

UPDATED SPECIES LIST FOR BY-CATCH CAUGHT IN ICCAT FISHERIES

Paul de Bruyn¹ and Carlos Palma¹

SUMMARY

The number of species being reported to the ICCAT secretariat is increasing annually due to an increased focus on by-caught species. As such it has been necessary to revise and update the ICCAT list of species to accommodate these changes as well as to take into account updated taxonomic revisions. This document provides an updated list of by-catch species along with associated reporting codes. It is the intention of the ICCAT Secretariat for the Standing Committee on Ecosystems and By-catch to discuss the revisions and approve an official list for use in the ICCAT statistical databases.

RÉSUMÉ

Le nombre d'espèces déclarées au Secrétariat de l'ICCAT augmente chaque année en raison de l'attention accrue accordée aux espèces de prises accessoires. Par conséquent, il s'est avéré nécessaire de réviser et d'actualiser la liste des espèces de l'ICCAT afin de refléter ces changements et de tenir compte des révisions taxonomiques mises à jour. Ce document contient une liste mise à jour des espèces de prises accessoires ainsi que de leurs codes de déclaration. Le Secrétariat de l'ICCAT, pour le compte du Comité permanent sur les écosystèmes et les prises accessoires, a l'intention de débattre de ces révisions et d'approuver une liste officielle à utiliser dans les bases de données statistiques de l'ICCAT.

RESUMEN

El número de especies que se comunican a la Secretaría de ICCAT está aumentando anualmente debido a un creciente interés por las especies de captura fortuita. Por ello, ha sido necesario revisar y actualizar la lista de especies de ICCAT para incluir estos cambios, así como para tener en cuenta revisiones taxonómicas actualizadas. Este documento proporciona una lista actualizada de especies de captura fortuita junto con los códigos de comunicación asociados. Es intención de la Secretaría de ICCAT que el Comité permanente de ecosistemas y captura fortuita discuta las revisiones y apruebe una lista oficial para utilizarla en las bases de datos estadísticas de ICCAT.

KEYWORDS

By-catch, Sea turtles, Seabirds, Teleosts, Taxonomy

Overview of ICCAT species

According to the ICCAT website (<http://www.iccat.int/en/introduction.htm>), about 30 species are of direct concern to ICCAT: Atlantic bluefin (*Thunnus thynnus thynnus*), skipjack (*Katsuwonus pelamis*), yellowfin (*Thunnus albacares*), albacore (*Thunnus alalunga*) and bigeye tuna (*Thunnus obesus*); swordfish (*Xiphias gladius*); billfishes such as white marlin (*Tetrapturus albidus*), blue marlin (*Makaira nigricans*), sailfish (*Istiophorus bicans*) and spearfish (*Tetrapturus pfluegeri*); mackerels such as spotted Spanish mackerel (*Scomberomorus maculatus*) and king mackerel (*Scomberomorus cavalla*); and, small tunas like black skipjack (*Euthynnus alletteratus*), frigate tuna (*Auxis thazard*), and Atlantic bonito (*Sarda sarda*). Through the Convention, it is established that ICCAT is the only fisheries organization that can undertake the range of work required for the study and management of tunas and tuna-like fishes in the Atlantic. Such studies include research on biometry, ecology, and oceanography, with a principal focus on the effects of fishing on stock abundance. The Commission's work requires the collection and analysis of statistical information relative to current conditions

¹ ICCAT Secretariat, C/ Corazón de Maria, 8, 6th floor, 28002 Madrid (paul.debruyne@iccat.int).

and trends of the fishery resources in the Convention area. The Commission also undertakes work in the compilation of data for other fish species that are caught during tuna fishing ("by-catch", principally sharks) in the Convention area, and which are not investigated by another international fishery organization.

