

BOLD TaxonID Tree

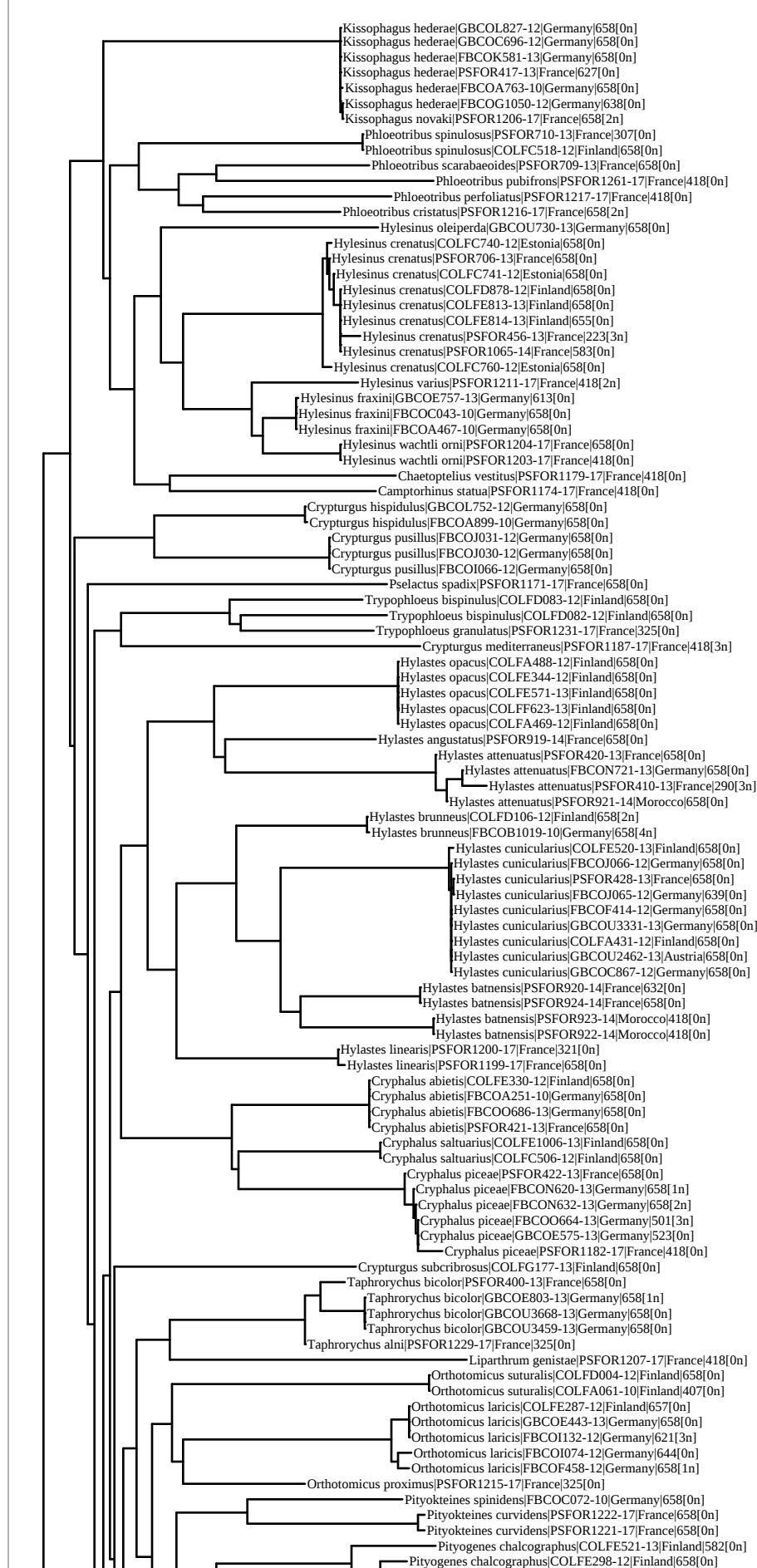
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Date : 17-Sep-2019
Data Type : Nucleotide
Distance Model : Kimura 2 Parameter
Marker : COI-5P
Colourization : [blue]=Stop Codons [red]=Contamination or misidentification

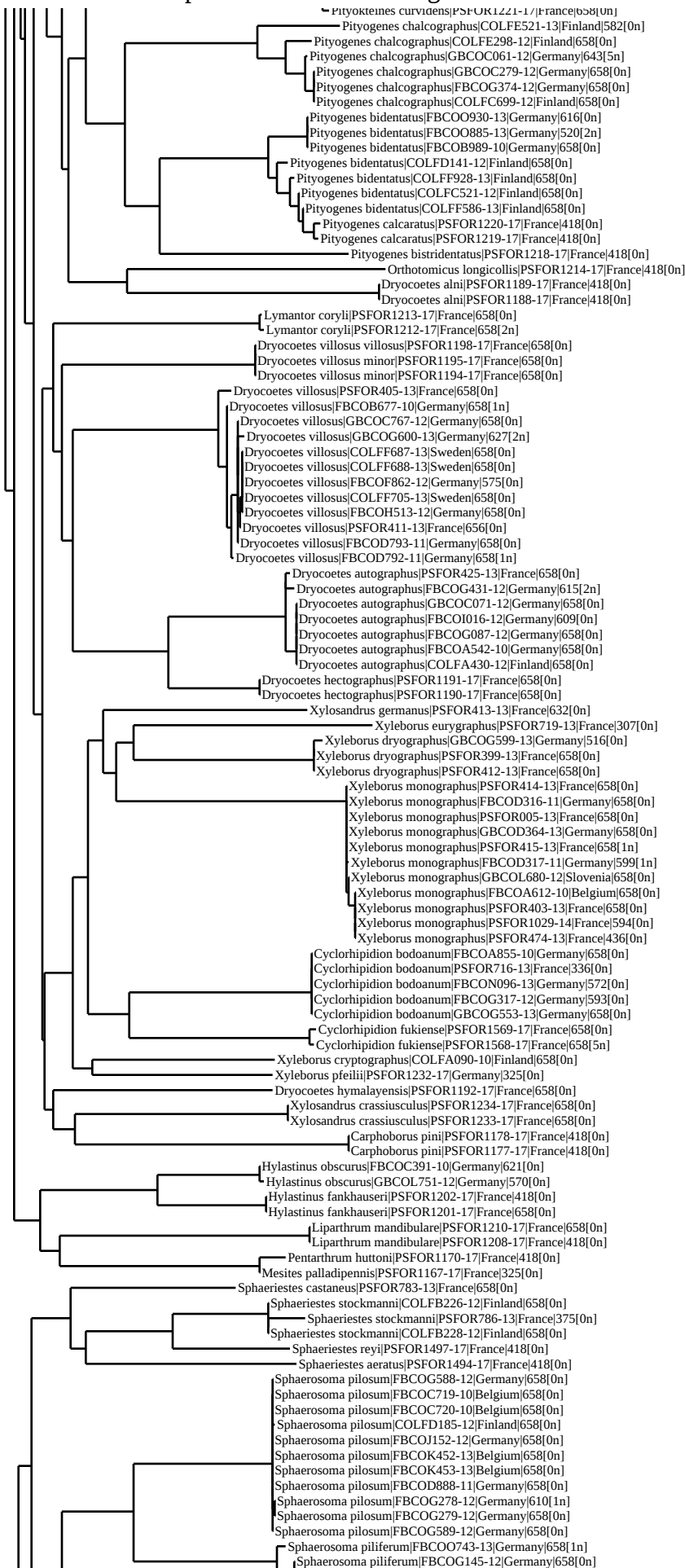
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Label : Taxon
