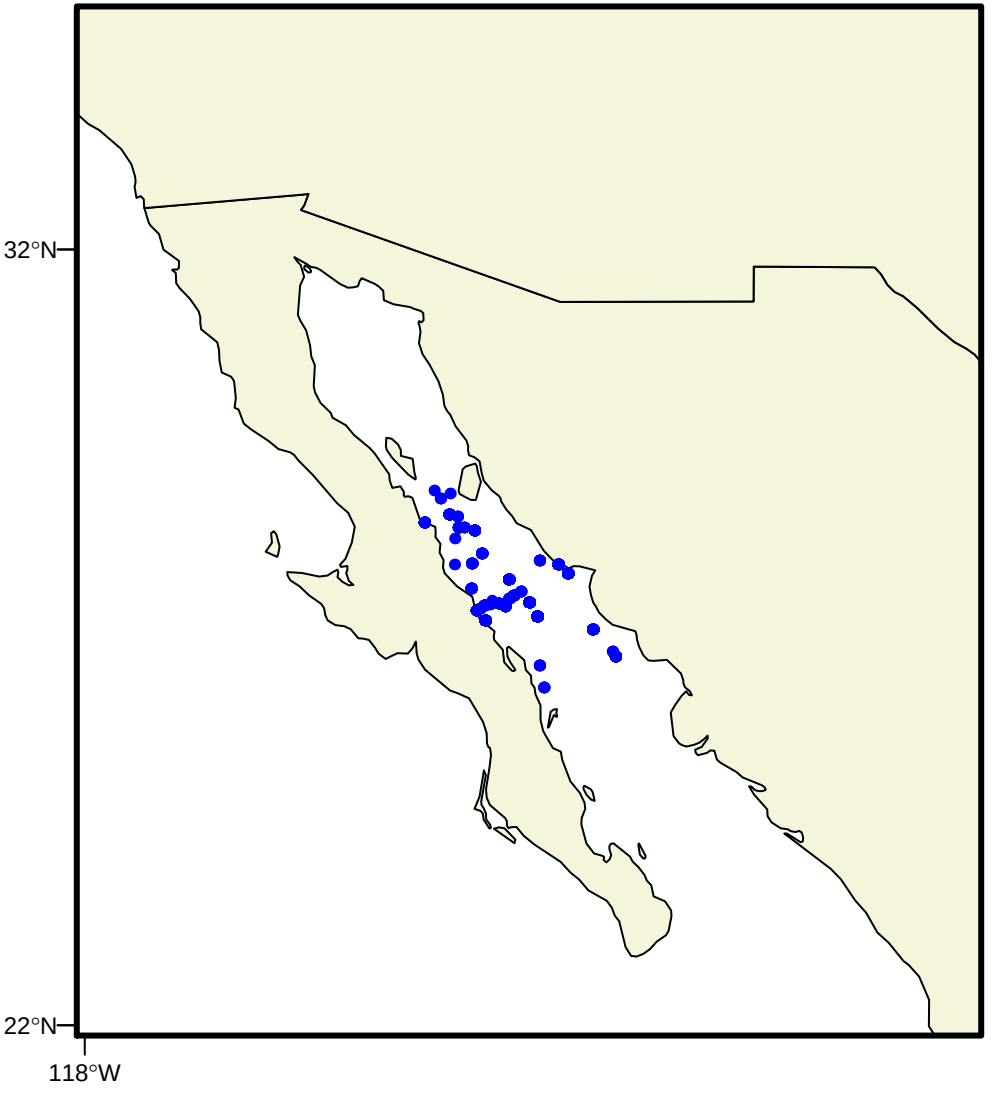
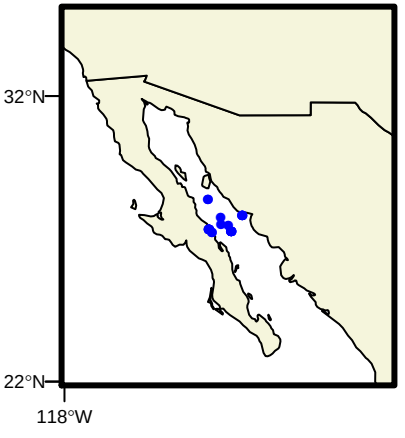
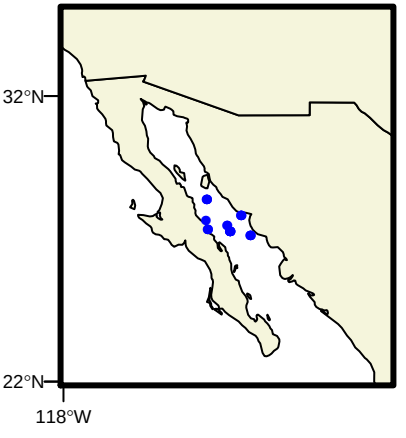
Distribution of Samples



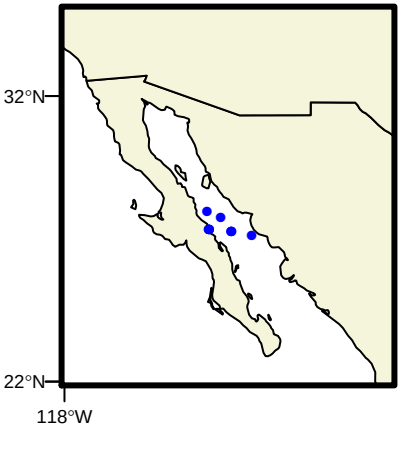
C_Abraliopsis



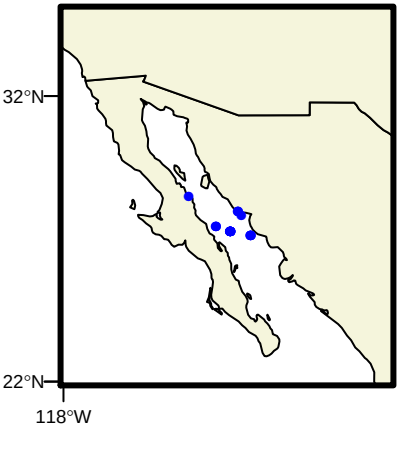
C_Gonatus



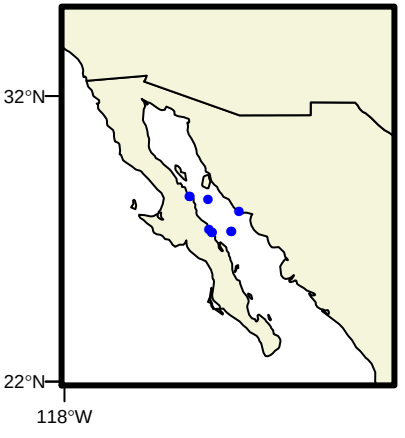
C_Japetella



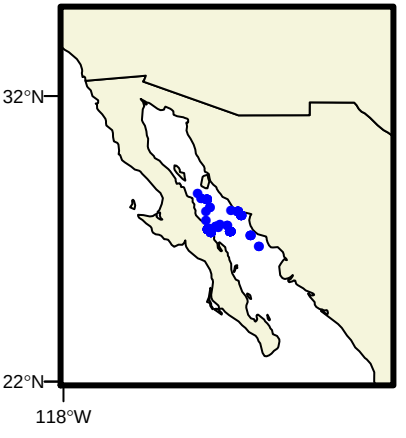
C_Ommastrephid



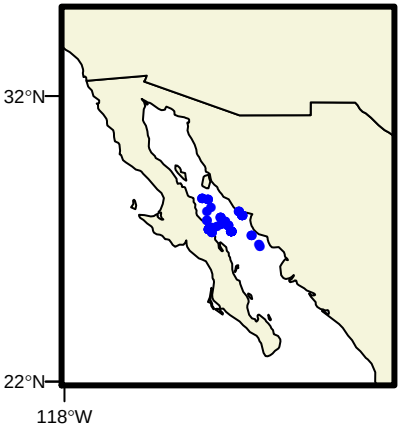
C_Other



C_Pterygioteuthis



C_UnID



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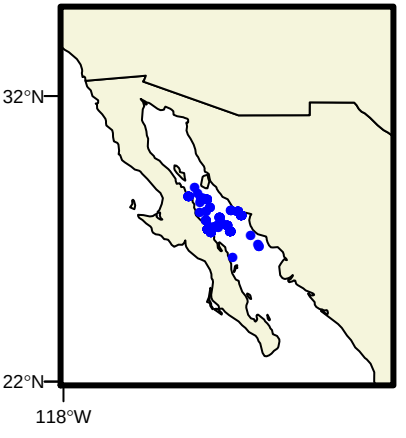

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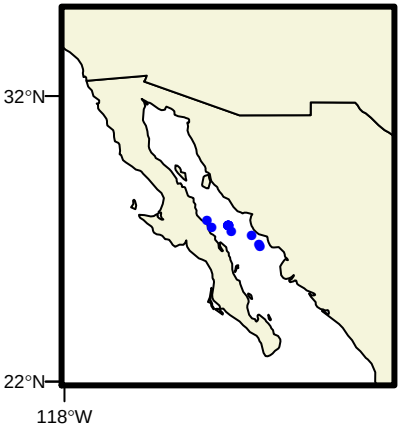

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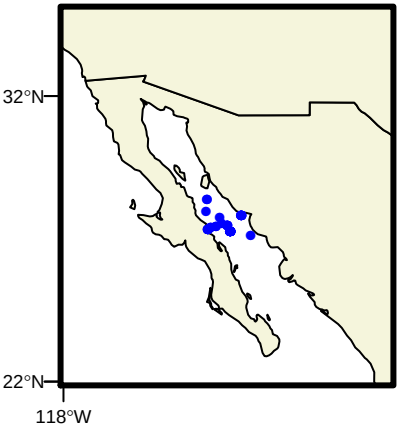
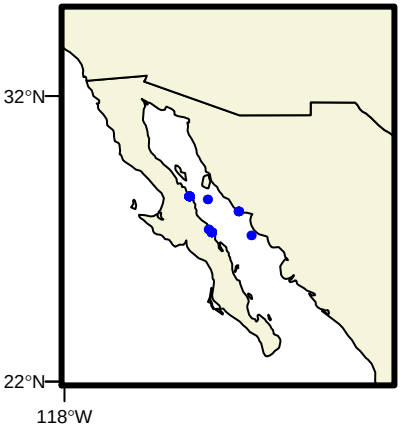
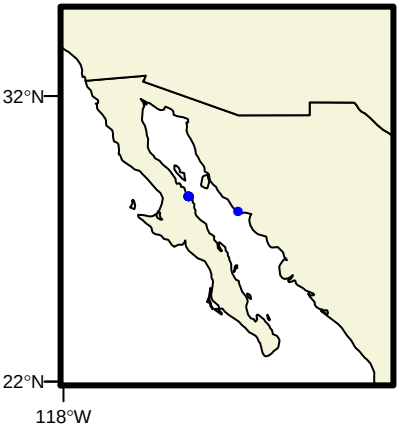


F_Engraulis



F_Merluccius



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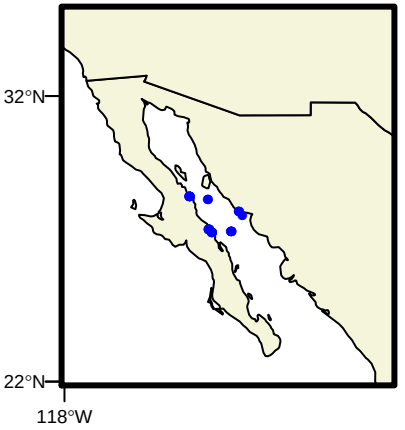
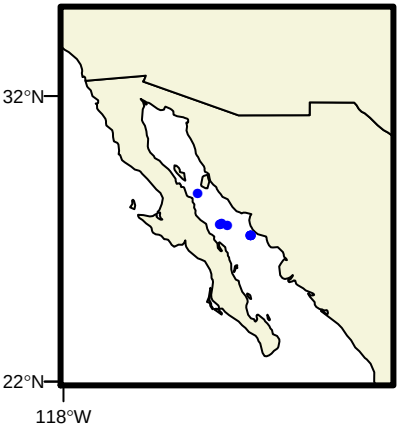
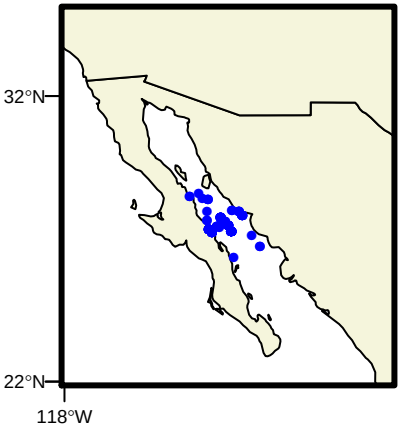


