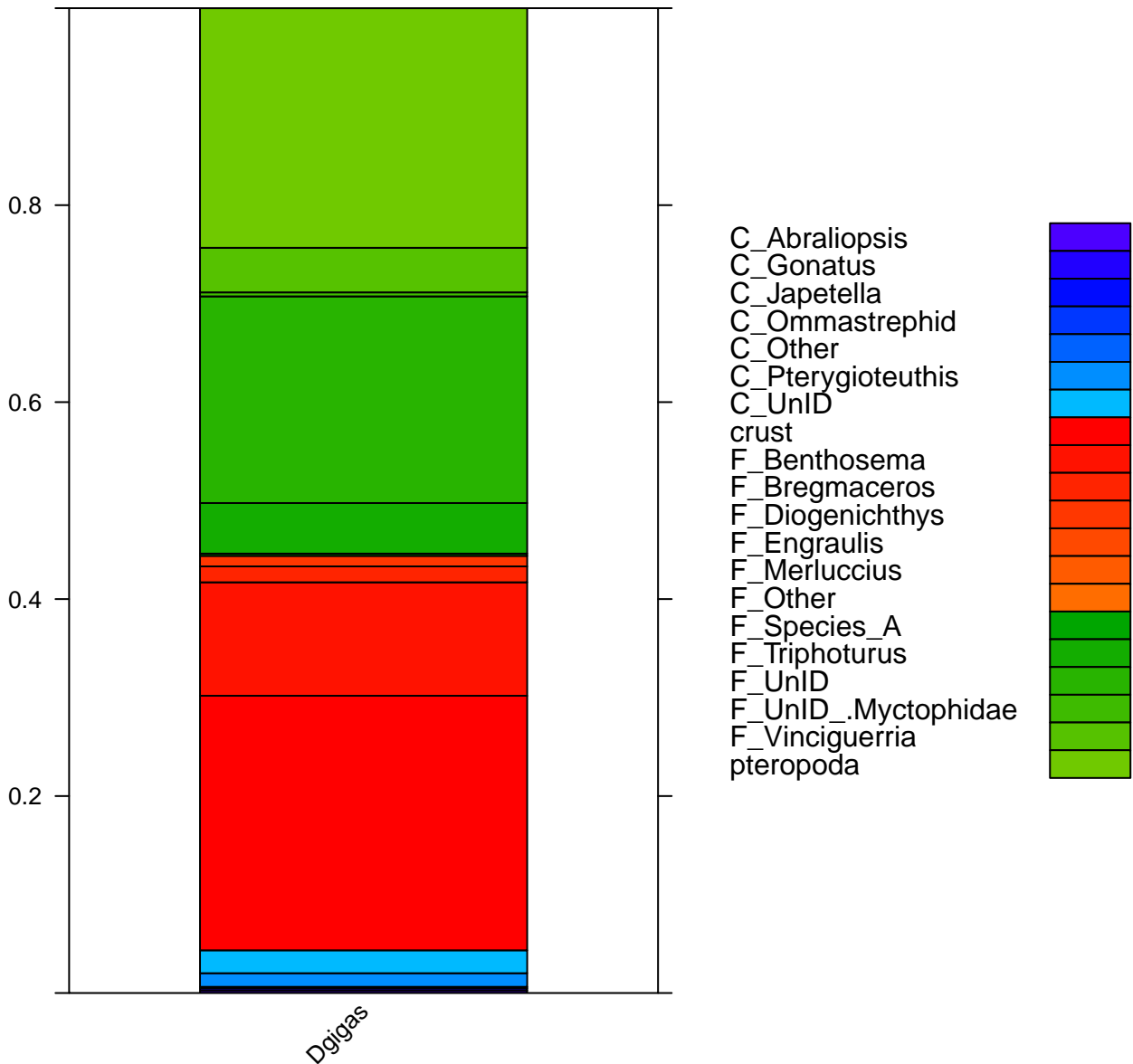
# Composition of Species : 2011



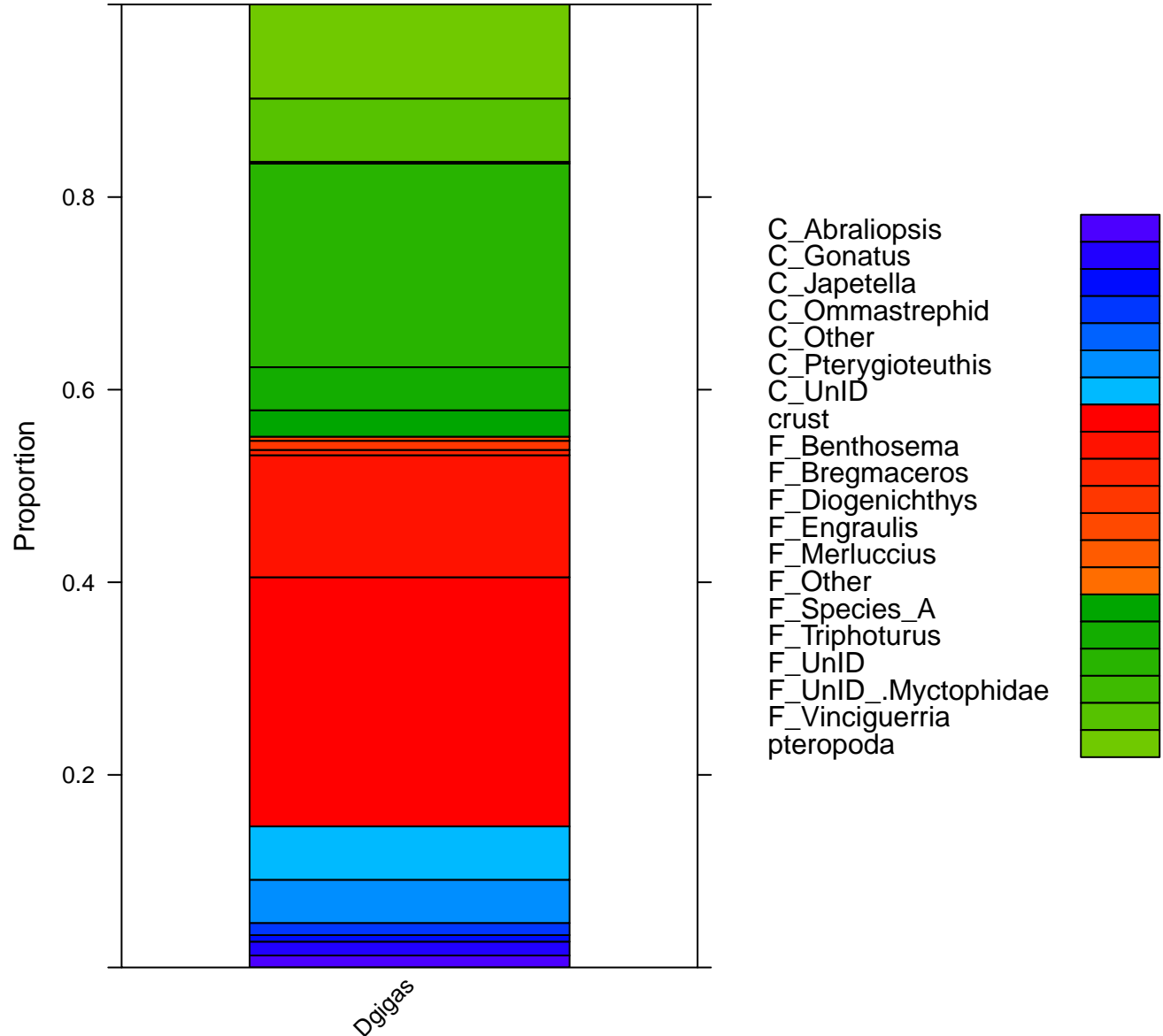