Label : Country
Label : Sequence Length

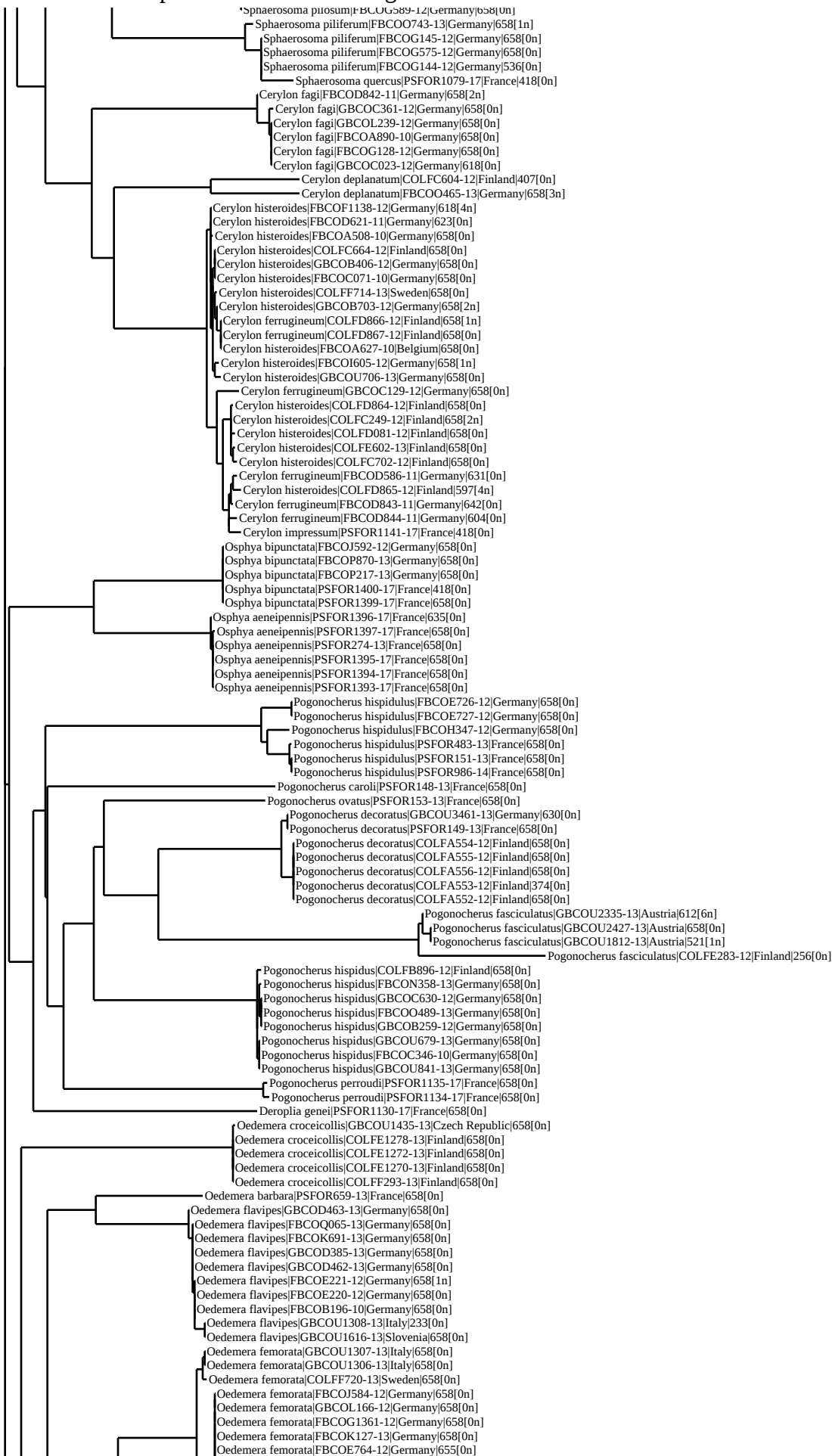
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Filter : exclude records flagged as misidentifications
Filter : exclude records with stop codons
Filter : exclude contaminants

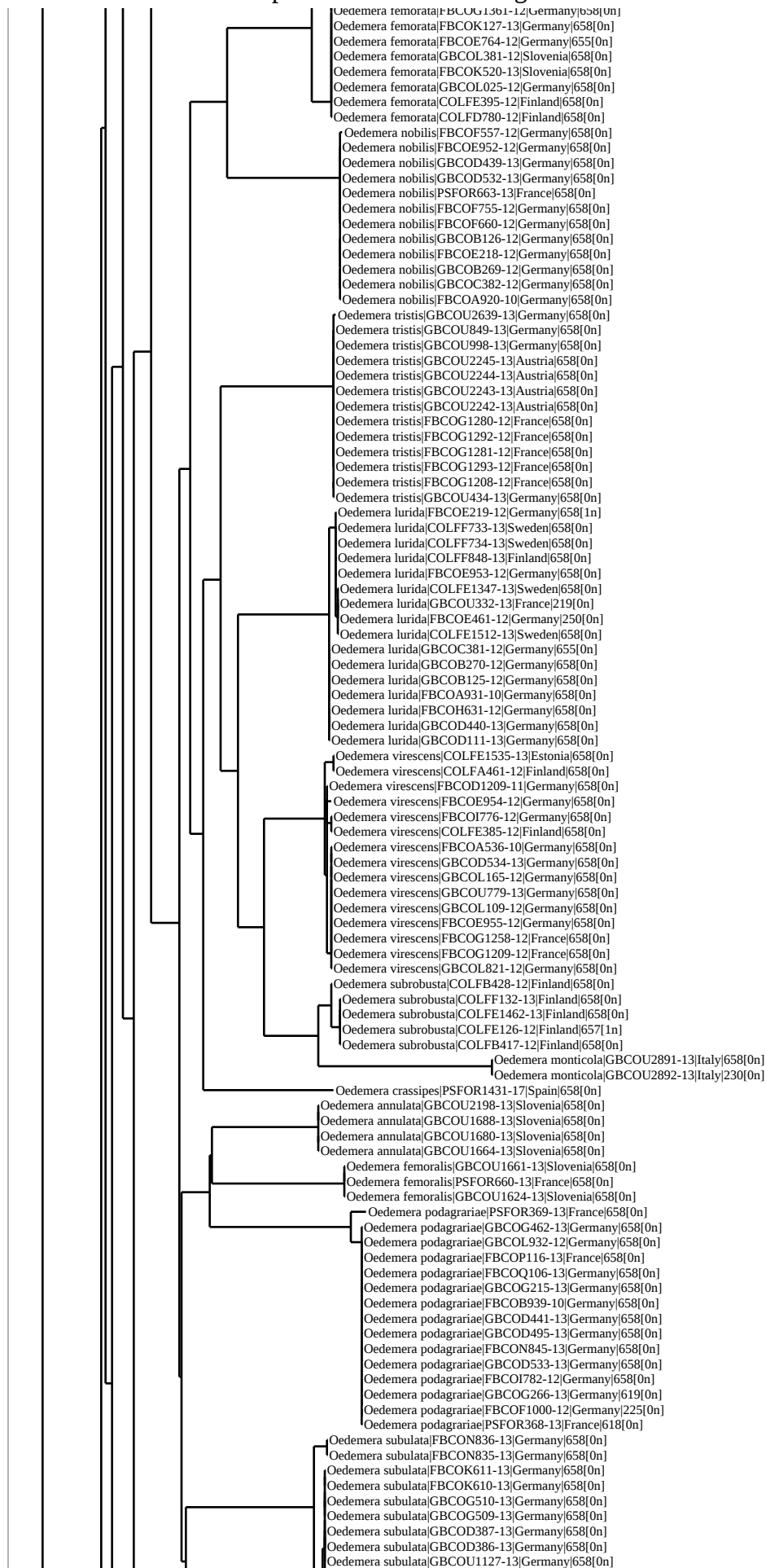
Sequence Count : 1899
Species count : 492
Genus count : 143