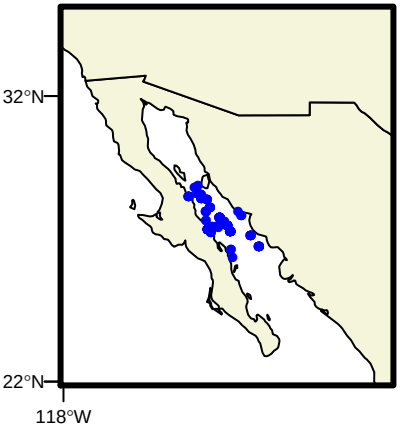
F_Species_A



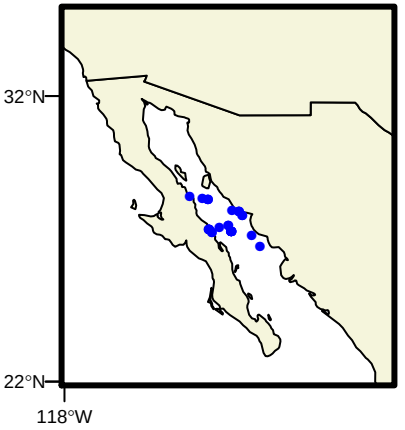
F_Triphoturus



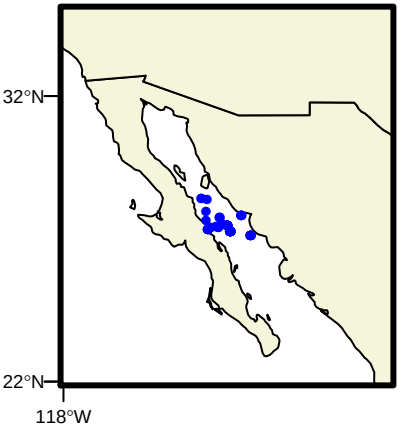
F_UnID



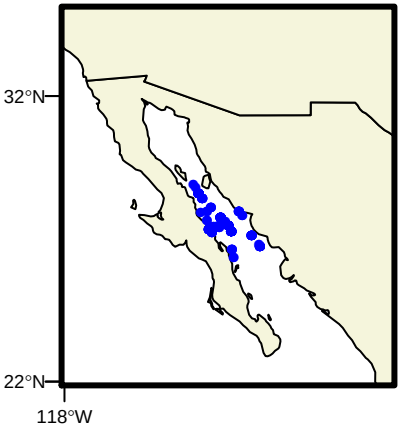
F_UnID_.Myctophidae



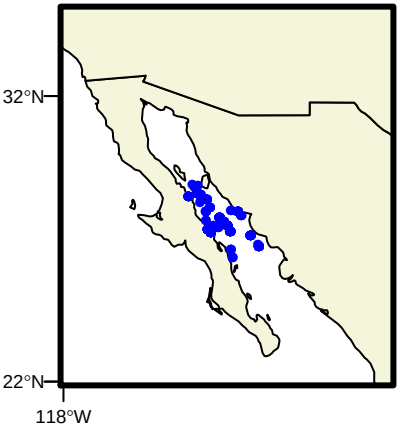
F_Vinciguerria

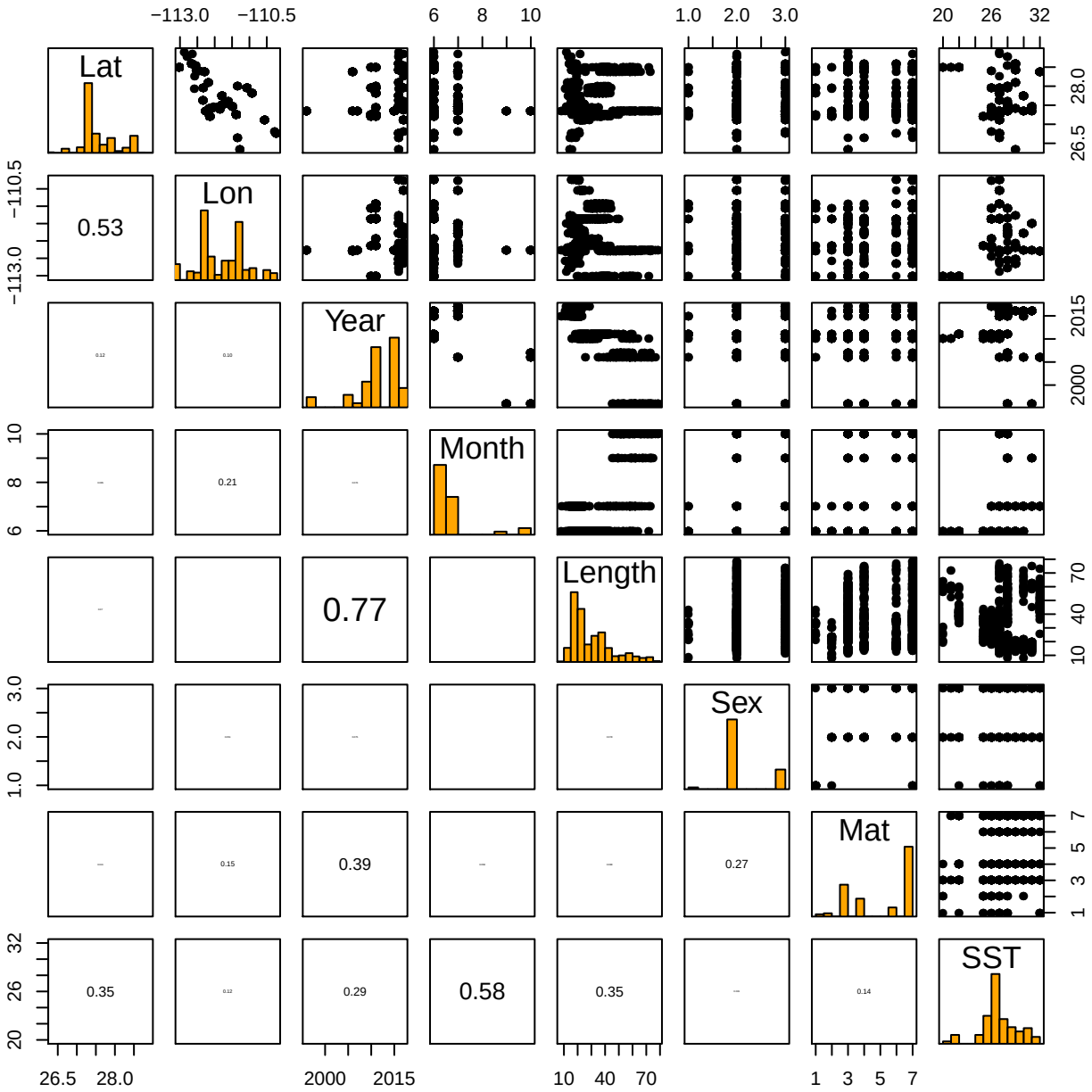


M_Pteropoda



R_Crust




Lat
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Year
Month
Length
Sex
Mat
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0.35
0.12
0.29
0.58
0.35
0.14
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2015
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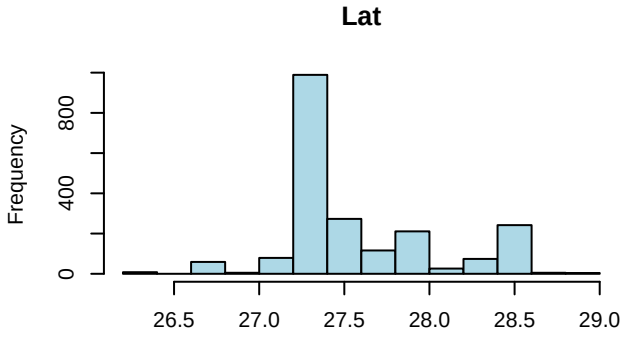
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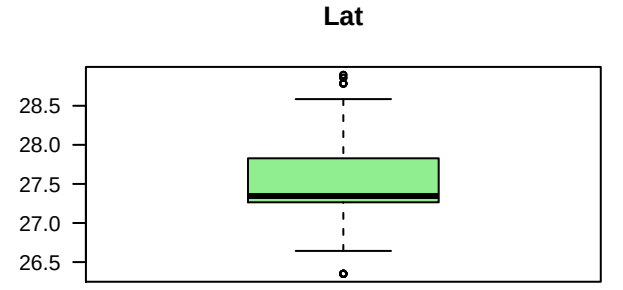
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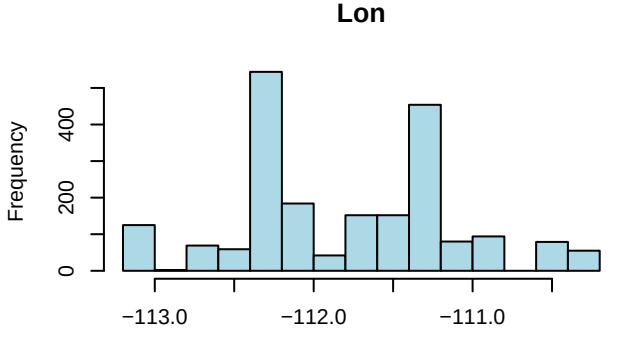
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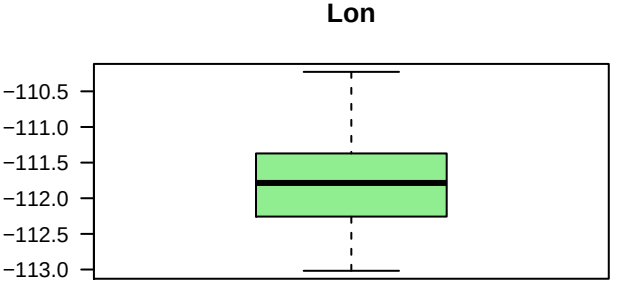
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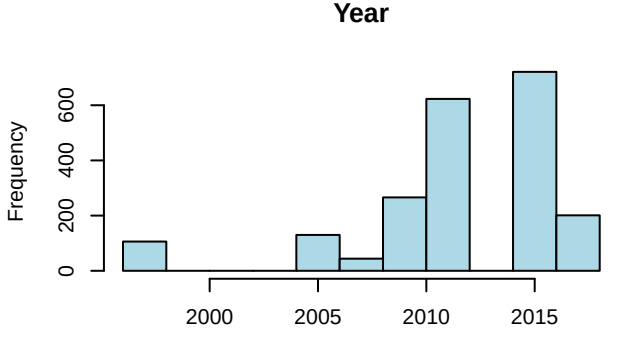
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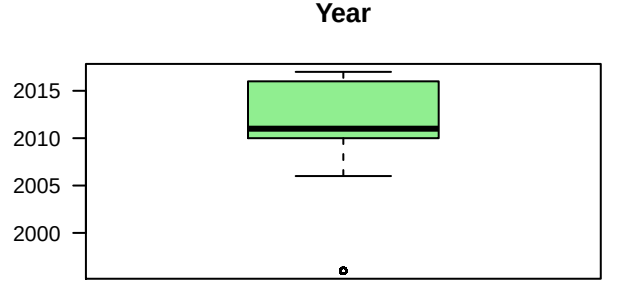
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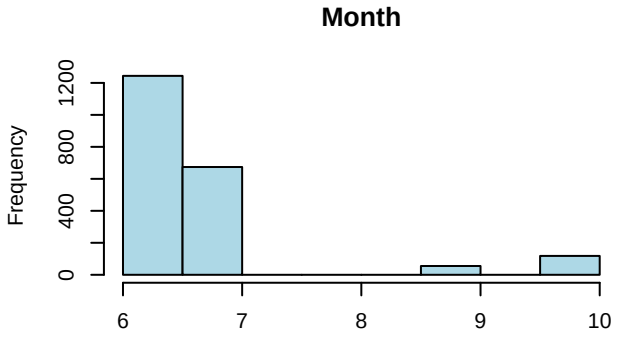
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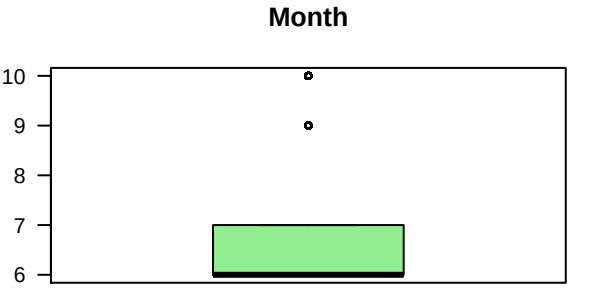