This last requirement has resulted in a greatly expanded list of species that are reported to the ICCAT secretariat on an annual basis. Several recent ICCAT recommendations and resolutions, particularly related to these by-caught species have resulted in a need to revise the list of species that were previously used by ICCAT. These expansions have necessitated the need to revisit the list of "official" ICCAT species and their codes, as the increased data requirements and scrutiny have shown that there are several inconsistencies that need to be addressed. Taxonomic revisions have occurred since the inception of the ICCAT species list and these need to be addressed. In addition, the list of species covered by the FAO, and which ICCAT have historically utilised, is incomplete and no longer sufficient for reporting purposes.

The aim of this document is to provide a revised taxonomic guideline and species list, proposed by the Secretariat for use in ICCAT databases. It is hoped that the Standing Committee on Ecosystems and By-catch (SCECO) can approve the list for official use.

The proposed update to the by-catch species list

As mentioned previously several inconsistencies exist in the current list of ICCAT species. In the past ICCAT has included codes for various taxonomic levels, several of which are of little use for data reporting due to their generic level (eg. MAM for Mammalia). Where possible, codes have been revised to ensure more detailed information is submitted. For the example of MAM, codes have been provided for individual species or families which provide an increased level of information which is necessary for responsible species management. In addition, several past codes have been changed to reflect revised taxonomic information.

In summary, the following actions were taken on the species list:

- Completed the Taxonomy (using the ITIS database - <http://www.itis.gov>).
- Added a species field (TaxonGroup) that allow an easy identification of Species codes that are in reality other things: genus, order, family, suborder, etc.
- Deleted duplicated codes

For by-catch teleost, marine mammal, seabird and sea turtle species, this has resulted in 208 codes being made available, of which 180 are for species level, 12 for genus and 16 for family (**Table 1**). The full list of codes and species are provided in **Appendix 1**.

Summary

As this document clearly indicates, there are many species for which ICCAT collects data. It is thus fundamental to ensure that the taxonomy ICCAT uses is correct and that the codes provided for data submission represent the best groupings possible to ensure the species impacted can be clearly defined and managed responsibly. It is thus the intention of the secretariat of ICCAT to provide the list of species and associated codes to experts at the SCECO meeting in order to obtain feedback on the proposed revisions. In particular views on the necessity for some of the more aggregated levels (e.g. Order level codes) and comments on the taxonomic revisions.

Table 1. Summary of number of codes per taxonomic group for bycatch species.

<i>OrderTx</i>	<i>FamilyTx</i>	<i>1-Species</i>	<i>2-Genus</i>	<i>4-Family</i>	<i>Total</i>
Anguilliformes	Muraenidae	1			1
	Ophichthidae			1	1
Aulopiformes	Alepisauridae	2	1		3
Beloniformes	Belonidae	1		1	2
	Exocoetidae	1		1	2
	Hemiramphidae	1			1
	Scomberesocidae	1			1
Carnivora	Otariidae	1	1		2
Cetacea	Balaenidae	2			2
	Balaenopteridae	5			5
	Delphinidae	14		1	15
	Kogiidae	1			1
	Phocoenidae	1			1
	Physeteridae	1			1
	Ziphiidae	1	1		2
Charadriiformes	Alcidae	1			1
	Laridae	5			5
	Stercorariidae	1			1
Clupeiformes	Engraulidae	1			1
Gadiformes	Gadidae	2			2
	Macrouridae			1	1
Gasterosteiformes	Syngnathidae	1			1
Lampridiformes	Lampridae	1			1
	Regalecidae	1			1
	Trachipteridae	2		1	3
Lophiiformes	Lophiidae	2			2
Perciformes	Bramidae	5		1	6
	Carangidae	13	1		14
	Centrolophidae	3			3
	Coryphaenidae	1			1
	Echeneidae	4	1	1	6
	Gempylidae	4			4
	Istiophoridae	6		1	7
	Kyphosidae	1	1		2
	Lobotidae	1			1
	Lutjanidae		1		1
	Luvaridae	1			1
	Nomeidae		1		1
	Nototheniidae	1			1
	Polyprionidae	2			2
	Pomatomidae	1			1
	Rachycentridae	1			1