# Composition of Species : 2015



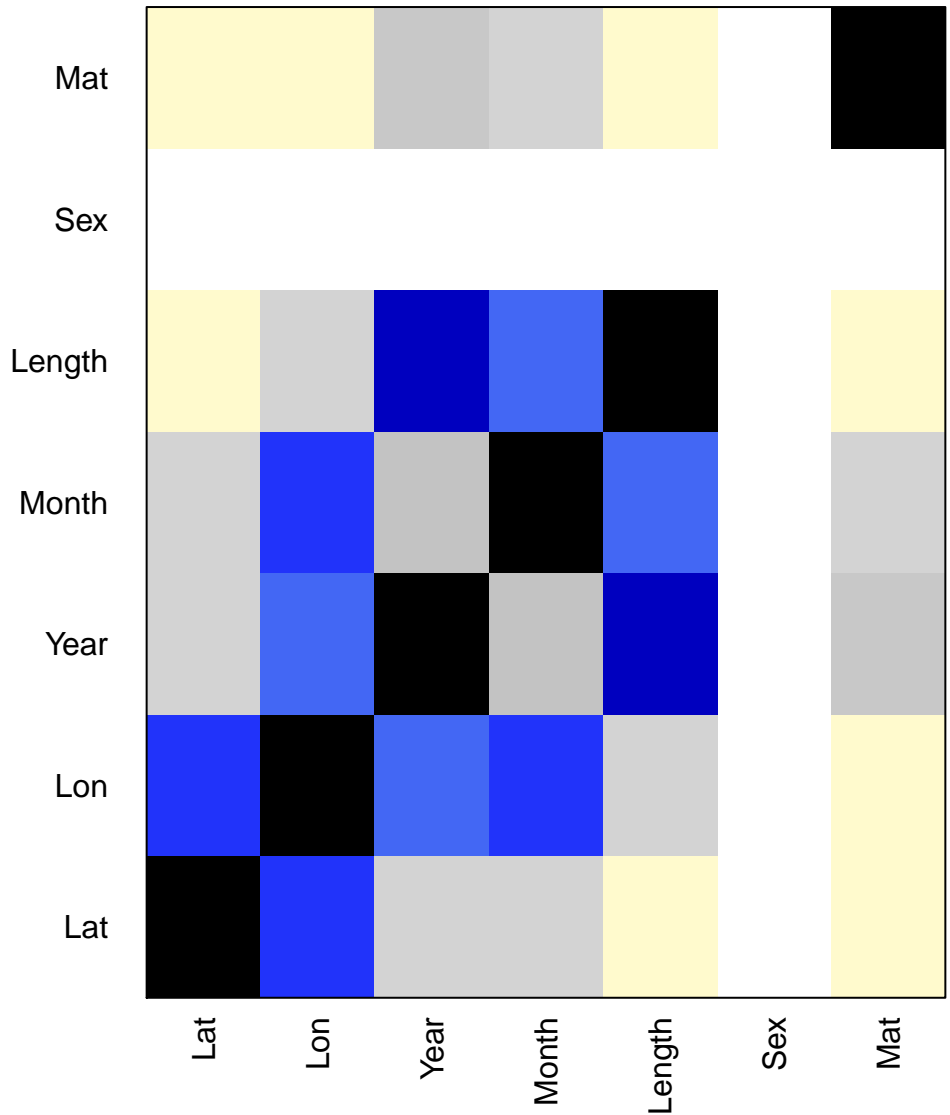
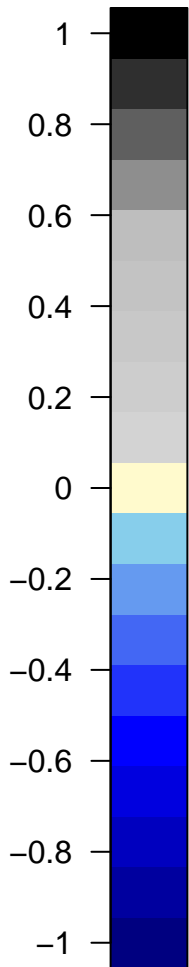
Dgigas