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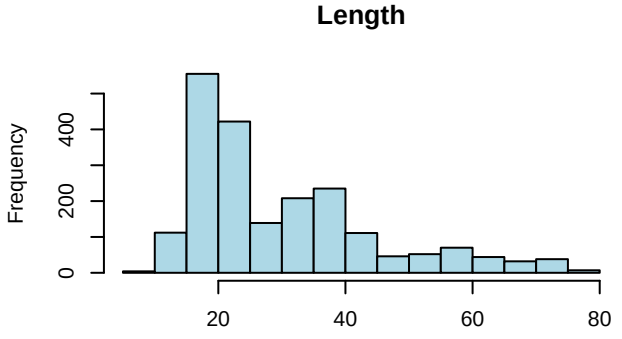
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Frequency
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20
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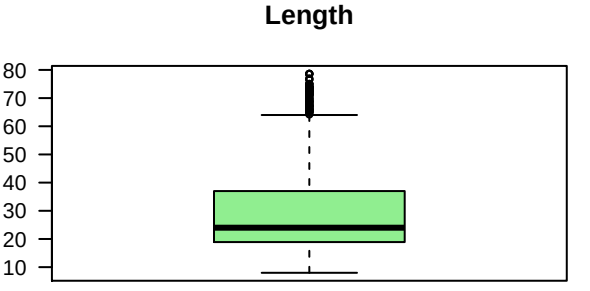
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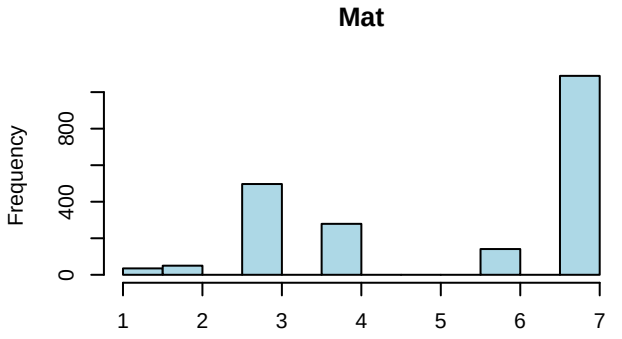
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Frequency
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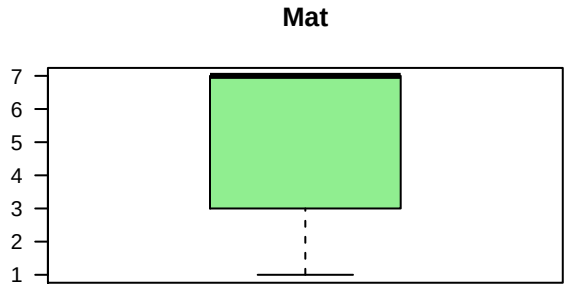
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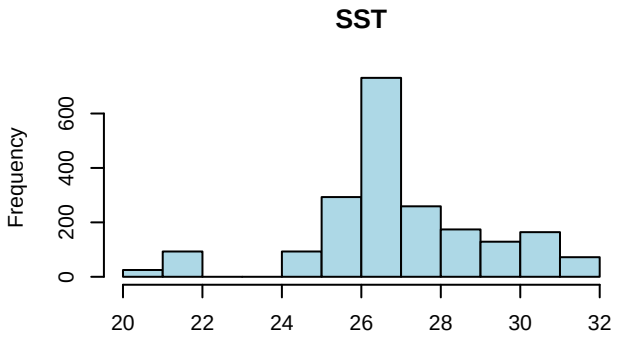
SST
Frequency
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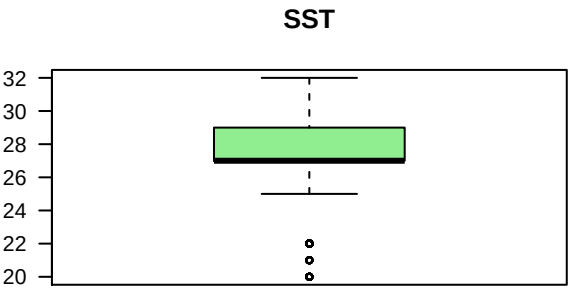
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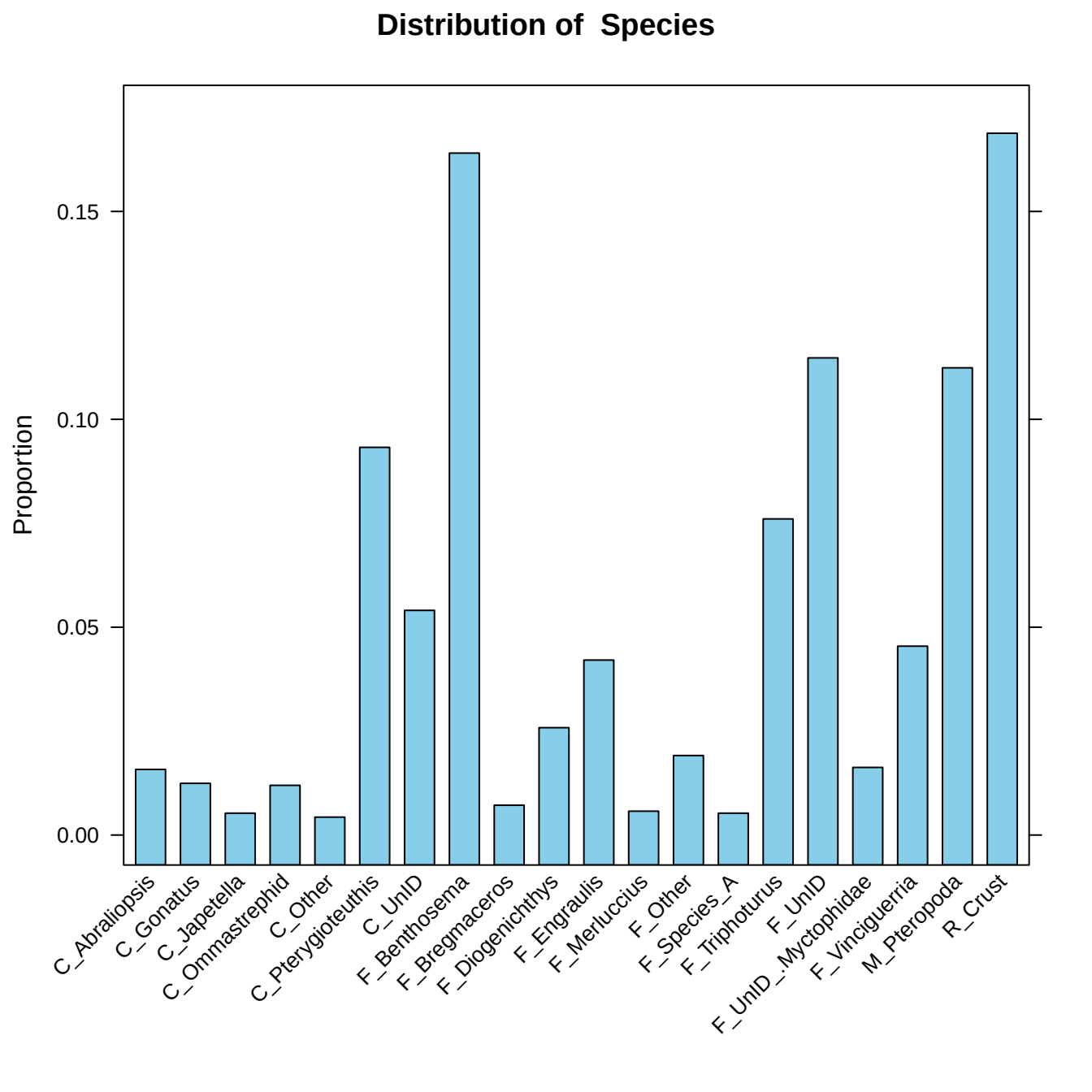
Distribution of Species
Proportion
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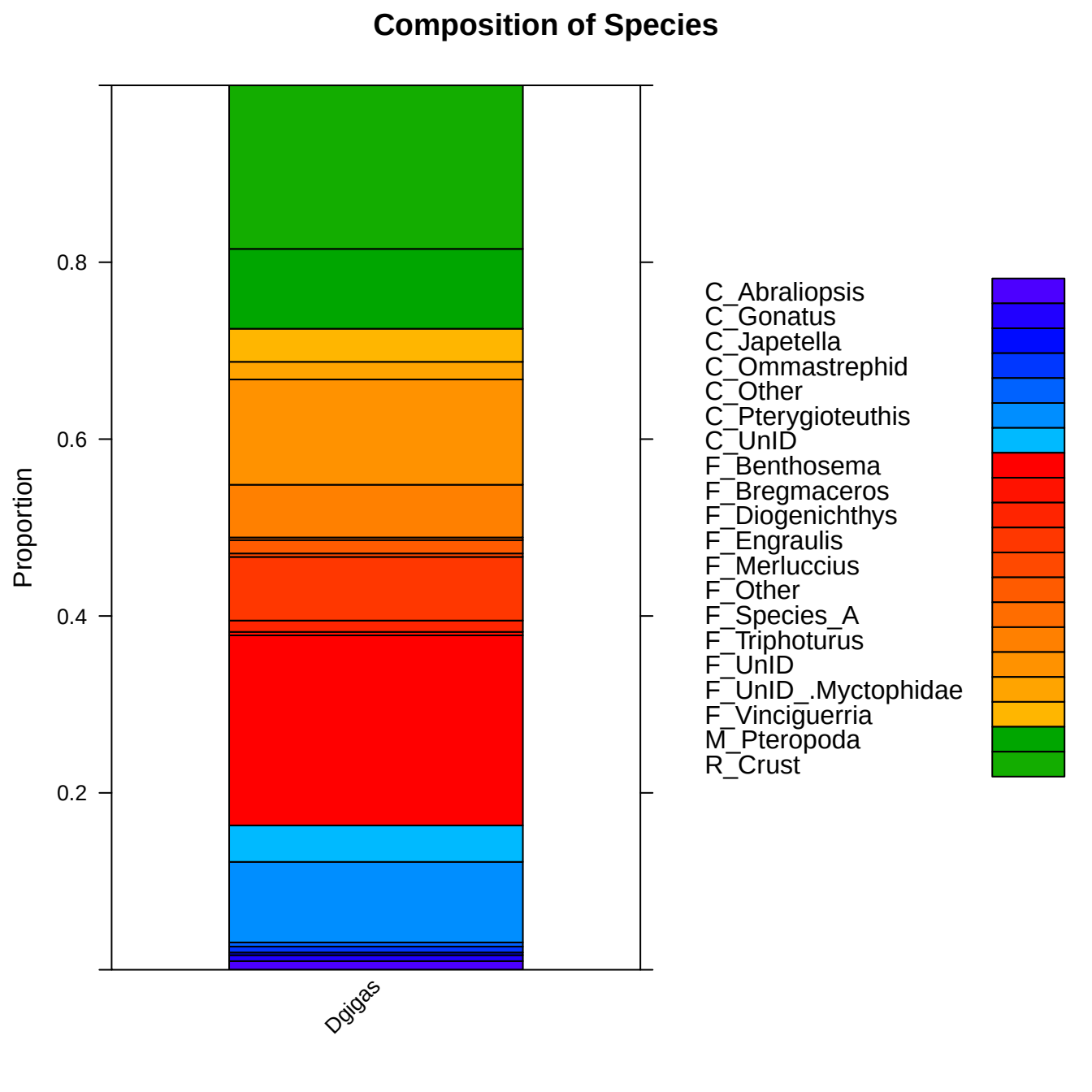
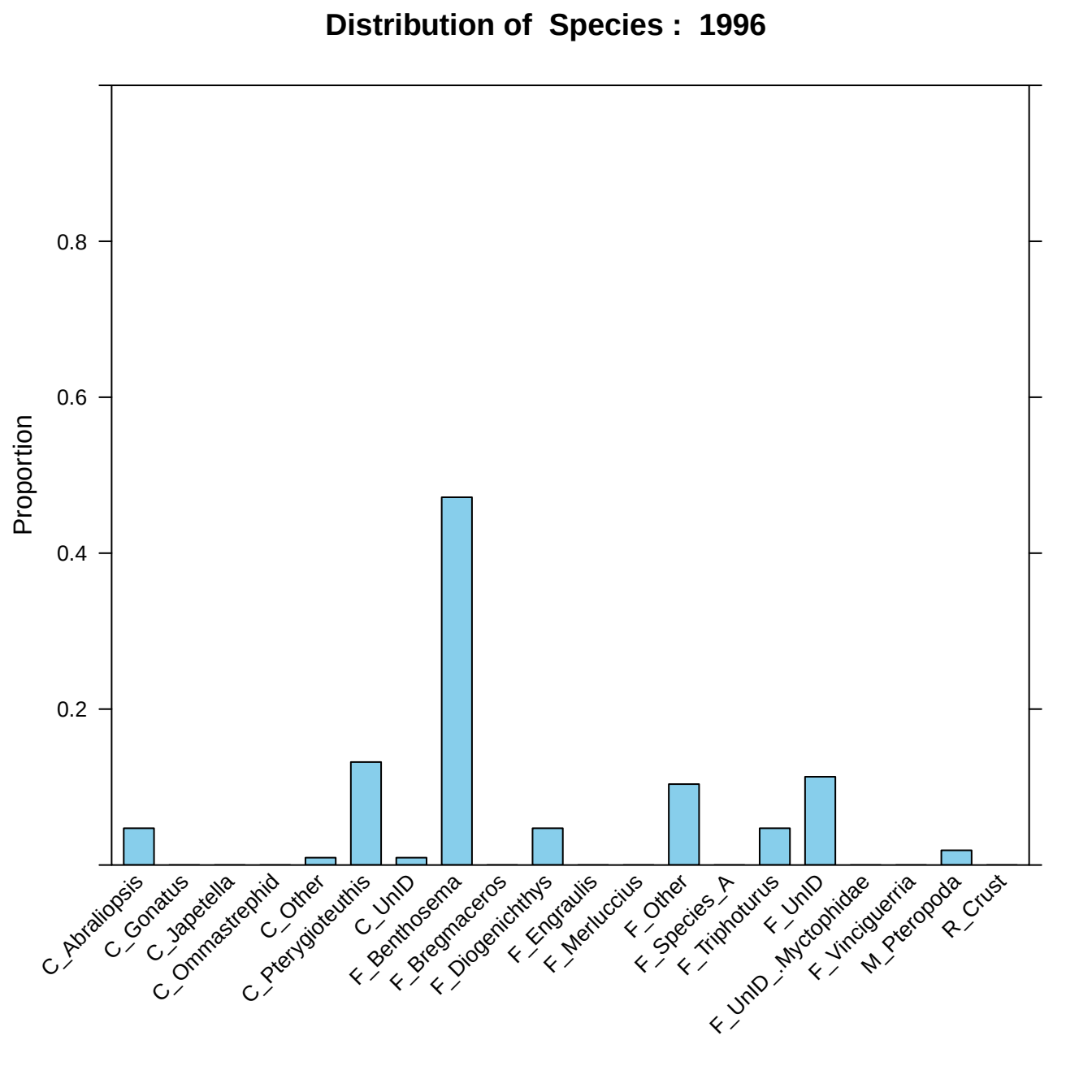
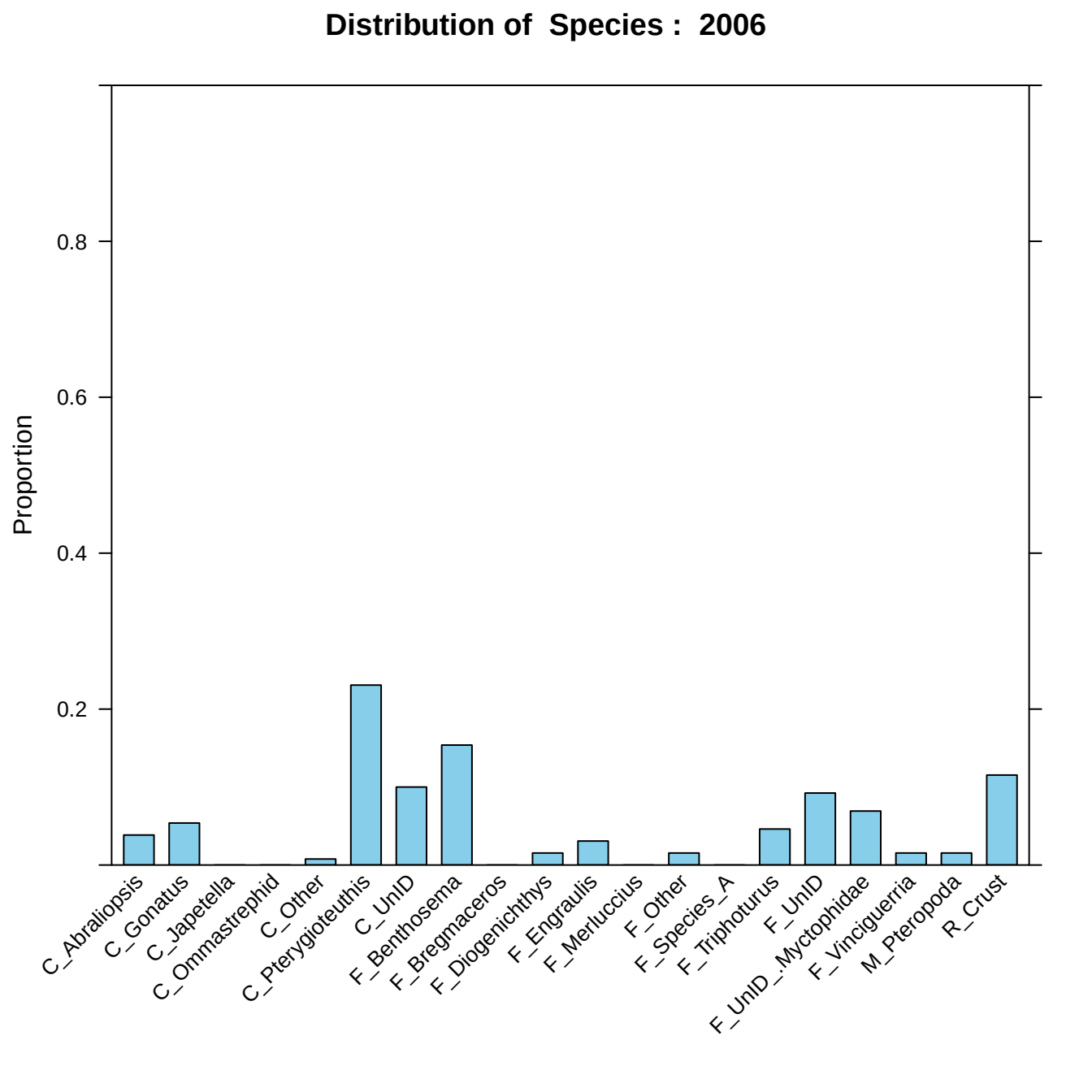
0.05
0.10
0.15
C_Abraliopsis
C_Gonatus
C_Japetella
C_Ommastrephid
C_Other
C_Pterygioteuthis
C_UnID
F_Benthosema
F_Bregmaceros
F_Diogenichthys
F_Engraulis
F_Merluccius
F_Other
F_Species_A
F_Triphoturus
F_UnID
F_UnID_.Myctophidae
F_Vinciguerria
M_Pteropoda
R_Crust