	Sciaenidae	1	1		2
	Scombridae	27	1		28
	Serranidae		1	1	2
	Sparidae	1			1
	Sphyraenidae	1		1	2
	Trichiuridae	2		1	3
Procellariiformes	Diomedeidae	14		1	15
	Procellariidae	21			21
Suliformes	Sulidae	2			2
Testudines	Cheloniidae	5		1	6
	Dermochelyidae	1			1
Tetraodontiformes	Balistidae	4		1	5
	Diodontidae	1			1
	Molidae	3	1		4
	Monacanthidae	2			2
	Tetraodontidae	1		1	2
Total		180	12	16	208

Appendix 1

List of by-catch species and codes

ICCAT code	SciName	CoNameEN	Author	GenusTx	FamilyTx	SuborderTx	OrderTx	Superorder	Infraclass	ClassTx	Superclass	Phylum	ICCATistStatus
SBF	Thunnus maccoyii	Southern bluefin tuna	Castelnau 1872	Thunnus	Scombridae	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES
BLM	Makaira indica	Black marlin	Cuvier 1832	Makaira	Istiophoridae	Xiphoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES
TUN	Thunnini	Tunas nei			Scombridae	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES
BIL	Istiophoridae	Marlins, sailfishes, et c. nei			Istiophoridae	Xiphoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES
MAC	Scomber scombrus	Atlantic mackerel	Linnaeus 1758	Scomber	Scombridae	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
MAS	Scomber japonicus	Chub mackerel	Houttuyn 1782	Scomber	Scombridae	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
LEC	Lepidocybium flavobrunneum	Escolar	Smith 1843	Lepidocybium	Gempylidae	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
BSF	Aphanopus carbo	black scabbardfish	Lowe 1839	Aphanopus	Trichiuridae	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
CUT	Trichiuridae	Hairtails, scabbardfishes nei			Trichiuridae	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
GES	Gempylus serpens	Snake mackerel	Cuvier 1829	Gempylus	Gempylidae	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
NEN	Nesiarctus nasutus	Black gemfish	Johnson 1862	Nesiarctus	Gempylidae	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
SFS	Lepidopus caudatus	Silver scabbardfish	Euphrasen 1788	Lepidopus	Trichiuridae	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
OIL	Ruvettus pretiosus	Oilfish	Cocco 1833	Ruvettus	Gempylidae	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES
BIP	Sarda orientalis	Striped bonito	Temminck & Schlegel 1844	Sarda	Scombridae	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES
BEP	Sarda chiliensis	Eastern Pacific bonito	Cuvier 1832	Sarda	Scombridae	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES
BAU	Sarda australis	Australian bonito	Macleay 1881	Sarda	Scombridae	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES
DOT	Gymnosarda unicolor	Dogtooth tuna	Rüppell 1836	Gymnosarda	Scombridae	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES
CHY	Scomberomorus sinensis	Chinese seerfish	Lacepède 1800	Scomberomorus	Scombridae	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES
COM	Scomberomorus commerson	Narrow-barred Spanish mackerel	Lacepède 1800	Scomberomorus	Scombridae	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES
GUT	Scomberomorus guttatus	Indo-Pacific king mackerel	Bloch & Schneider 1801	Scomberomorus	Scombridae	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES
STS	Scomberomorus lineolatus	Streaked seerfish	Cuvier 1831	Scomberomorus	Scombridae	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES
SIE	Scomberomorus sierra	Pacific sierra	Jordan & Starks 1895	Scomberomorus	Scombridae	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES
QUM	Scomberomorus	Queensland school	Munro 1943	Scomberomorus	Scombridae	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES

	queenslandicus	mackerel											
NPH	Scomberomorus niphonius	Japanese Spanish mackerel	Cuvier 1832	Scomberomorus	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES	
BBM	Scomberomorus semifasciatus	Broad-barred king mackerel	Macleay 1883	Scomberomorus	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES	
KOS	Scomberomorus koreanus	Korean seerfish	Kishinouye 1915	Scomberomorus	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES	
MOS	Scomberomorus concolor	Monterey Spanish mackerel	Lockington 1879	Scomberomorus	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES	
PAP	Scomberomorus multiradiatus	Papuan seerfish	Munro 1964	Scomberomorus	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES	
KAK	Scomberomorus plurilineatus	Kanadi kingfish	Fourmanoir 1966	Scomberomorus	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES	
ASM	Scomberomorus munroi	Australian spotted mackerel	Collette & Russo 1980	Scomberomorus	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES	
BUK	Gasterochisma melampus	Butterfly kingfish	Richardson 1845	Gasterochisma	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES	
LEB	Cybiosarda elegans	Leaping bonito	Whitley 1935	Cybiosarda	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES	
SHM	Grammatorcynus bicarinatus	Shark mackerel	Quoy & Gaimard 1825	Grammatorcynus	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES	
DBM	Grammatorcynus bilineatus	Double-lined mackerel	Rüppell 1836	Grammatorcynus	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES	
BKJ	Euthynnus lineatus	Black skipjack	Kishinouye 1920	Euthynnus	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES	
KAW	Euthynnus affinis	Kawakawa	Cantor 1849	Euthynnus	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES	
LOT	Thunnus tonggol	Longtail tuna	Bleeker 1851	Thunnus	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES	
TUS	Thunnus spp	True tunas nei		Thunnus	Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES	
SFA	Istiophorus platypterus	Indo-Pacific sailfish	Shaw & Nodder 1792	Istiophorus	Xiphoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES	
MSP	Tetrapturus belone	Mediterranean spearfish	Rafinesque 1810	Tetrapturus	Xiphoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES	
MLS	Tetrapturus audax	Striped marlin	Philippi 1887	Tetrapturus	Xiphoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES	
SSP	Tetrapturus angustirostris	Shortbill spearfish	Tanaka 1915	Tetrapturus	Xiphoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES	
RSP	Tetrapturus georgii	Roundscale spearfish	Lowe 1841	Tetrapturus	Xiphoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES	
TUX	Scombroidei	Tuna-like fishes nei			Scombroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES	
CVJ	Caranx hippos	Crevalle jack	Linnaeus 1766	Caranx	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new	

