



Scopelengys tristis MF957027
Myctophum punctatum KY033688
Myctophum punctatum KJ337914
Myctophum auroilaternatum KJ555427
Myctophum auroilaternatum GU440414
Myctophum nitidum KJ555430
Myctophum affine MF041247
Myctophum affine AP002922
Benthoesema glaciale KY033572
Benthoesema glaciale KY033571
Diogenichthys atlanticus KJ555381
Diogenichthys atlanticus KJ555380
Diogenichthys laternatus MZ853130
Diogenichthys laternatus KJ555383
F154
F139
F485
F63
F138
Benthoesema fibulatum OL512894
Benthoesema fibulatum KJ555325
Benthoesema panamense MF956523
Benthoesema panamense KJ555326
Benthoesema pterotum MT773197
Benthoesema pterotum KC442071
F96
Benthoesema suborbitalis OL512814
F528
F113
Benthoesema suborbitalis MG856415
F83
F111
Dasy Scopelus selenops MH113292
Dasy Scopelus selenops HM390048
Myctophum obtusirostre KJ555431
Myctophum obtusirostre KJ190064
Dasy Scopelus spinosus OL512890
Dasy Scopelus spinosus KJ555438
F133
Dasy Scopelus asper KJ555426
Dasy Scopelus asper AP012234
Hygophum reinhardtii MH777625
Hygophum reinhardtii EU148206
Hygophum proximum KJ555400
Hygophum proximum GU440347
Hygophum sp. OL512921
F537
Hygophum hygonii KY033636
Hygophum hygonii KJ555399
Hygophum benoitii MF041579
Hygophum benoitii MF041355
Hygophum macrochir MT563447
Hygophum macrochir MG856575
Hygophum taaningi MN621610
Hygophum taaningi MF041596
Symbolophorus californiensis KJ555466
Symbolophorus californiensis AP012246
F421
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F112
F78
F335
F191
F529
F494
F325
F542
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F499
F498
Symbolophorus evermanni KJ555468
Symbolophorus evermanni OL512923
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F337
F501
F366
Symbolophorus rufinus ON597416
F171
Symbolophorus rufinus KJ555470
F430
F185
F462
F207
F205
F76
Notolichnus valdiviae GU071734
F271
Notolichnus valdiviae KJ555449
F541
F119
F109
F369
F469
F361
F155
F95
Diaphus termophilus OM687607
Diaphus termophilus HQ564054
Diaphus splendidus KJ555373
F100
F263
F539
Diaphus splendidus AP002923
F267
F221
F167
F334
F128
Diaphus perspicillatus MH113326
Diaphus perspicillatus KJ555365
F328
F225
F166
F237
F82
F238
F233
F438
F455
F362
F212
Diaphus kapalaie HQ564030
Diaphus kapalaie HQ564028
Diaphus thiollieri MT773249
Diaphus thiollieri KR231840
Diaphus chrysorhynchus MW379655
Diaphus chrysorhynchus AP012233
Diaphus fragilis MH113325
F324
F314
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F134
Diaphus fragilis MG856389
F148
F317
F468
F107
F106
Diaphus ostentfeldi HQ564062
Diaphus ostentfeldi HQ564026
F150
Diaphus lucidus_MH113303
Diaphus lucidus_MG856883
F149
F544
F511
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F298
Diaphus philipsi OM687713
Diaphus philipsi OM687717
F242
Diaphus efulgens KJ555350
Diaphus efulgens KJ190058
F224
F519
F226
Diaphus garmani KR231846
Diaphus garmani KR231841
F160
Diaphus malayanus OM687654
Diaphus malayanus OM687644
Diaphus subtilis MH777697
Diaphus subtilis MG856611
Diaphus parri KJ555363
Diaphus parri OM687541
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Diaphus mollis MZ050585
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Diaphus mollis KJ555359
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Diaphus fulgens KJ555353
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Diaphus lobatus_KJ555355
Diaphus aliciae KJ555344
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F409
Diaphus richardsoni KJ555366
F442
Diaphus richardsoni MW379626
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Diaphus brachycephalus KJ555348
Diaphus brachycephalus MN621590
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Lampadena speculigera KY033646
Lampadena speculigera KJ190060
Lampadena notialis MZ853136
Lampadena notialis HQ564093
Lampadena urophaoes urophaoes KJ555410
Lampadena urophaoes urophaoes KJ555409
Lampadena atlantica MH113320
Lampadena atlantica AP012251
F347
Lampadena chavesi EU148224
Lampadena chavesi EU148222
Lampadena anomala OL512902
Lampadena anomala EU148220
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Lampadena luminosa MW379422
Lampadena luminosa KJ555405
F474
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Bolinichthys supralateralis MG856426
Bolinichthys supralateralis EU148101
Bolinichthys distofax MZ050565
F74
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Bolinichthys distofax AP012232
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Bolinichthys sp. MZ028422
Bolinichthys sp. KJ967925
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Bolinichthys photothorax MH113297
Bolinichthys photothorax MG856570
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Ceratoscopelus maderensis KY033879
Ceratoscopelus maderensis AP012259
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Ceratoscopelus warmingii KJ555342
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Ceratoscopelus warmingii MH113299
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Triphoturus mexicanus NC_037249
Triphoturus mexicanus KJ555475
Triphoturus nigrescens KJ555476
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Triphoturus nigrescens AP012243
F533
F527
Parvilux ingens KJ555452
Lampanyctus crocodilus KJ709784
Lampanyctus crocodilus AP012258
Lampanyctus pusillus KY033652
Lampanyctus pusillus KU902917
Lampanyctus australis MZ853128
Lampanyctus australis MN123395
Lampanyctus alatus MF041328
Lampanyctus alatus GU071328
Lampanyctus intricanus MN123396
Lampanyctus intricanus KJ555412
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Lampanyctus tenuiformis MW379578
Lampanyctus tenuiformis JX149568
Lampanyctus cuprarius MH113311
Lampanyctus cuprarius MF041584
Lampanyctus hubbsi KJ555411
Lampanyctus parvicauda MZ853131
Lampanyctus parvicauda MF956744
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Lampanyctus sp. OL512858
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Lampanyctus turneri KJ555416
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Lampanyctus nobilis MZ050595
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Lampanyctus nobilis MG856571
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