Composition of Species
Proportion
0.2
0.4
0.6
0.8
Dgigas
C_Abraliopsis
C_Gonatus
C_Japetella
C_Ommastrephid
C_Other
C_Pterygioteuthis
C_UnID
F_Benthosema
F_Bregmaceros
F_Diogenichthys
F_Engraulis
F_Merluccius
F_Other
F_Species_A
F_Triphoturus
F_UnID
F_UnID_.Myctophidae
F_Vinciguerria
M_Pteropoda
R_Crust


Distribution of Species : 1996
Proportion
0.8
0.6
0.4
0.2
C_Abraliopsis
C_Gonatus
C_Japetella
C_Ommastrephid
C_Other
C_Pterygioteuthis
C_UnID
F_Benthosema
F_Bregmaceros
F_Diogenichthys
F_Engraulis
F_Merluccius
F_Other
F_Species_A
F_Triphoturus
F_UnID
F_UnID_.Myctophidae
F_Vinciguerria
M_Pteropoda
R_Crust


Distribution of Species : 2006
Proportion
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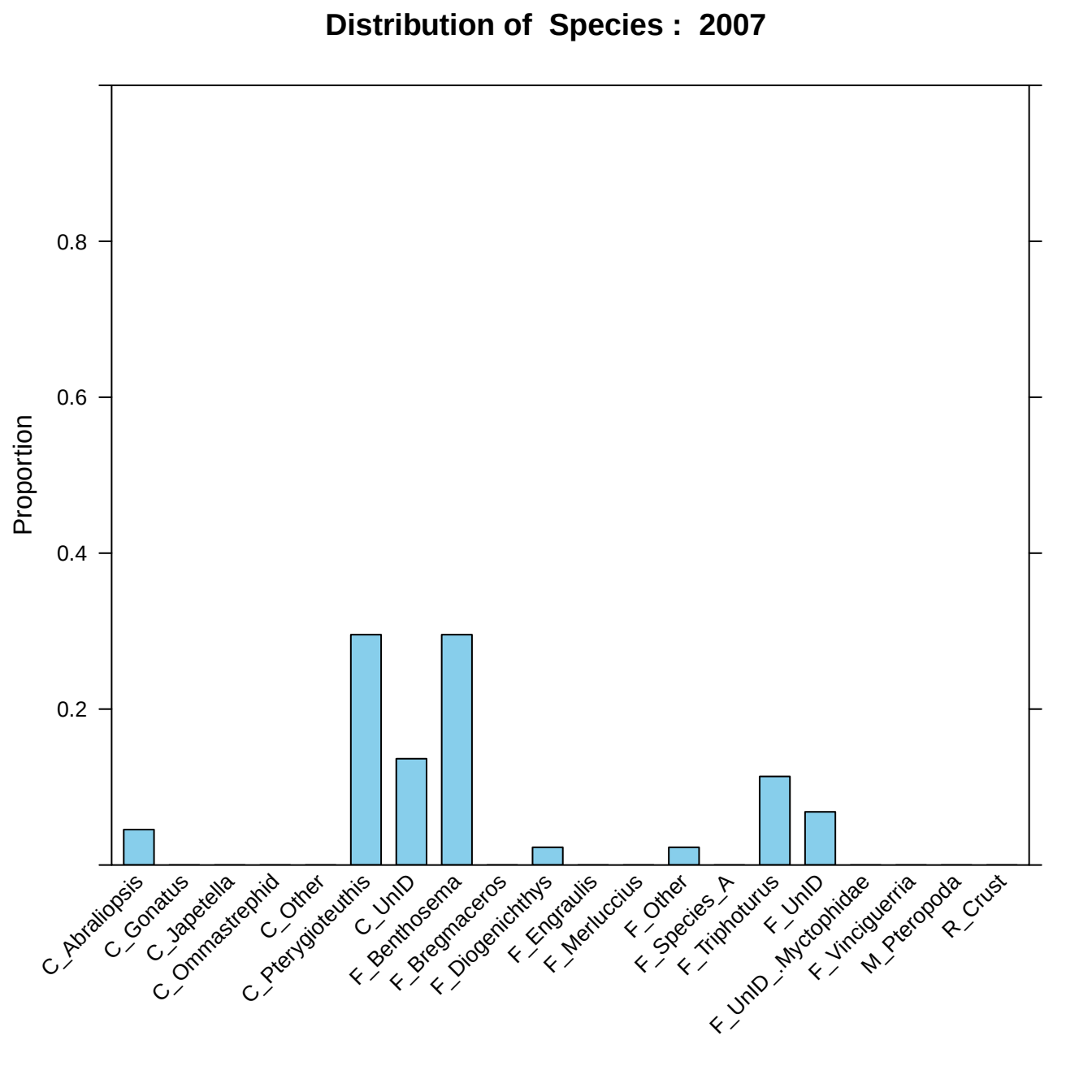
0.6
0.4
0.2
C_Abraliopsis
C_Gonatus
C_Japetella
C_Ommastrephid
C_Other
C_Pterygioteuthis
C_UnID
F_Benthosema
F_Bregmaceros
F_Diogenichthys
F_Engraulis
F_Merluccius
F_Other
F_Species_A
F_Triphoturus
F_UnID
F_UnID_.Myctophidae
F_Vinciguerria
M_Pteropoda
R_Crust


Distribution of Species : 2007
Proportion
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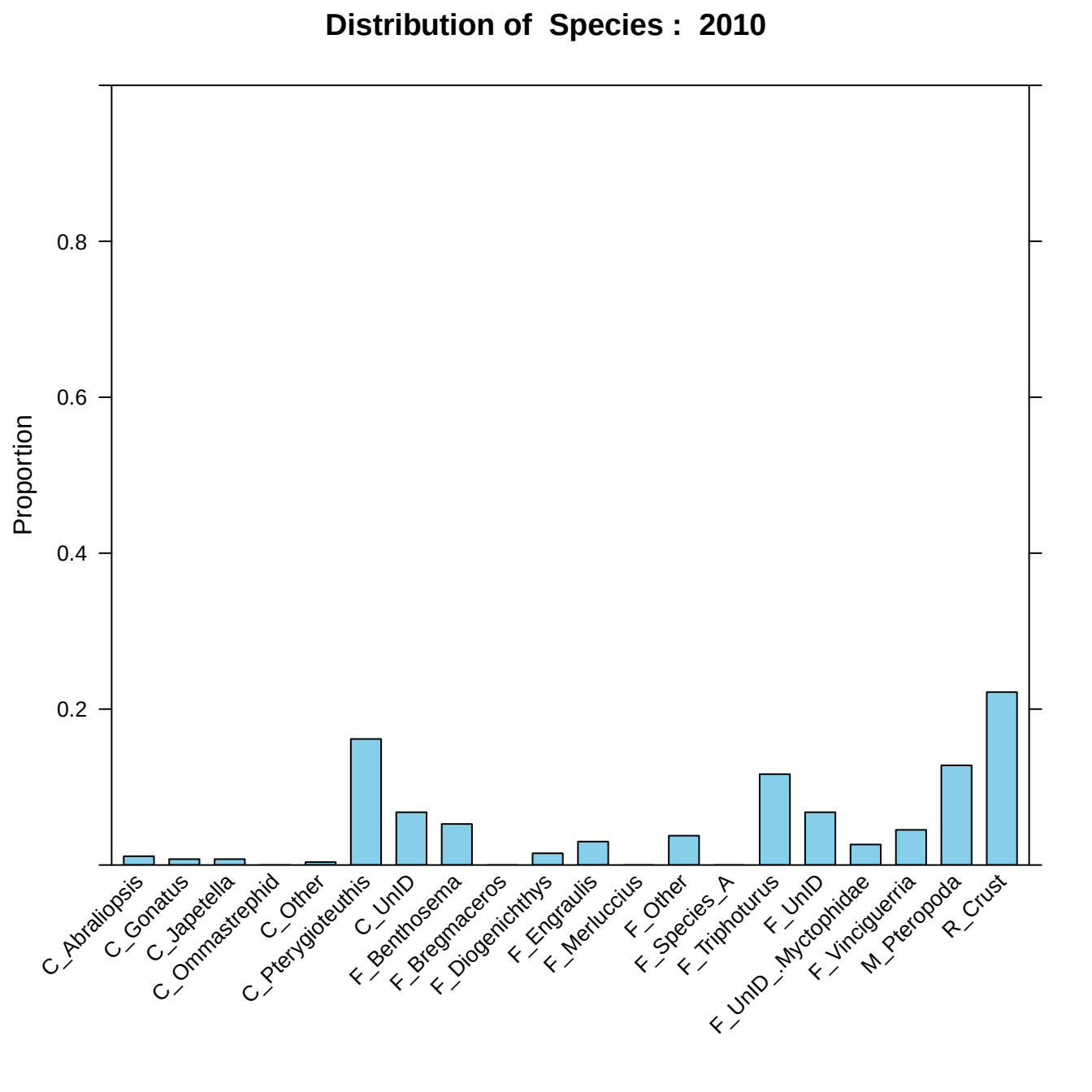
0.6
0.4
0.2
C_Abraliopsis
C_Gonatus
C_Japetella
C_Ommastrephid
C_Other
C_Pterygioteuthis
C_UnID
F_Benthosema
F_Bregmaceros
F_Diogenichthys
F_Engraulis
F_Merluccius
F_Other
F_Species_A
F_Triphoturus
F_UnID
F_UnID_.Myctophidae
F_Vinciguerria
M_Pteropoda
R_Crust


Distribution of Species : 2010
Proportion
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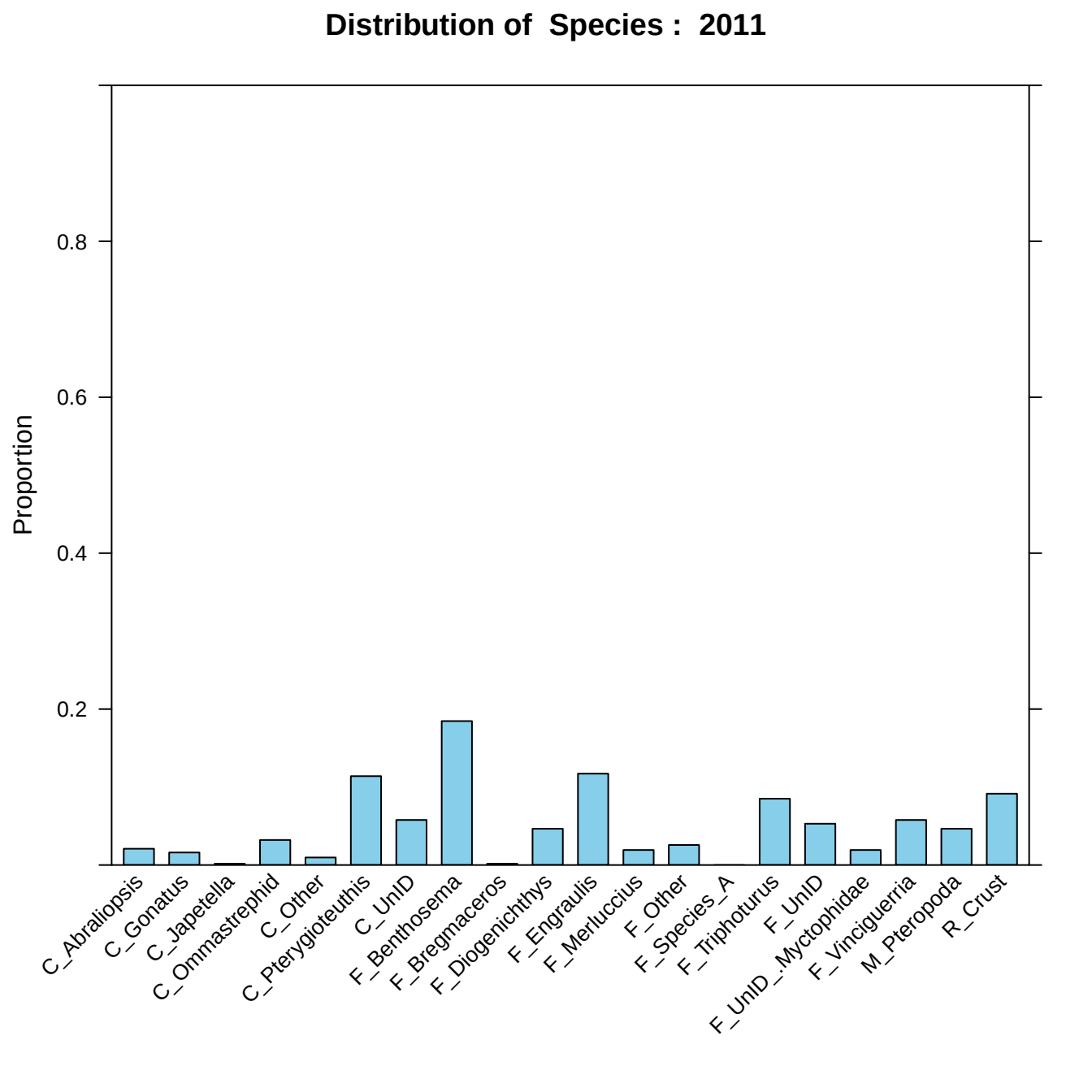
0.6
0.4
0.2
C_Abraliopsis
C_Gonatus
C_Japetella
C_Ommastrephid
C_Other
C_Pterygioteuthis
C_UnID
F_Benthosema
F_Bregmaceros
F_Diogenichthys
F_Engraulis
F_Merluccius
F_Other
F_Species_A
F_Triphoturus
F_UnID
F_UnID_.Myctophidae
F_Vinciguerria
M_Pteropoda
R_Crust