GBA	<i>Sphyaena barracuda</i>	Great barracuda	Walbaum 1792	<i>Sphyaena</i>	Sphyaenidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
YTC	<i>Seriola lalandi</i>	Yellowtail amberjack	Valenciennes 1833	<i>Seriola</i>	Carangidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
SAU	<i>Scomberesox saurus</i>	Atlantic saury	Walbaum 1792	<i>Scomberesox</i>	Scomberesocidae	Belonoidei	Beloniformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	YES
POA	<i>Brama brama</i>	Atlantic pomfret	Bonnaterre 1788	<i>Brama</i>	Bramidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
AMB	<i>Seriola dumerili</i>	Greater amberjack	Risso 1810	<i>Seriola</i>	Carangidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
AMX	<i>Seriola</i> spp	Amberjacks nei		<i>Seriola</i>	Carangidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
LAG	<i>Lampris guttatus</i>	Opah	Brünnich 1788	<i>Lampris</i>	Lampridae		Lampridiformes	Lampridiomorpha	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
AJS	<i>Abalistes stellaris</i>	Starry triggerfish	Bloch & Schneider 1801	<i>Abalistes</i>	Balistidae	Tetraodontoidei	Tetraodontiformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
AWI	<i>Aluterus schoepfii</i>	Orange filefish	Walbaum 1792	<i>Aluterus</i>	Monacanthidae	Tetraodontoidei	Tetraodontiformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
BVP	<i>Balistes punctatus</i>	Bluespotted triggerfish	Gmelin 1789	<i>Balistes</i>	Balistidae	Tetraodontoidei	Tetraodontiformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
EXQ	<i>Euleptorhamphus velox</i>	Flying halfbeak	Poey 1868	<i>Euleptorhamphus</i>	Hemiramphidae	Belonoidei	Beloniformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
HPI	<i>Hippocampus gutturalus</i>	Long-snouted seahorse	Cuvier 1829	<i>Hippocampus</i>	Syngnathidae	Syngnathoidei	Gasterosteiformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
KYS	<i>Kyphosus sectatrix</i>	Bermuda sea chub	Linnaeus 1766	<i>Kyphosus</i>	Kyphosidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
LOB	<i>Lobotes surinamensis</i>	Tripletail	Bloch 1790	<i>Lobotes</i>	Lobotidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
LGH	<i>Lagocephalus lagocephalus</i>	Oceanic puffer	Linnaeus 1758	<i>Lagocephalus</i>	Tetraodontidae	Tetraodontoidei	Tetraodontiformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
WME	<i>Polyprion moeone</i>	Bass groper	Phillipps 1927	<i>Polyprion</i>	Polyprionidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
CKW	<i>Pseudotolithus</i> spp	West African croakers nei		<i>Pseudotolithus</i>	Sciaenidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
REZ	<i>Remora osteochir</i>	Marlin sucker	Cuvier 1829	<i>Remora</i>	Echeneidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
HVU	<i>Schedophilus medusophagus</i>	Cornish blackfish	Cocco 1839	<i>Schedophilus</i>	Centrolophidae	Stromateoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
TWK	<i>Trachipterus ishikawae</i>	Slender ribbonfish	Jordan & Snyder 1901	<i>Trachipterus</i>	Trachipteridae		Lampridiformes	Lampridiomorpha	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
ALI	<i>Alepisaurus</i> spp	Lancetfishes nei		<i>Alepisaurus</i>	Alepisauridae	Alepisauroidi	Aulopiformes	Cycloquamata	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
ALM	<i>Aluterus monoceros</i>	Unicorn leatherjacket filefish	Linnaeus 1758	<i>Aluterus</i>	Monacanthidae	Tetraodontoidei	Tetraodontiformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
ALO	<i>Alepisaurus brevirostris</i>	Short snouted lancetfish	Gibbs 1960	<i>Alepisaurus</i>	Alepisauridae	Alepisauroidi	Aulopiformes	Cycloquamata	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
ALX	<i>Alepisaurus ferax</i>	Long snouted lancetfish	Lowe 1833	<i>Alepisaurus</i>	Alepisauridae	Alepisauroidi	Aulopiformes	Cycloquamata	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
ANE	<i>Engraulis encrasicolus</i>	European anchovy	Linnaeus 1758	<i>Engraulis</i>	Engraulidae	Clupeoidei	Clupeiformes	Clupeomorpha	Teleostei	Actinopterygii	Osteichthyes	Chordata	new