Family count : 35
Unidentified : 2

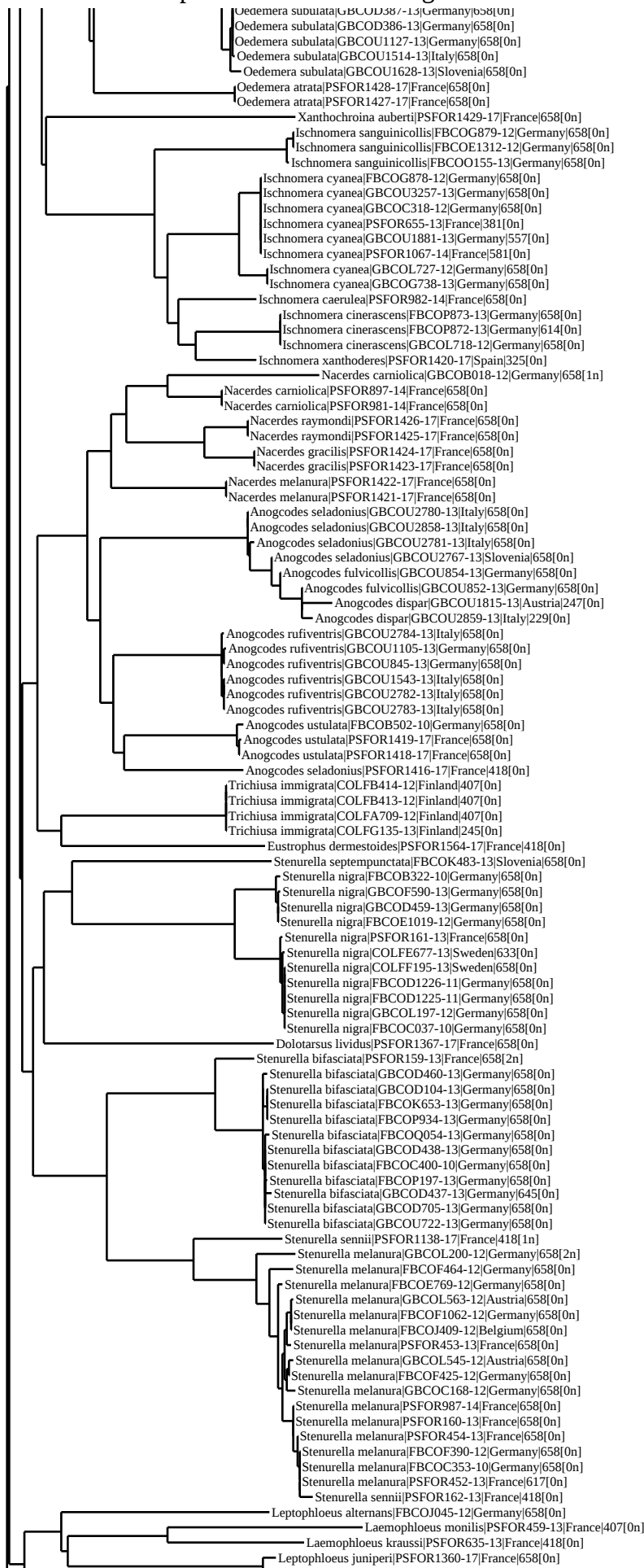
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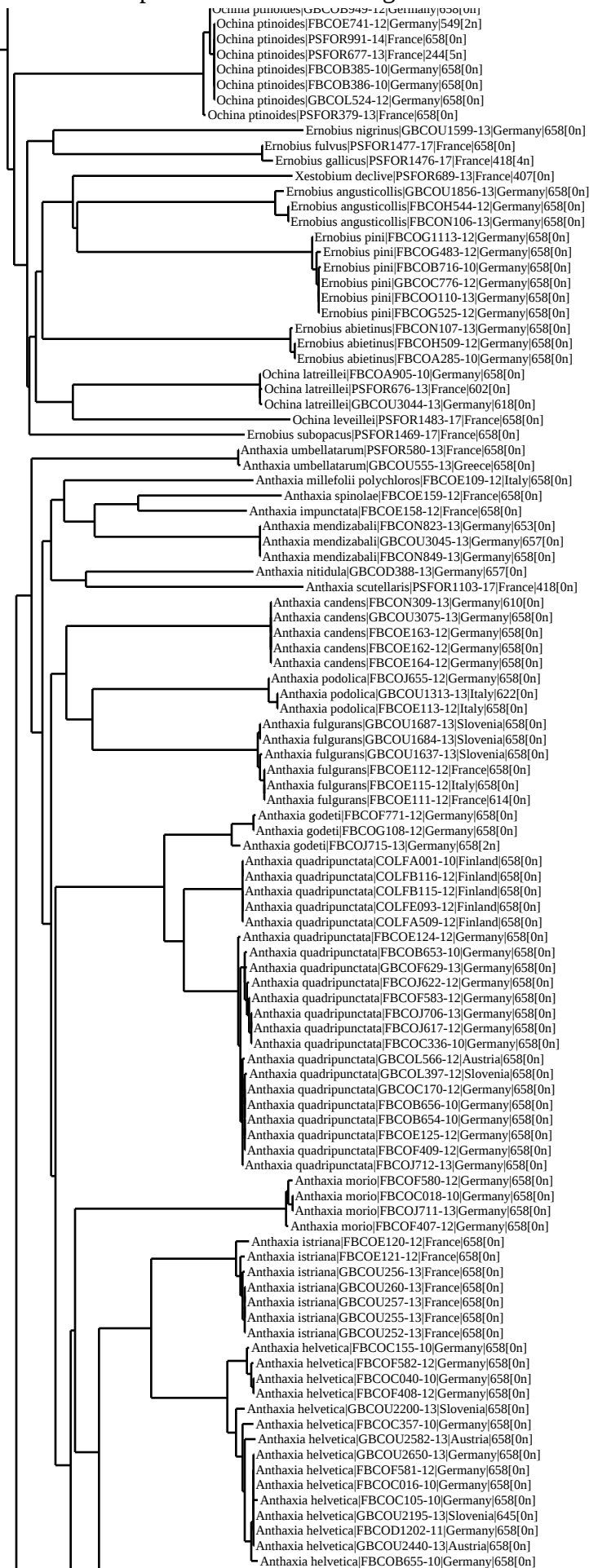




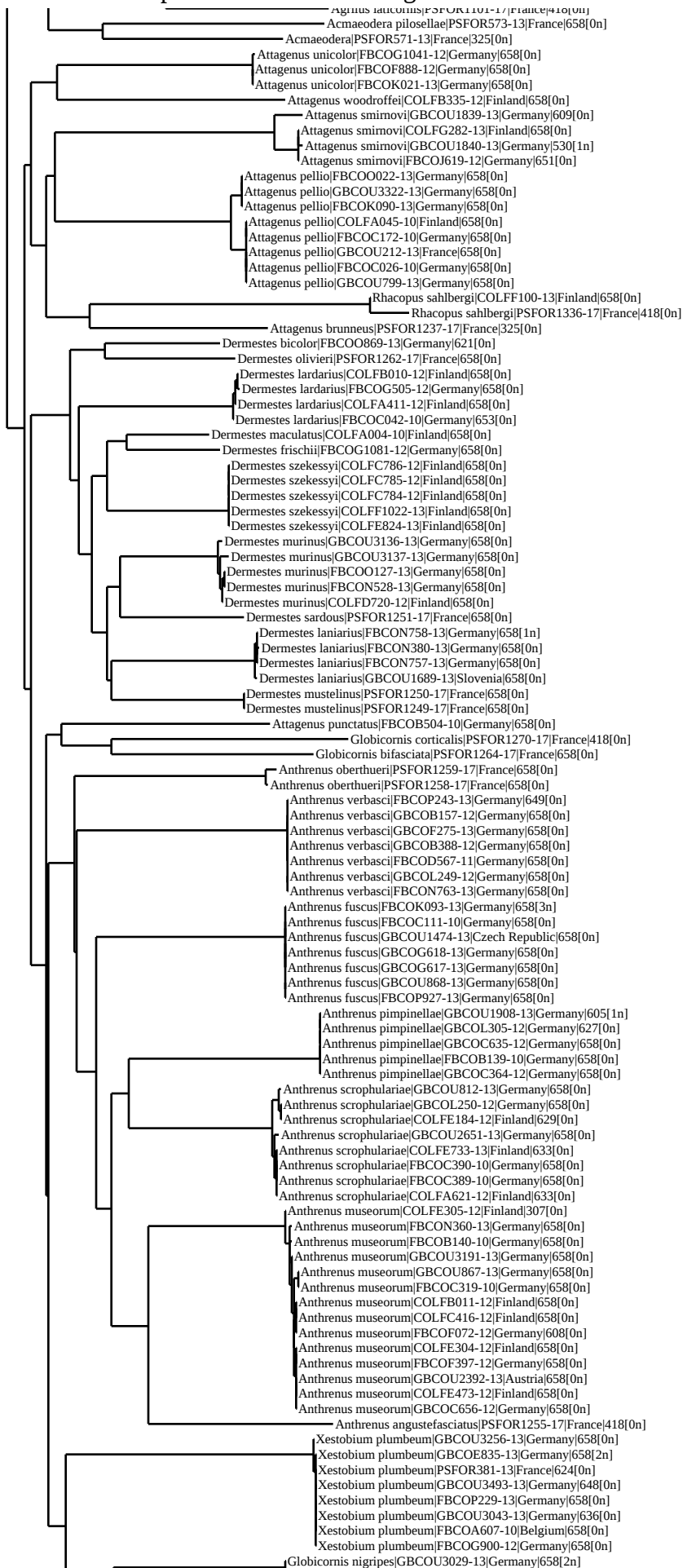


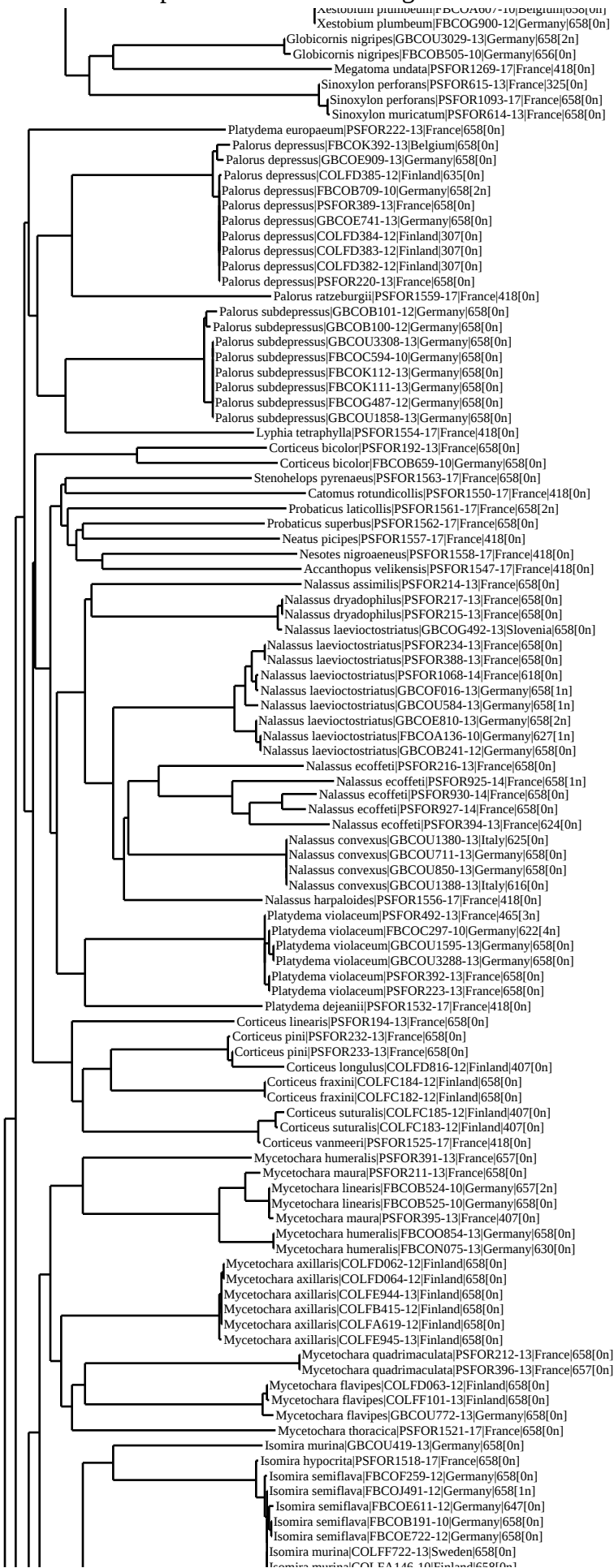


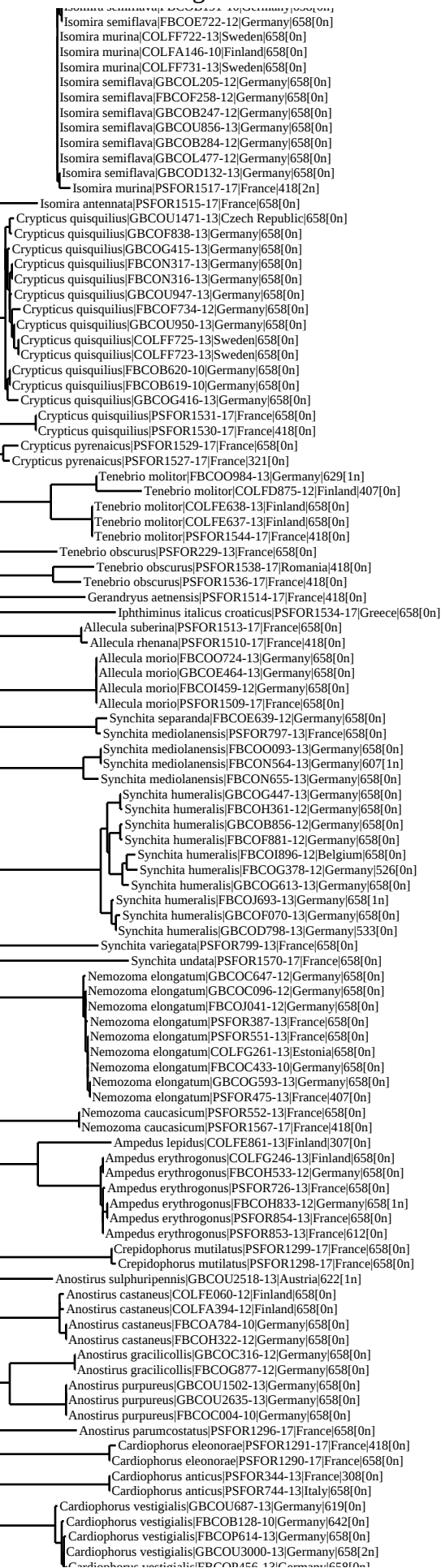












A detailed phylogenetic tree showing the relationships between various species of the genus *Cardiophorus* and related genera. The tree is rooted on the left and branches out to the right. The species names are listed on the right side of the tree, with their corresponding accession numbers and country codes in parentheses. The tree shows a complex branching pattern with many nodes, indicating a large number of species and a high degree of genetic differentiation. The species names are listed in a hierarchical manner, with the genus name *Cardiophorus* at the top and the species names below it. The tree is a black and white line drawing, with the branches represented by thin black lines. The species names are written in a standard font, with the genus name in italics. The accession numbers and country codes are written in a smaller font, enclosed in parentheses. The tree is a complex network of lines, with many nodes and branches, indicating a large number of species and a high degree of genetic differentiation. The species names are listed in a hierarchical manner, with the genus name *Cardiophorus* at the top and the species names below it. The tree is a black and white line drawing, with the branches represented by thin black lines. The species names are written in a standard font, with the genus name in italics. The accession numbers and country codes are written in a smaller font, enclosed in parentheses. The tree is a complex network of lines, with many nodes and branches, indicating a large number of species and a high degree of genetic differentiation.