Distribution of Species : 2011
Proportion
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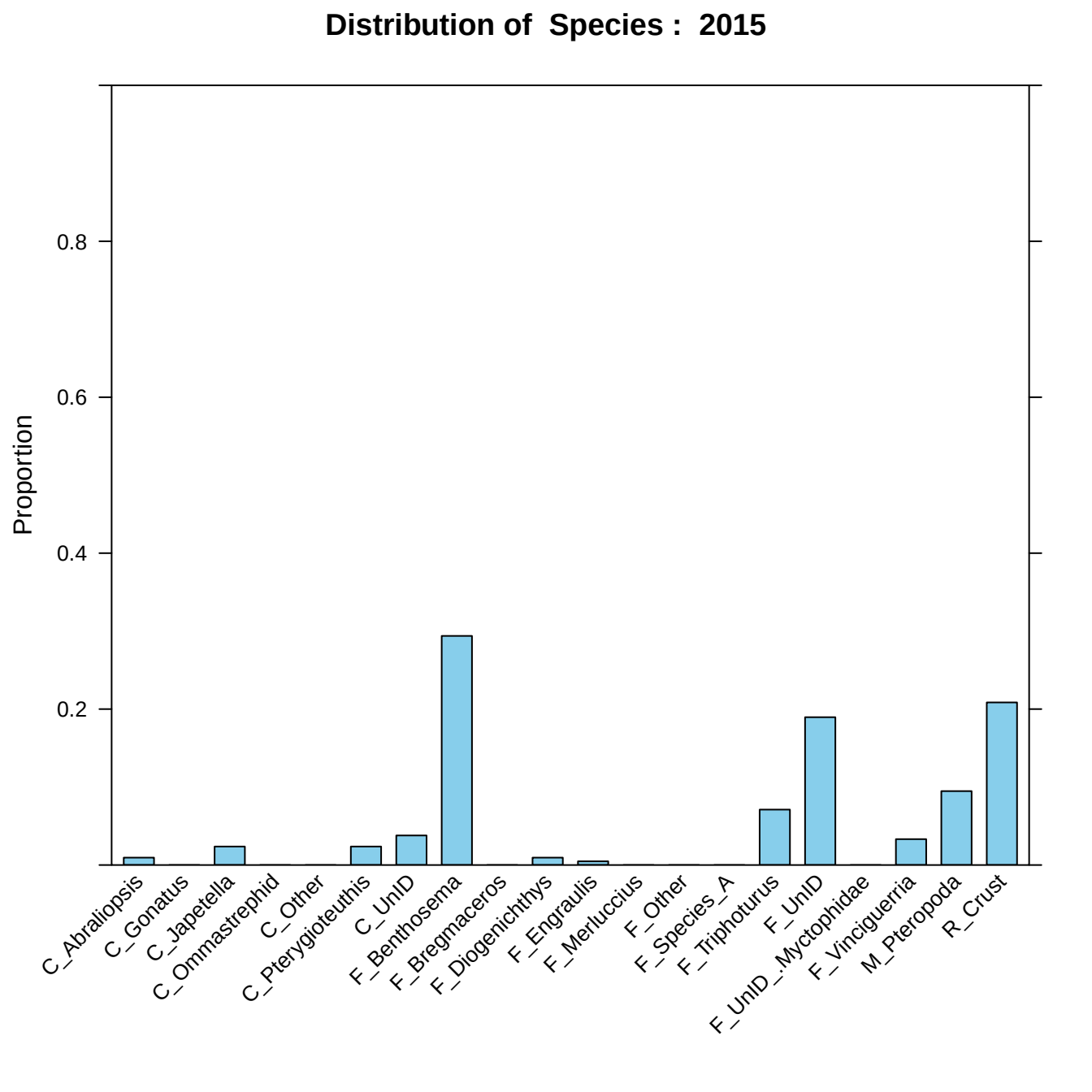
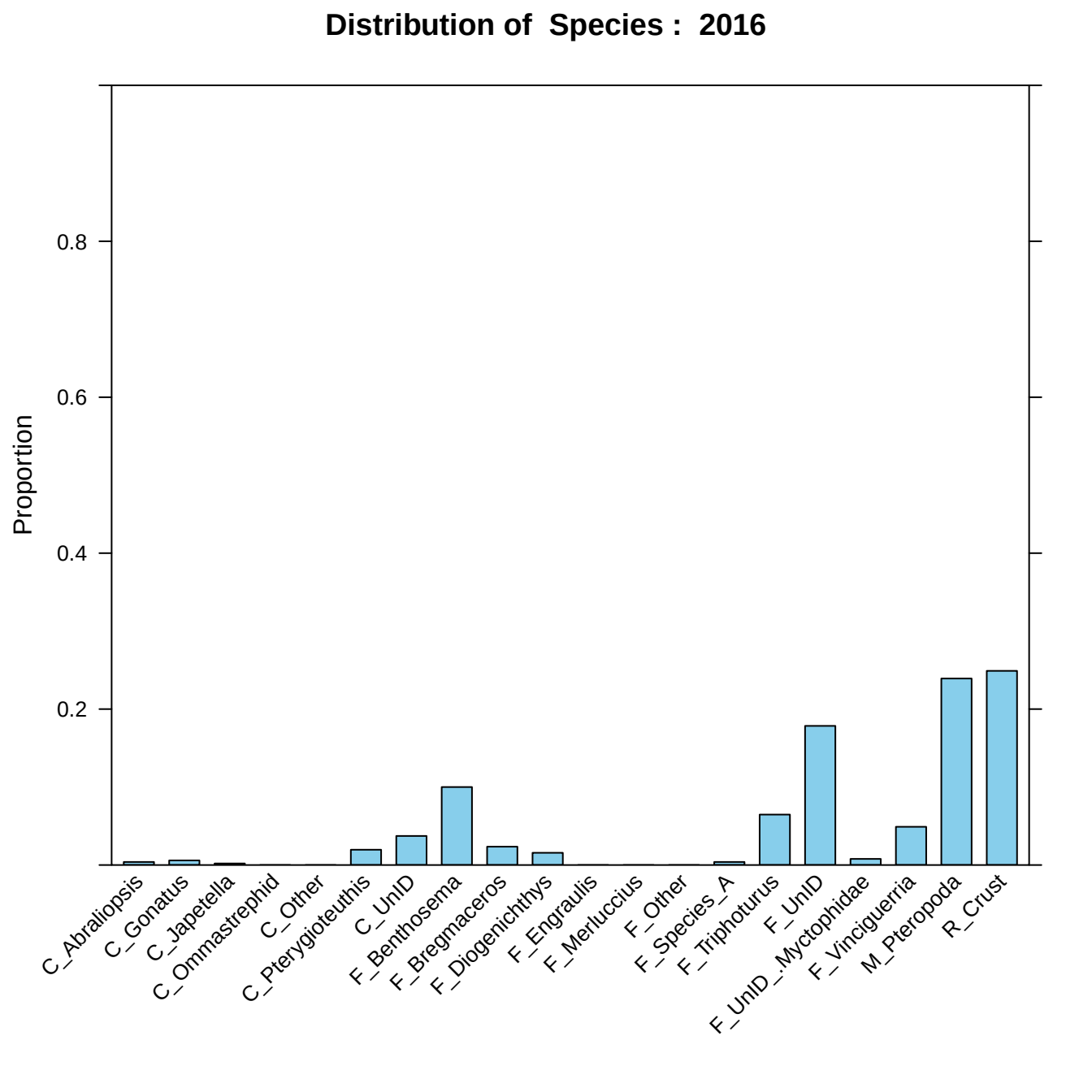
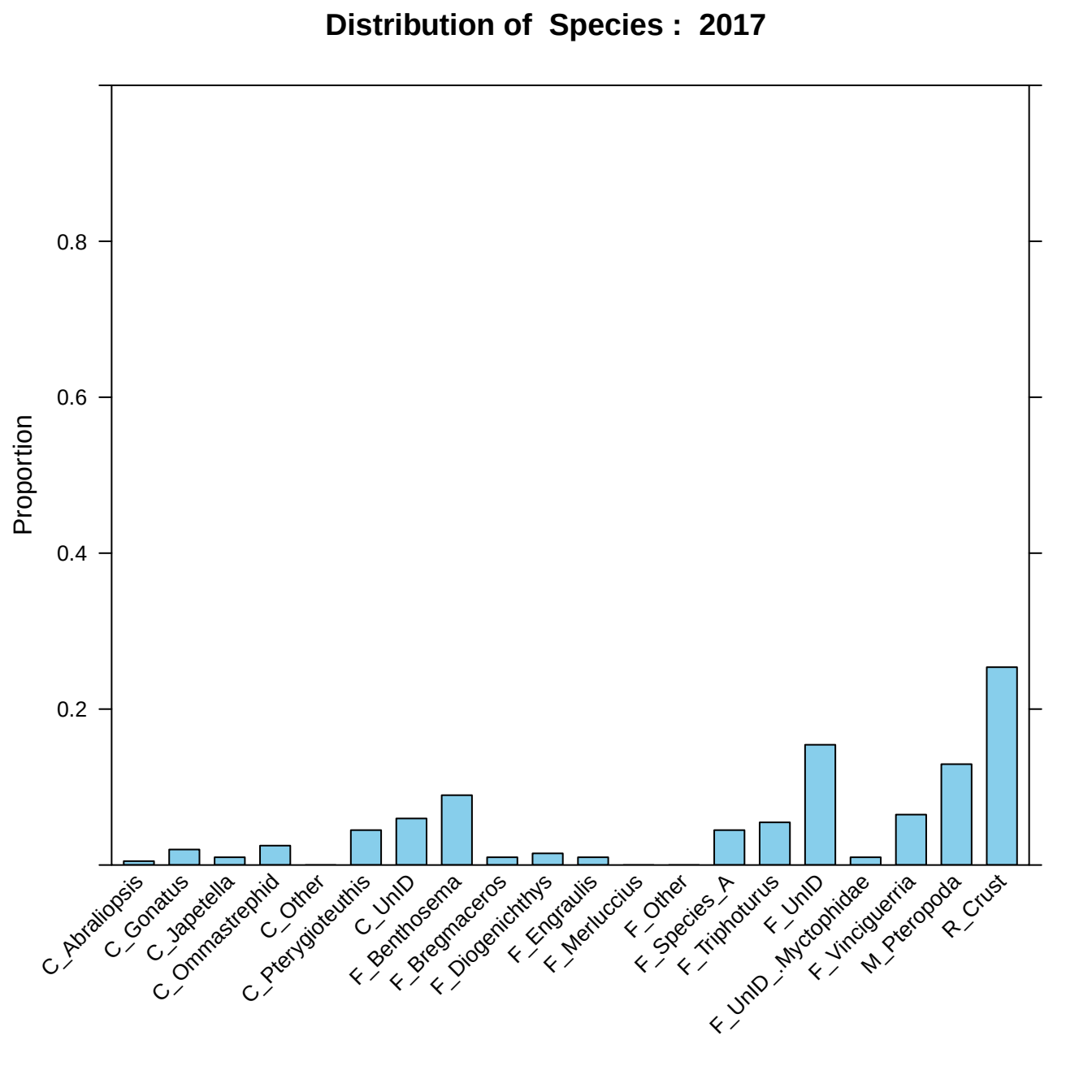
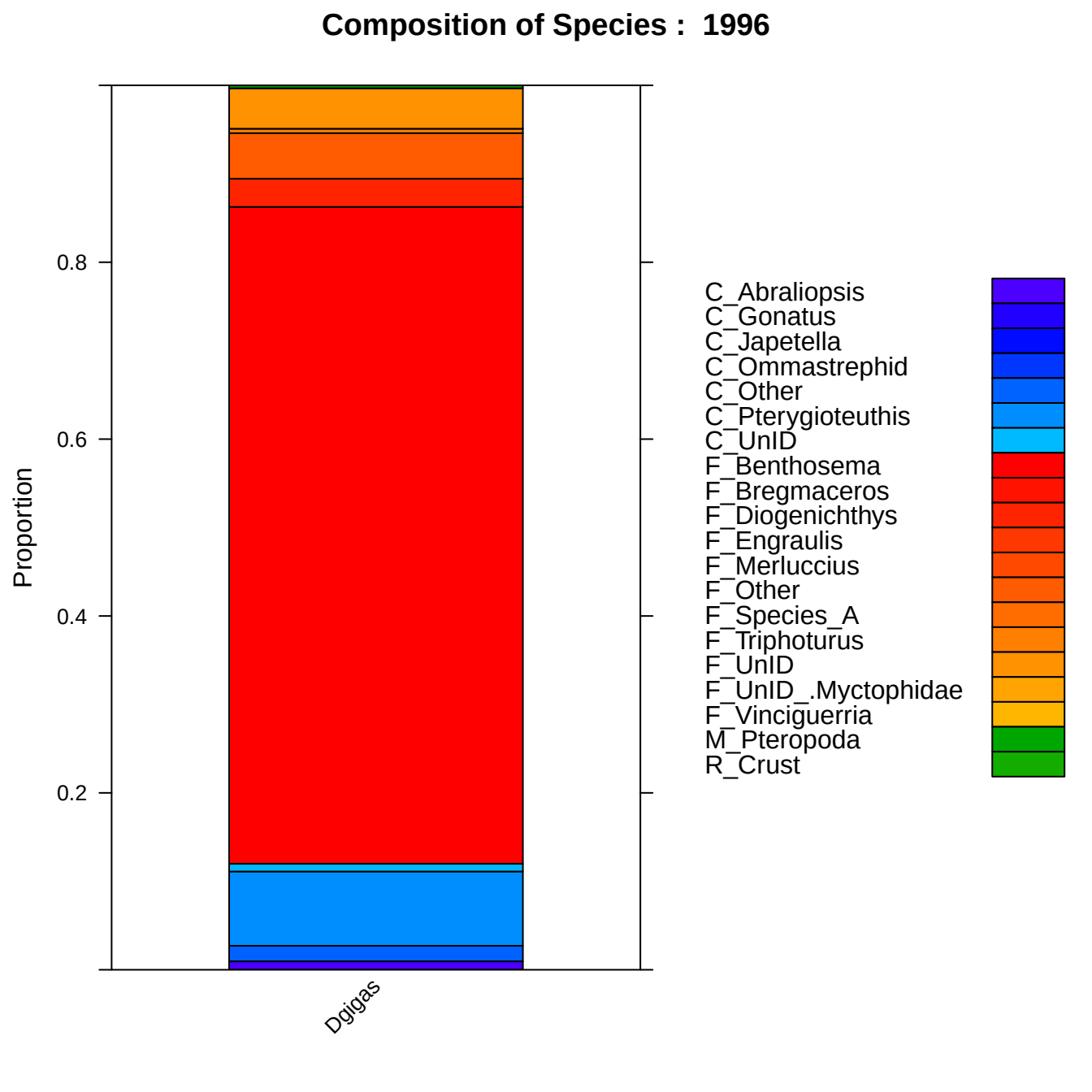
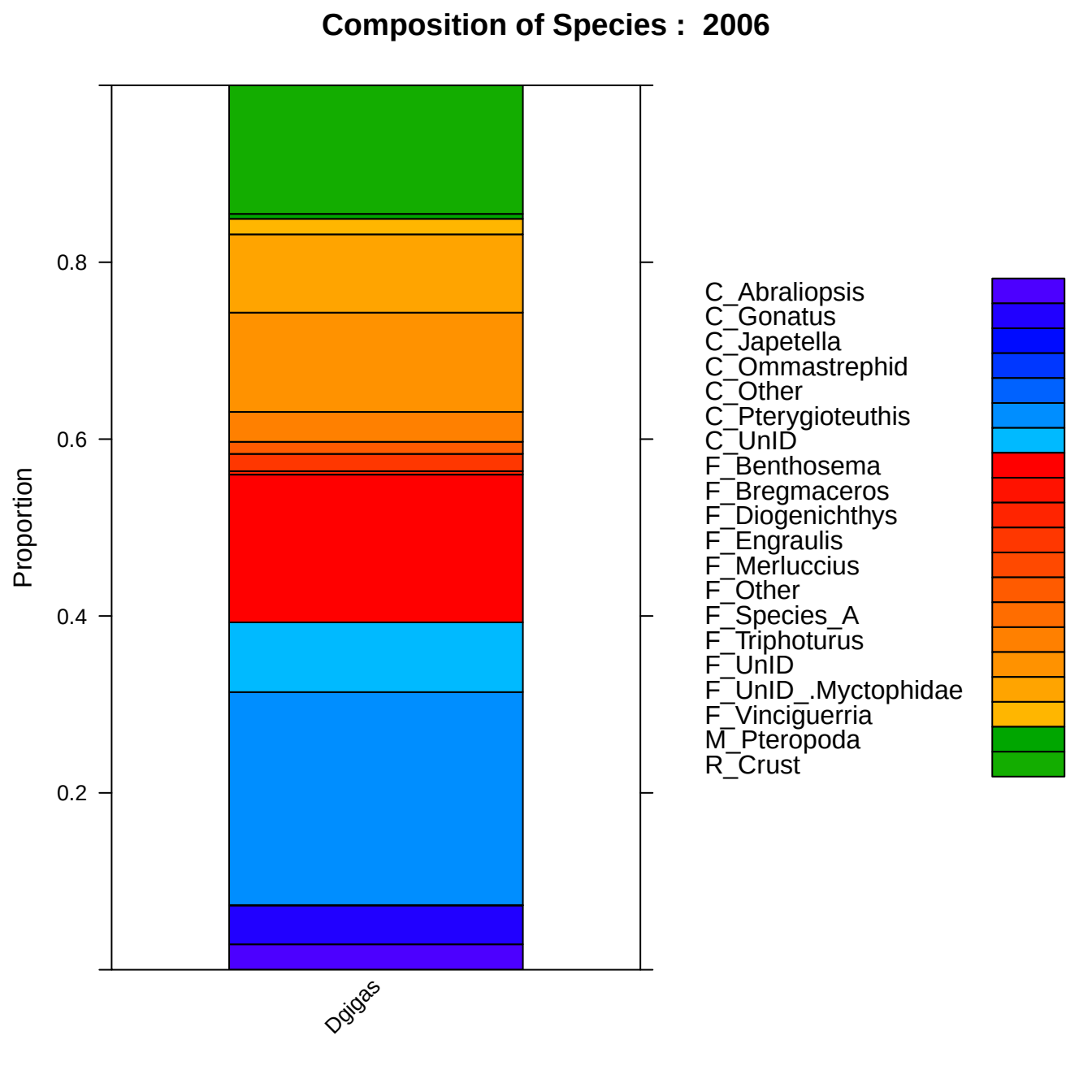
0.6
0.4
0.2
C_Abraliopsis
C_Gonatus
C_Japetella
C_Ommastrephid
C_Other
C_Pterygioteuthis
C_UnID
F_Benthosema
F_Bregmaceros
F_Diogenichthys
F_Engraulis
F_Merluccius
F_Other
F_Species_A
F_Triphoturus
F_UnID
F_UnID_.Myctophidae
F_Vinciguerria
M_Pteropoda
R_Crust