ANG	Lophius americanus	American angler	Valenciennes 1837	Lophius	Lophiidae	Lophioidei	Lophiiformes	Paracanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
BAZ	Sphyracnidae	Barracudas, etc. nei			Sphyracnidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
BEN	Belonidae	Needlefishes, etc. nei			Belonidae	Belonoidei	Beloniformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
BLI	Molva dypterygia	Blue ling	Pennant 1784	Molva	Gadidae		Gadiformes	Paracanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
BLU	Pomatomus saltatrix	Bluefish	Linnaeus 1766	Pomatomus	Pomatomidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
BRZ	Bramidae	Pomfrets, ocean breams nei			Bramidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
BSX	Serranidae	Groupers, seabasses nei			Serranidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
CBA	Rachycentron canadum	Cobia	Linnaeus 1766	Rachycentron	Rachycentridae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
CEO	Centrolophus niger	Rudderfish	Gmelin 1789	Centrolophus	Centrolophidae	Stromateoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
CFW	Coryphaena equiselis	Pompano dolphinfish	Linnaeus 1758	Coryphaena	Coryphaenidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
CNT	Canthidermis maculata	Rough triggerfish	Bloch 1786	Canthidermis	Balistidae	Tetraodontoidei	Tetraodontiformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
COD	Gadus morhua	Atlantic cod	Linnaeus 1758	Gadus	Gadidae		Gadiformes	Paracanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
CUP	Cubiceps spp	Bigeye cigarfish nei		Cubiceps	Nomeidae	Stromateoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
CXS	Caranx sexfasciatus	Bigeye trevally	Quoy & Gaimard 1825	Caranx	Carangidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
DIY	Diodon hystrix	Spot-fin porcupinefish	Linnaeus 1758	Diodon	Diodontidae	Tetraodontoidei	Tetraodontiformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
ECN	Echeneidae	Suckerfishes, remoras nei			Echeneidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
FLY	Exocoetidae	Flyingfishes nei			Exocoetidae	Belonoidei	Beloniformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
GAR	Belone belone	Garfish	Linnaeus 1761	Belone	Belonidae	Belonoidei	Beloniformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
GPX	Epinephelus spp	Groupers nei		Epinephelus	Serranidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
HDR	Hirundichthys rondeletii	Black wing flyingfish	Valenciennes 1847	Hirundichthys	Exocoetidae	Belonoidei	Beloniformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
HDV	Schedophilus ovalis	Imperial blackfish	Cuvier 1833	Schedophilus	Centrolophidae	Stromateoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
HMM	Trachurus mediterraneus	Mediterranean horse mackerel	Steindachner 1868	Trachurus	Carangidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
HTL	Phtheichthys lineatus	Slender suckerfish	Menzies 1791	Phtheichthys	Echeneidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
KYP	Kyphosus spp	Kyphosus sea chubs		Kyphosus	Kyphosidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new

		nei											
LEE	Lichia amia	Leerfish	Linnaeus 1758	Lichia	Carangidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
LVM	Luvarus imperialis	Luvar	Rafinesque 1810	Luvarus	Luvaridae	Acanthuroidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
MMH	Muraena helena	Mediterranean moray	Linnaeus 1758	Muraena	Muraenidae	Muraenoidei	Anguilliformes	Elopomorpha	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
MON	Lophius piscatorius	Angler(=Monk)	Linnaeus 1758	Lophius	Lophiidae	Lophioidei	Lophiiformes	Paracanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
MOP	Mola spp	Sunfishes nei		Mola	Molidae	Tetraodontoidei	Tetraodontiformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
MOX	Mola mola	Ocean sunfish	Linnaeus 1758	Mola	Molidae	Tetraodontoidei	Tetraodontiformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
MRW	Masturus lanceolatus	Sharptail mola	Liénard 1840	Masturus	Molidae	Tetraodontoidei	Tetraodontiformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
NAU	Naucrates ductor	Pilotfish	Linnaeus 1758	Naucrates	Carangidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
OWX	Ophichthidae	Snake eels nei			Ophichthidae	Congroidei	Anguilliformes	Elopomorpha	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
PUX	Tetraodontidae	Puffers nei			Tetraodontidae	Tetraodontoidei	Tetraodontiformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
RDM	Sciaenops ocellatus	Red drum	Linnaeus 1766	Sciaenops	Sciaenidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
REL	Regalecus glesne	King of herrings	Ascanius 1772	Regalecus	Regalecidae		Lampridiformes	Lampridiomorpha	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
REM	Remora spp	Shark suckers nei		Remora	Echeneidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
REO	Remora remora	Shark sucker	Linnaeus 1758	Remora	Echeneidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
RPG	Pagrus pagrus	Red porgy	Linnaeus 1758	Pagrus	Sparidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
RRL	Remorina albescens	White suckerfish	Temminck & Schlegel 1845	Remorina	Echeneidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
RRU	Elagatis bipinnulata	Rainbow runner	Quoy & Gaimard 1825	Elagatis	Carangidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
RTX	Macrouridae	Grenadiers, rattails nei			Macrouridae		Gadiformes	Paracanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
RUB	Caranx crysos	Blue runner	Mitchill 1815	Caranx	Carangidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
RZV	Ranzania laevis	Slender sunfish	Pennant 1776	Ranzania	Molidae	Tetraodontoidei	Tetraodontiformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
SNA	Lutjanus spp	Snappers nei		Lutjanus	Lutjanidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
TAL	Taractichthys longipinnis	Big-scale pomfret	Lowe 1843	Taractichthys	Bramidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
TAS	Taractes asper	Rough pomfret	Lowe 1843	Taractes	Bramidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
TCR	Taractes rubescens	Dagger pomfret	Jordan & Evermann 1887	Taractes	Bramidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
TOP	Dissostichus eleginoides	Patagonian Toothfish	Smitt 1898	Dissostichus	Nototheniidae	Notothenioidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
TPA	Trachipterus arcticus	Dealfish	Brünnich 1788	Trachipterus	Trachipteridae		Lampridiformes	Lampridiomorpha	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
TRG	Balistes carolinensis	Grey triggerfish	Gmelin 1789	Balistes	Balistidae	Tetraodontoidei	Tetraodontiformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new