Cardiophorus vestigialis|FBCOP614-13|Germany|658|0n|
Cardiophorus vestigialis|GBCOU3000-13|Germany|658|2n|
Cardiophorus vestigialis|FBCOP456-13|Germany|658|0n|
Cardiophorus vestigialis|FBCOF105-12|Germany|658|1n|
Cardiophorus vestigialis|GBCOG684-13|Germany|658|0n|
Cardiophorus vestigialis|GBCOG683-13|Germany|658|0n|
Cardiophorus vestigialis|GBCOU625-13|Germany|233|0n|
Cardiophorus vestigialis|FBCON269-13|Germany|658|0n|
Cardiophorus vestigialis|GBCOU3041-13|Germany|658|0n|
Cardiophorus vestigialis|FBCON020-13|Germany|638|1n|
Cardiophorus vestigialis|FBCOF106-12|Germany|658|2n|
Cardiophorus vestigialis|PSFOR774-13|France|658|1n|
Cardiophorus atramentarius|FBCOF284-12|Germany|658|0n|
Cardiophorus atramentarius|FBCOF283-12|Germany|658|0n|
Cardiophorus rufipes|PSFOR773-13|France|376|0n|
Cardiophorus rufipes|PSFOR975-14|France|658|1n|
Cardiophorus nigerrimus|GBCOU620-13|Germany|658|0n|
Cardiophorus nigerrimus|FBCOF103-12|Germany|658|0n|
Cardiophorus nigerrimus|FBCOK606-13|Germany|658|0n|
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Cardiophorus nigerrimus|GBCOG686-13|Germany|658|0n|
Cardiophorus nigerrimus|FBCOB122-10|Germany|658|0n|
Cardiophorus nigerrimus|FBCOF104-12|Germany|658|0n|
Cardiophorus nigerrimus|GBCOG685-13|Germany|658|0n|
Cardiophorus gramineus|FBCOO814-13|Germany|657|0n|
Cardiophorus gramineus|FBCOO833-13|Germany|657|0n|
Cardiophorus gramineus|FBCOO832-13|Germany|631|0n|
Cardiophorus ruficollis|PSFOR746-13|France|658|0n|
Cardiophorus ruficollis|COLFA273-12|Finland|658|0n|
Cardiophorus ruficollis|COLFF192-13|Sweden|657|0n|
Cardiophorus ruficollis|GBCOU768-13|Germany|658|0n|
Cardiophorus ruficollis|COLFF621-13|Finland|658|0n|
Cardiophorus ruficollis|COLFF620-13|Finland|658|0n|
Cardiophorus ruficollis|COLFE514-13|Finland|616|0n|
Cardiophorus biguttatus|PSFOR1287-17|France|658|0n|
Cardiophorus biguttatus|PSFOR1286-17|France|418|0n|
Cardiophorus castillanus|PSFOR1289-17|France|658|0n|
Cardiophorus castillanus|PSFOR1288-17|France|658|0n|
Cardiophorus argiolus|PSFOR1285-17|France|658|0n|
Cardiophorus argiolus|PSFOR1284-17|France|658|0n|
Megapenthes lugens|PSFOR1304-17|France|418|0n|
Porthmidius austriacus|PSFOR1309-17|France|418|0n|
Porthmidius austriacus|PSFOR1308-17|France|418|0n|
Campylomorphus homalisinus|PSFOR1302-17|France|418|0n|
Elaterrugineus|PSFOR1303-17|France|658|0n|
Stenagostus rhombeus|FBCOF945-12|Germany|658|10n|
Stenagostus rhombeus|COLFE673-13|Sweden|612|1n|
Stenagostus rhombeus|GBCOB287-12|Germany|658|0n|
Stenagostus rhombeus|GBCOL369-12|Slovenia|632|0n|
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Stenagostus rhombeus|PSFOR994-14|France|658|0n|
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Stenagostus rhombeus|GBCOC706-12|Germany|224|0n|
Stenagostus rhombeus|FBCOG419-12|Germany|613|0n|
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Ampedus nigroflavus|FBCOI695-12|Belgium|658|0n|
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Ampedus suecicus|COLFE870-13|Finland|658|0n|
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Ampedus balteatus|FBCOD898-13|France|658|4n|