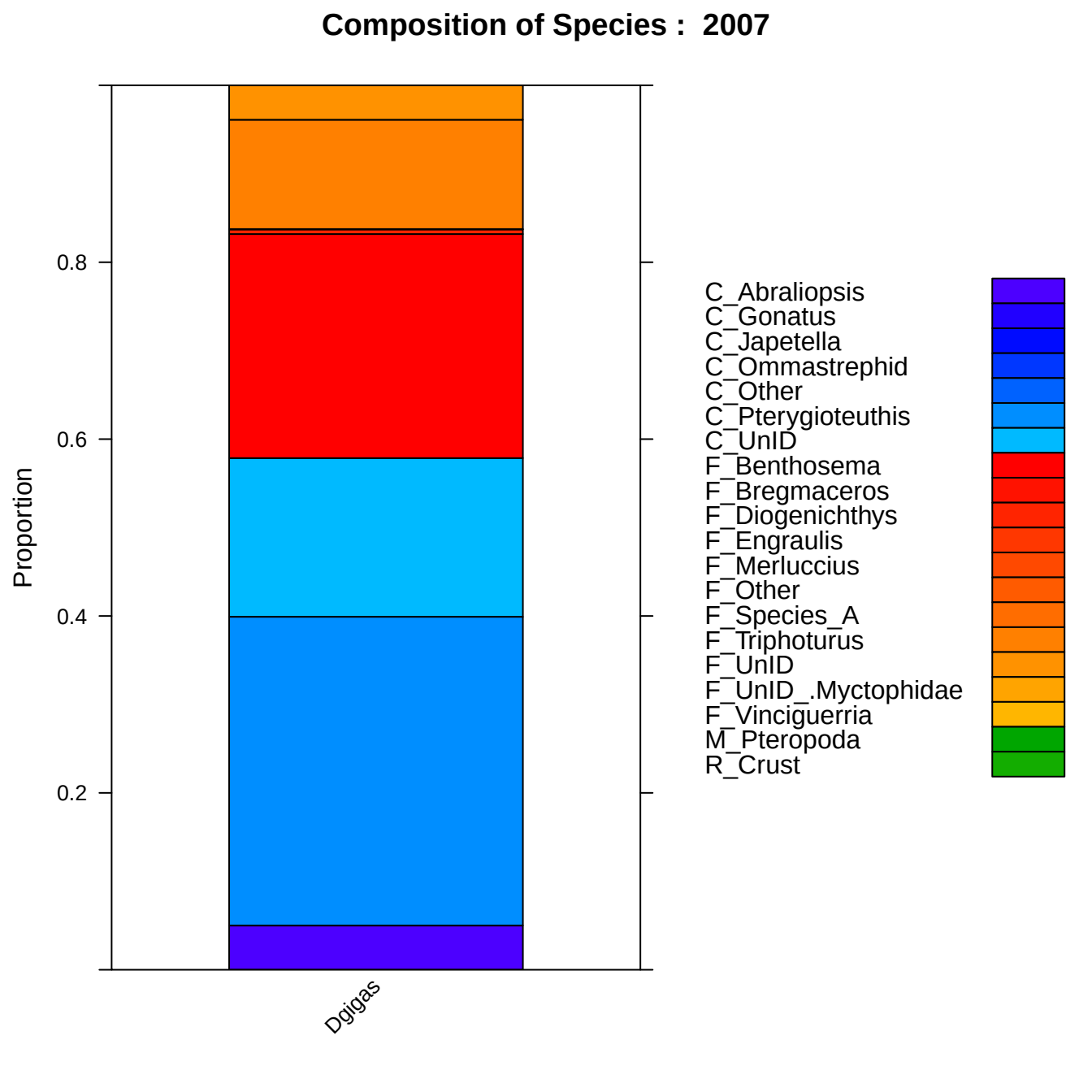

Distribution of Species : 2015
Proportion
0.8
0.6
0.4
0.2
C_Abraliopsis
C_Gonatus
C_Japetella
C_Ommastrephid
C_Other
C_Pterygioteuthis
C_UnID
F_Benthosema
F_Bregmaceros
F_Diogenichthys
F_Engraulis
F_Merluccius
F_Other
F_Species_A
F_Triphoturus
F_UnID
F_UnID_.Myctophidae
F_Vinciguerria
M_Pteropoda
R_Crust

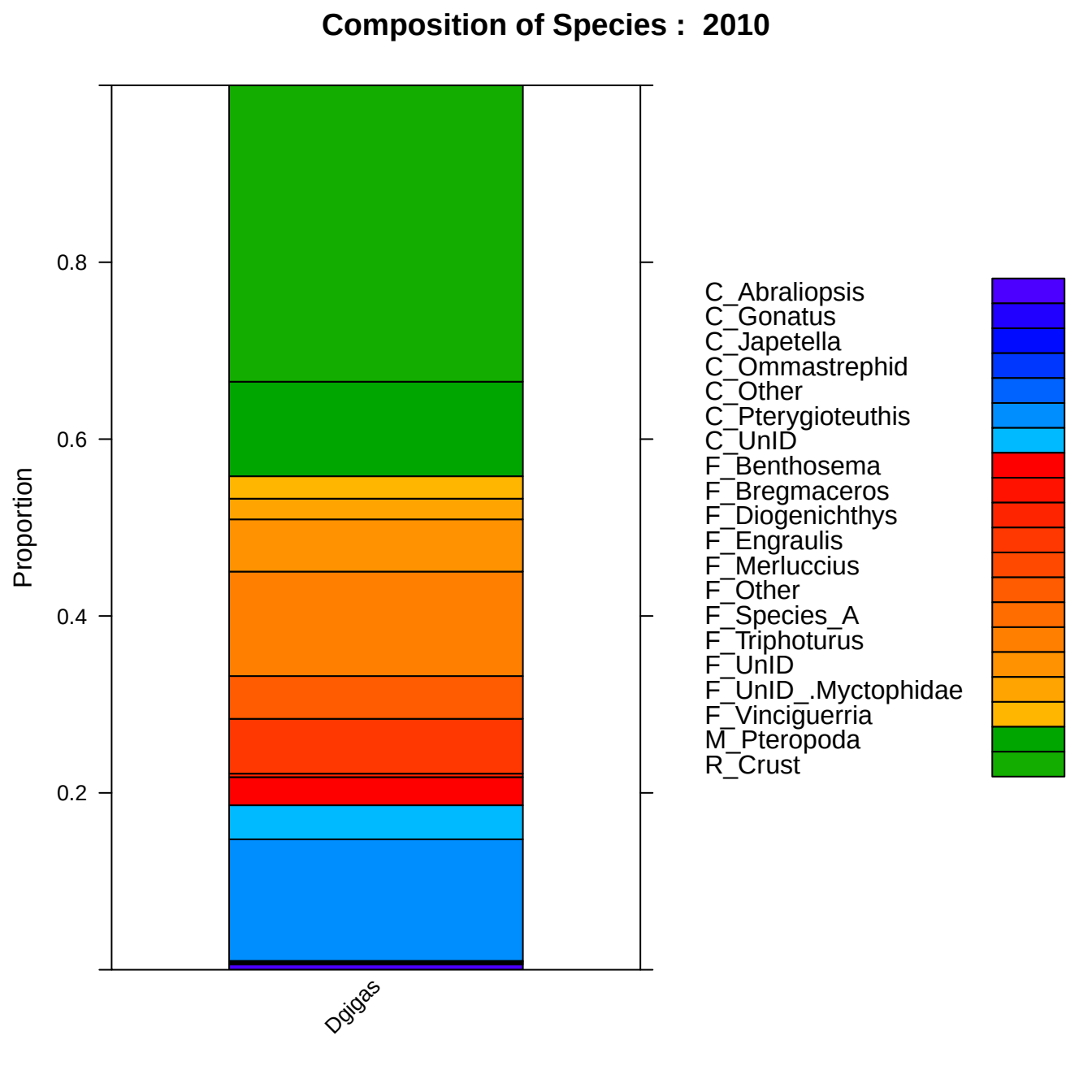

Distribution of Species : 2016
Proportion
0.8
0.6
0.4
0.2
C_Abraliopsis
C_Gonatus
C_Japetella
C_Ommastrephid
C_Other
C_Pterygioteuthis
C_UnID
F_Benthosema
F_Bregmaceros
F_Diogenichthys
F_Engraulis
F_Merluccius
F_Other
F_Species_A
F_Triphoturus
F_UnID
F_UnID_.Myctophidae
F_Vinciguerria
M_Pteropoda
R_Crust