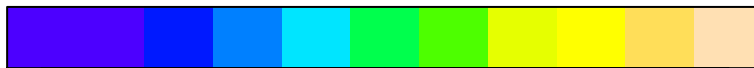
# Composition of Species : 2017



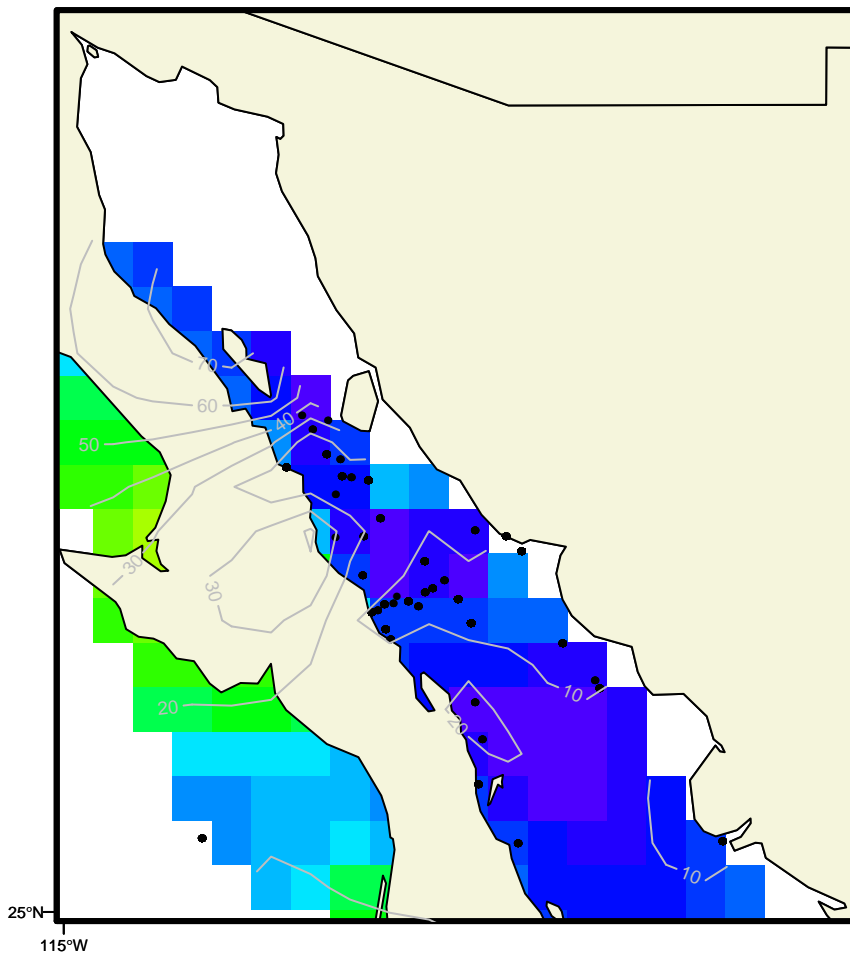
Spearman Rank Correlation of X-variables



# Predicted Length



14.44 91.93 169.41 324.37 479.34 634.3 711.78





# Predicted Lat