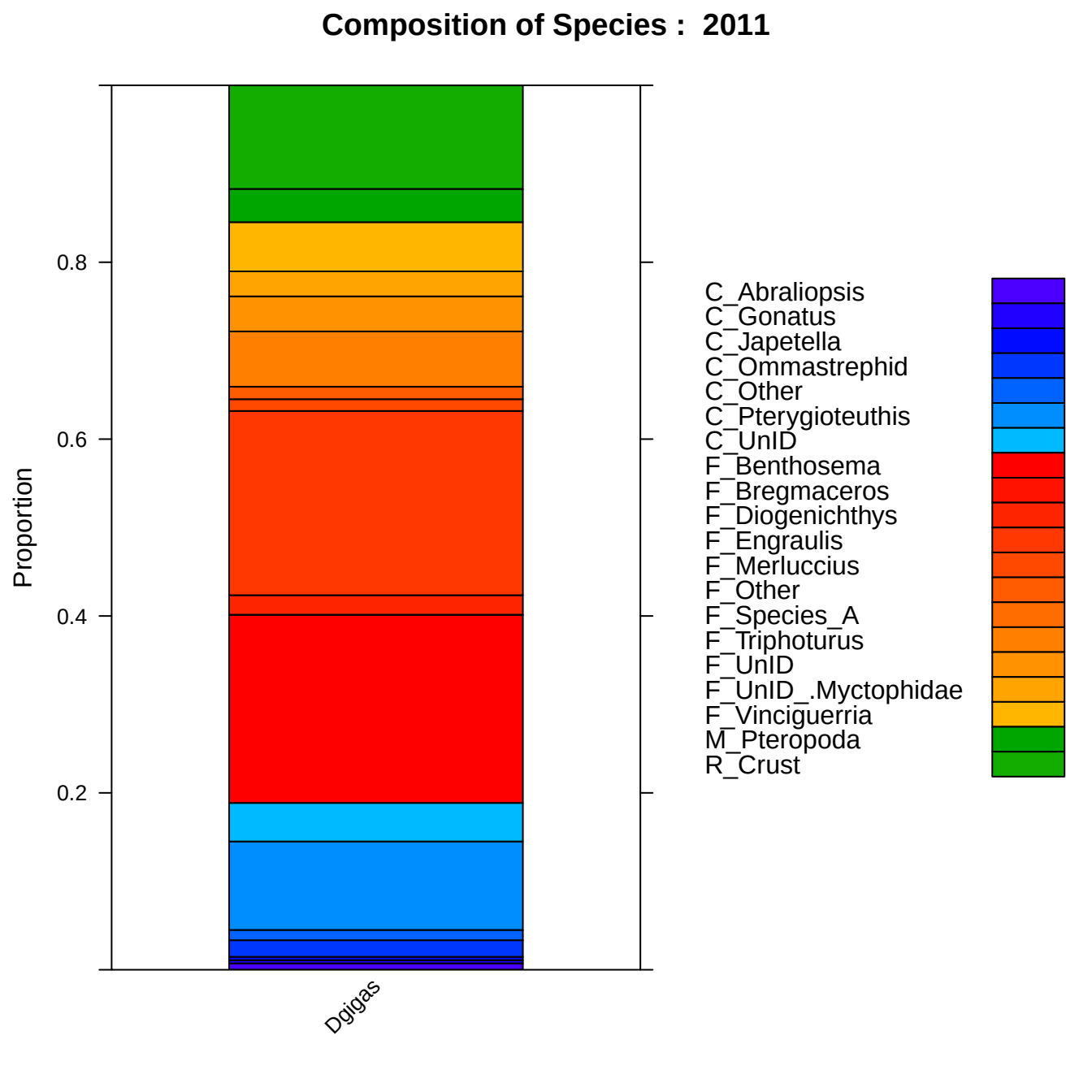

Distribution of Species : 2017
Proportion
0.8
0.6
0.4
0.2
C_Abraliopsis
C_Gonatus
C_Japetella
C_Ommastrephid
C_Other
C_Pterygioteuthis
C_UnID
F_Benthosema
F_Bregmaceros
F_Diogenichthys
F_Engraulis
F_Merluccius
F_Other
F_Species_A
F_Triphoturus
F_UnID
F_UnID_.Myctophidae
F_Vinciguerria
M_Pteropoda
R_Crust

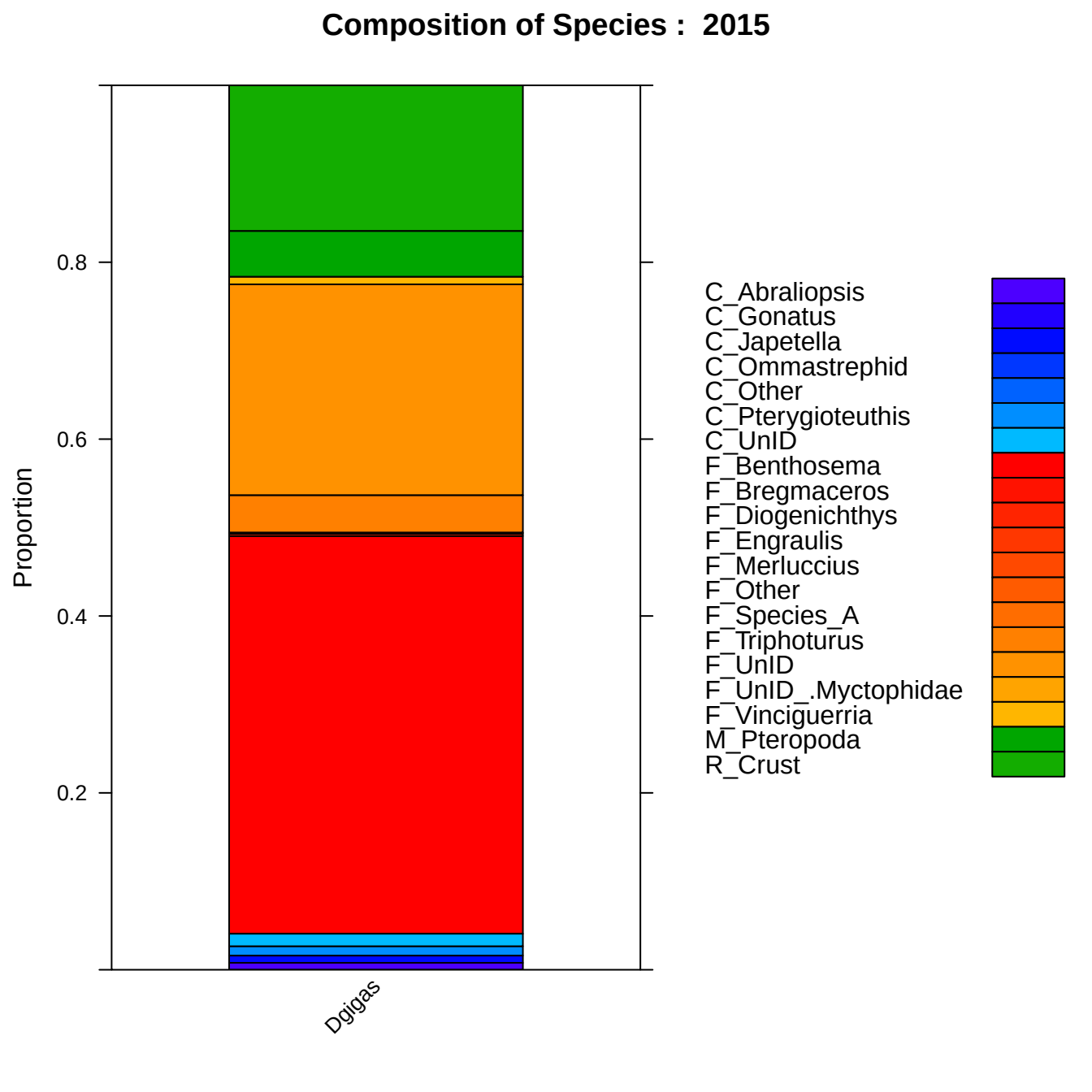

Composition of Species : 1996
Proportion
0.2
0.4
0.6
0.8
Dgigas
C_Abraliopsis
C_Gonatus
C_Japetella
C_Ommastrephid
C_Other
C_Pterygioteuthis
C_UnID
F_Benthosema
F_Bregmaceros
F_Diogenichthys
F_Engraulis
F_Merluccius
F_Other
F_Species_A
F_Triphoturus
F_UnID
F_UnID_.Myctophidae
F_Vinciguerria
M_Pteropoda
R_Crust

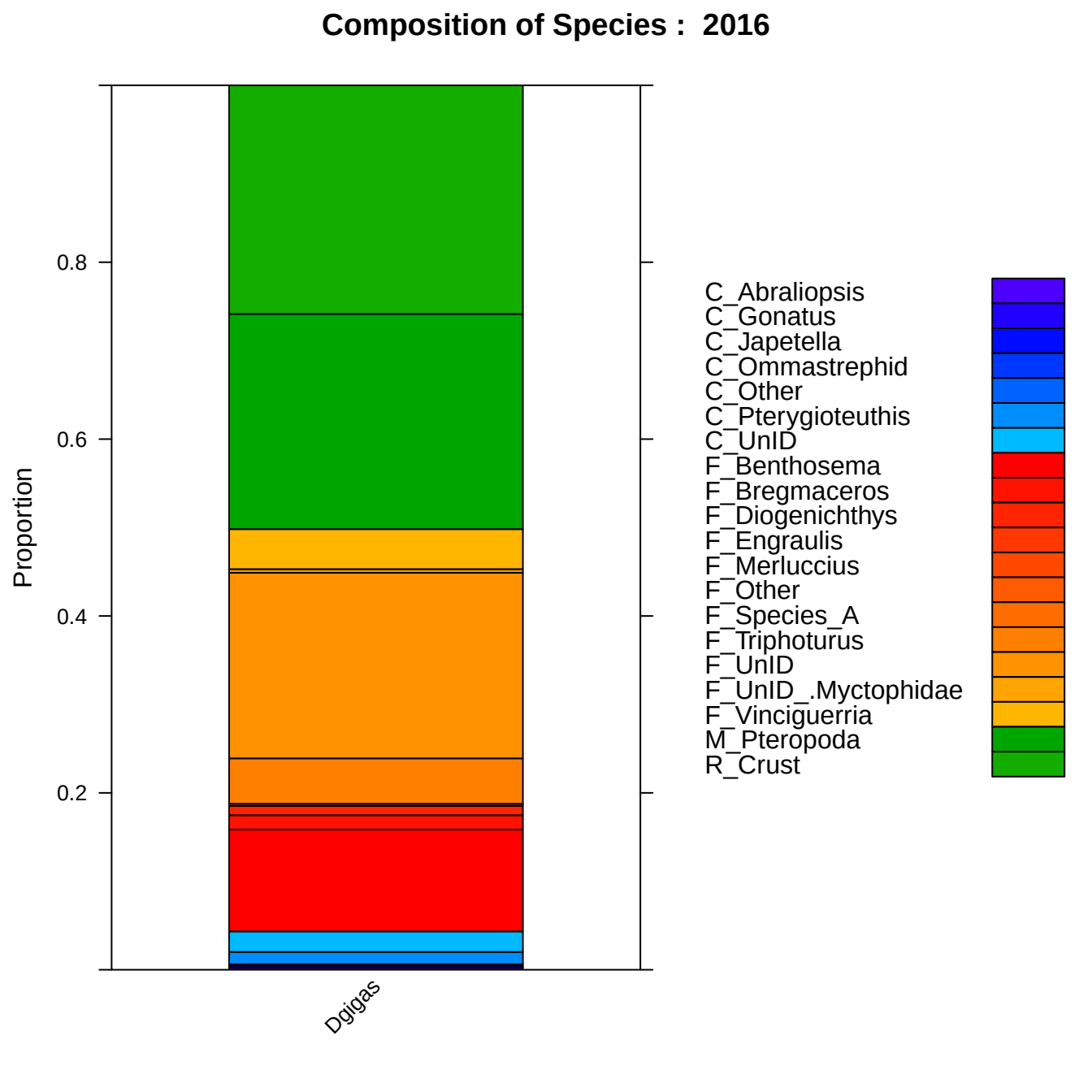

Composition of Species : 2006
Proportion
0.2
0.4
0.6
0.8
Dgigas
C_Abraliopsis
C_Gonatus
C_Japetella
C_Ommastrephid
C_Other
C_Pterygioteuthis
C_UnID
F_Benthosema
F_Bregmaceros
F_Diogenichthys
F_Engraulis
F_Merluccius
F_Other
F_Species_A
F_Triphoturus
F_UnID
F_UnID_.Myctophidae
F_Vinciguerria
M_Pteropoda
R_Crust


Composition of Species : 2007
Proportion
0.2
0.4
0.6
0.8
Dgigas
C_Abraliopsis
C_Gonatus
C_Japetella
C_Ommastrephid
C_Other
C_Pterygioteuthis
C_UnID
F_Benthosema
F_Bregmaceros
F_Diogenichthys
F_Engraulis
F_Merluccius
F_Other
F_Species_A
F_Triphoturus
F_UnID
F_UnID_.Myctophidae
F_Vinciguerria
M_Pteropoda
R_Crust


Composition of Species : 2010
Proportion
0.2
0.4
0.6
0.8
Dgigas
C_Abraliopsis
C_Gonatus
C_Japetella
C_Ommastrephid
C_Other
C_Pterygioteuthis
C_UnID
F_Benthosema
F_Bregmaceros
F_Diogenichthys
F_Engraulis
F_Merluccius
F_Other
F_Species_A
F_Triphoturus
F_UnID
F_UnID_.Myctophidae
F_Vinciguerria
M_Pteropoda
R_Crust


Composition of Species : 2011
Proportion
0.2
0.4
0.6
0.8
Dgigas
C_Abraliopsis
C_Gonatus
C_Japetella
C_Ommastrephid
C_Other
C_Pterygioteuthis
C_UnID
F_Benthosema
F_Bregmaceros
F_Diogenichthys
F_Engraulis
F_Merluccius
F_Other
F_Species_A
F_Triphoturus
F_UnID
F_UnID_.Myctophidae
F_Vinciguerria
M_Pteropoda
R_Crust


Composition of Species : 2015
Proportion
0.2
0.4
0.6
0.8
Dgigas
C_Abraliopsis
C_Gonatus
C_Japetella
C_Ommastrephid
C_Other
C_Pterygioteuthis
C_UnID
F_Benthosema
F_Bregmaceros
F_Diogenichthys
F_Engraulis
F_Merluccius
F_Other
F_Species_A
F_Triphoturus
F_UnID
F_UnID_.Myctophidae
F_Vinciguerria
M_Pteropoda
R_Crust


Composition of Species : 2016
Proportion
0.2
0.4
0.6
0.8
Dgigas
C_Abraliopsis
C_Gonatus
C_Japetella
C_Ommastrephid
C_Other
C_Pterygioteuthis
C_UnID
F_Benthosema
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F_Vinciguerria
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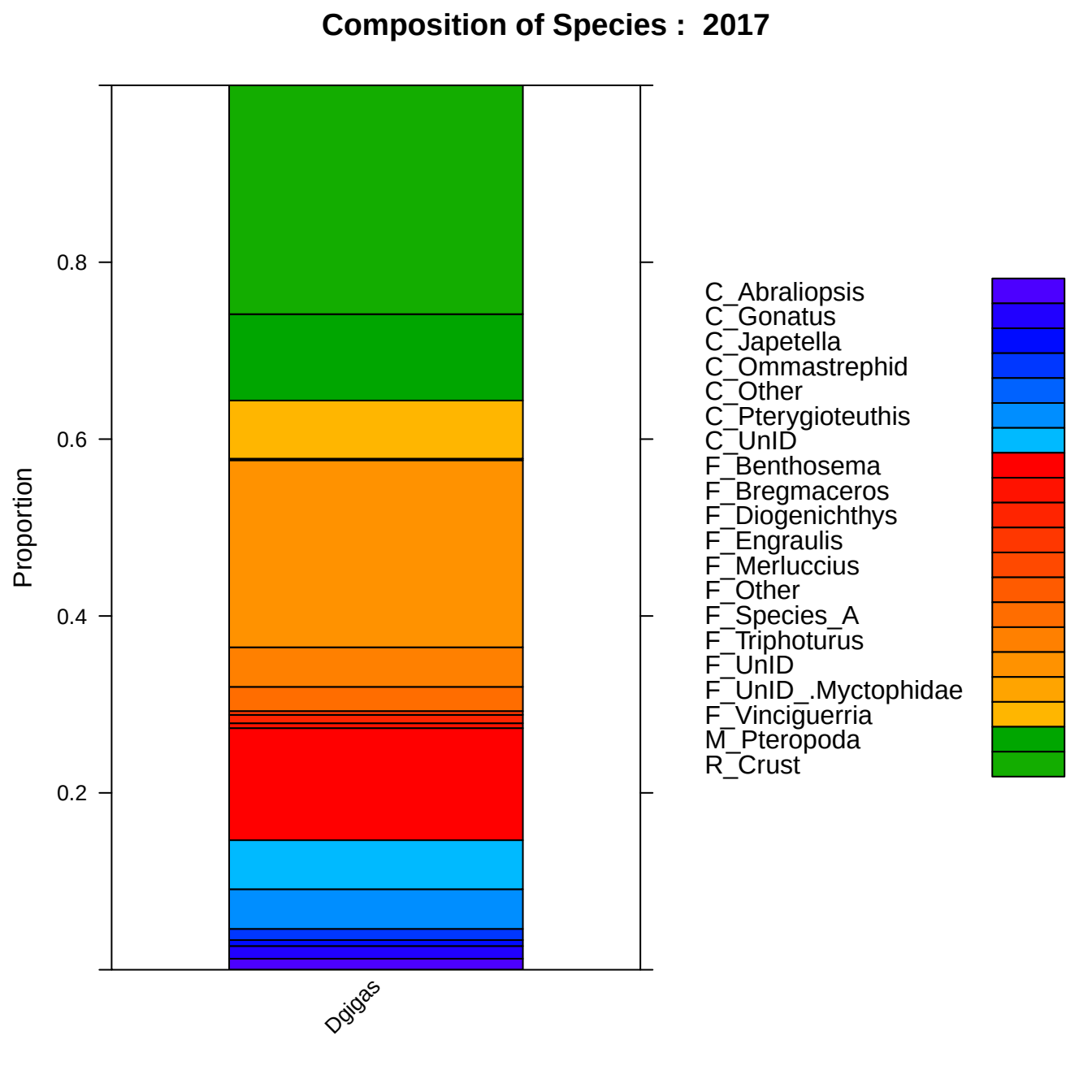
Composition of Species : 2017
Proportion
0.2
0.4
0.6
0.8
Dgigas
C_Abraliopsis
C_Gonatus
C_Japetella
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F_Vinciguerria
M_Pteropoda
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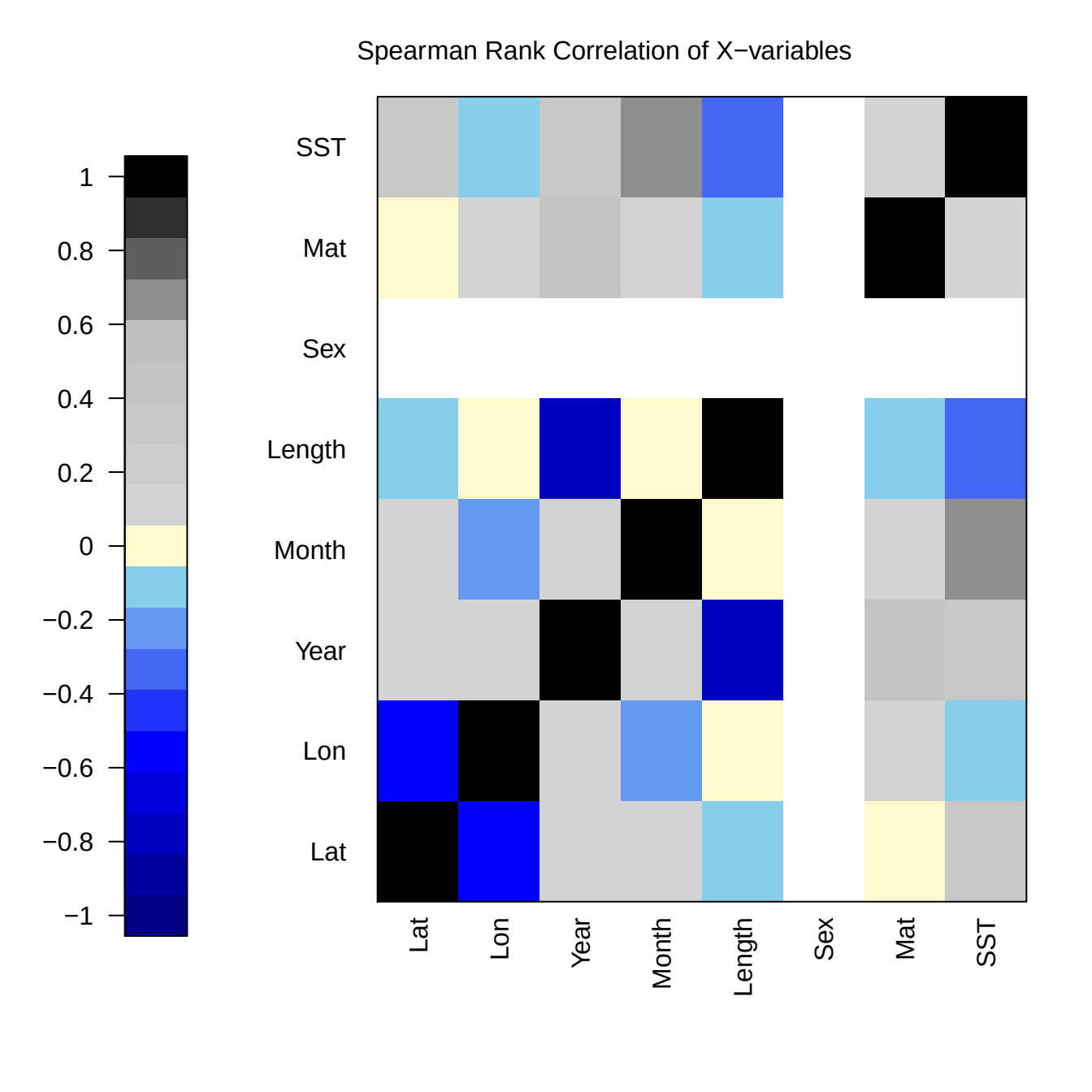
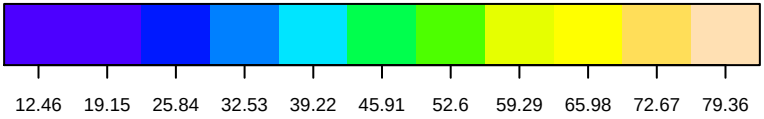
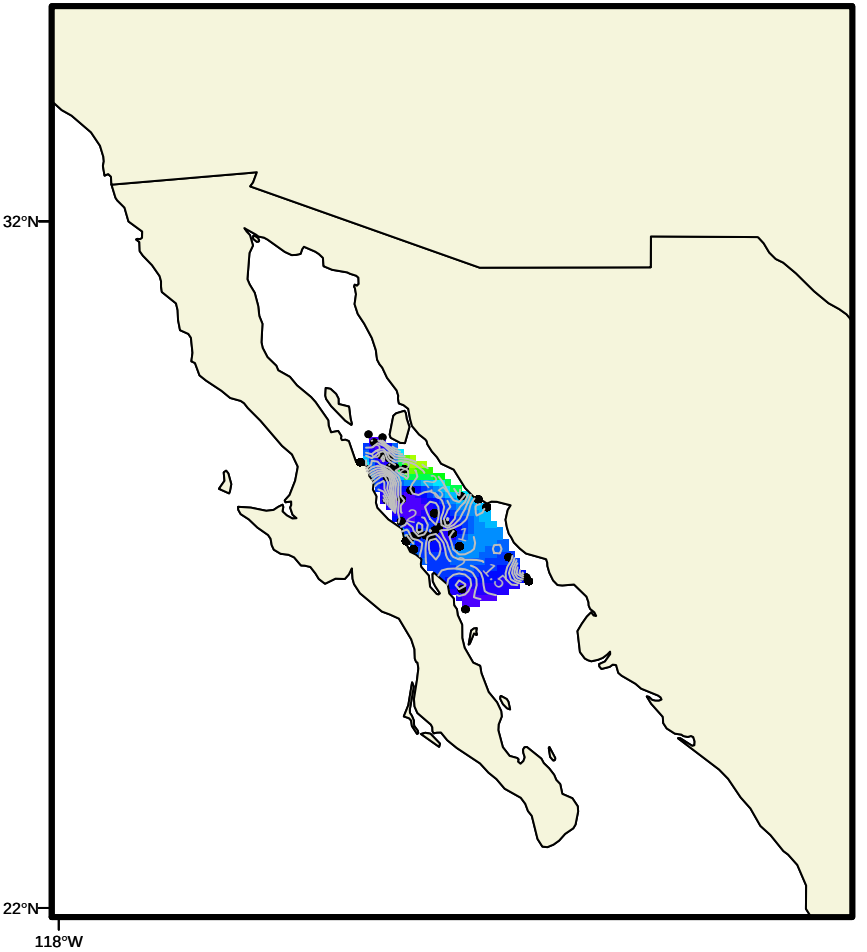
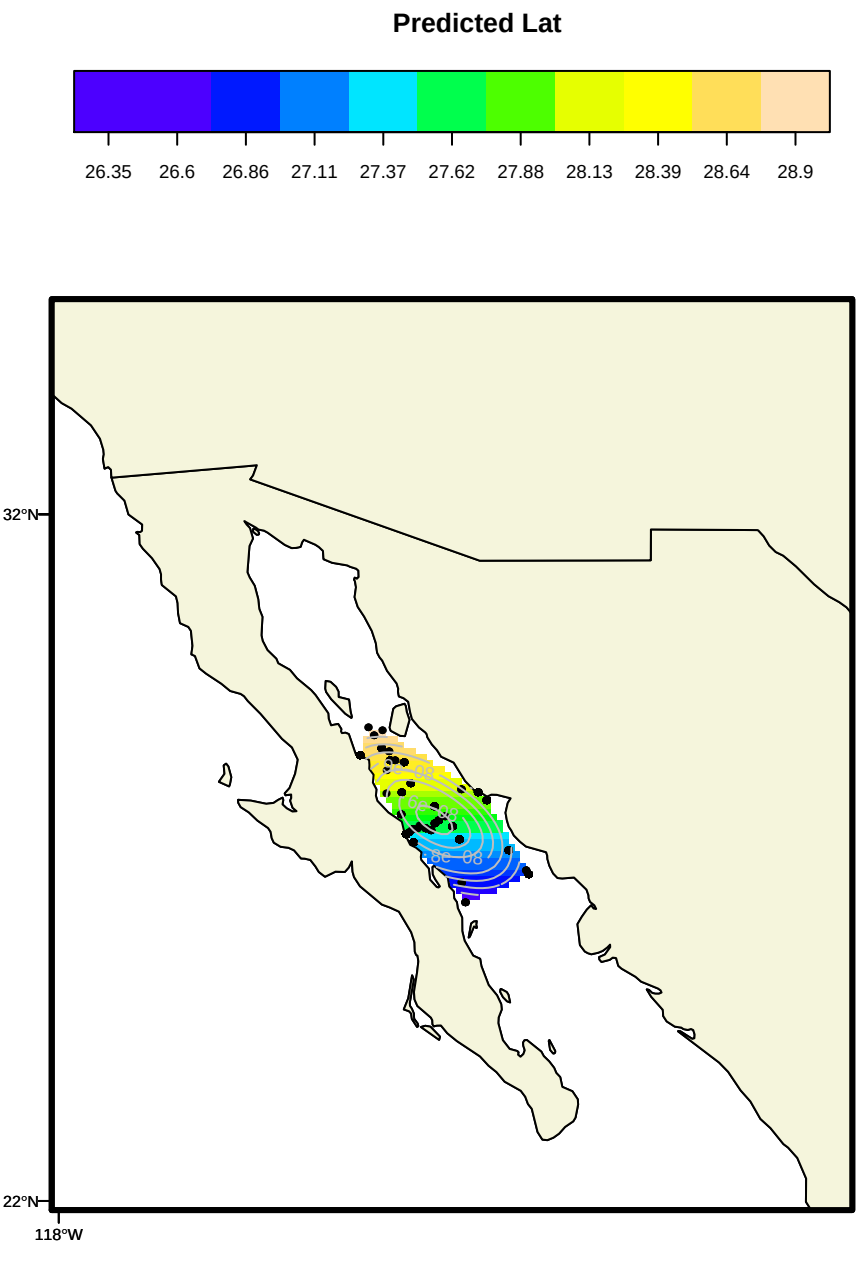

Spearman Rank Correlation of X−variables
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
SST
Mat
Sex
Length
Month
Year
Lon
Lat
Lat
Lon
Year
Month
Length
Sex
Mat
SST

Predicted Length






Predicted Lat
26.35
26.6
26.86
27.11
27.37
27.62
27.88
28.13
28.39
28.64
28.9
32°N
22°N
118°W