TRI	Balistidae	Triggerfishes, durgons nei			Balistidae	Tetraodontoidei	Tetraodontiformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
TRX	Trachipteridae	Ribbonfishes nei			Trachipteridae		Lampridiformes	Lampridiomorpha	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
TRZ	Pseudocaranx dentex	White trevally	Bloch & Schneider 1801	Pseudocaranx	Carangidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
TST	Taractichthys steindachneri	Sickle pomfret	Döderlein 1884	Taractichthys	Bramidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
USE	Uraspis secunda	Cottonmouth jack	Poey 1860	Uraspis	Carangidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
VAD	Campogramma glaycos	Vadigo	Lacépède 1801	Campogramma	Carangidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
WRF	Polyprion americanus	Wreckfish	Bloch & Schneider 1801	Polyprion	Polyprionidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
YTL	Seriola rivoliana	Longfin yellowtail	Valenciennes 1833	Seriola	Carangidae	Percoidei	Perciformes	Acanthopterygii	Teleostei	Actinopterygii	Osteichthyes	Chordata	new
SXQ	Arctocephalus spp	Fur seals nei		Arctocephalus	Otariidae	Caniformia	Carnivora	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
SEL	Otaria flavescens	South American sea lion	Shaw 1800	Otaria	Otariidae	Caniformia	Carnivora	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
BCW	Ziphius cavirostris	Cuvier's beaked whale	Cuvier 1823	Ziphius	Ziphiidae	Odontoceti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
BRW	Balaenoptera edeni	Bryde's whale	Anderson 1878	Balaenoptera	Balaenopteridae	Mysticeti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
DBO	Tursiops truncatus	Bottlenose dolphin	Montagu 1821	Tursiops	Delphinidae	Odontoceti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
DCL	Stenella clymene	Clymene dolphin	Gray 1850	Stenella	Delphinidae	Odontoceti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
DCO	Delphinus delphis	Common dolphin	Linnaeus 1758	Delphinus	Delphinidae	Odontoceti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
DLP	Delphinidae	Dolphins nei			Delphinidae	Odontoceti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
DPN	Stenella attenuata	Pantropical spotted dolphin	Gray 1846	Stenella	Delphinidae	Odontoceti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
DRR	Grampus griseus	Risso's dolphin	Cuvier 1812	Grampus	Delphinidae	Odontoceti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
DSA	Stenella frontalis	Atlantic spotted dolphin	Cuvier 1829	Stenella	Delphinidae	Odontoceti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
DSI	Stenella longirostris	Spinner dolphin	Gray 1828	Stenella	Delphinidae	Odontoceti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
DST	Stenella coeruleoalba	Striped dolphin	Meyen 1833	Stenella	Delphinidae	Odontoceti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
DWH	Lagenorhynchus acutus	Atlantic white-sided dolphin	Gray 1828	Lagenorhynchus	Delphinidae	Odontoceti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
EUA	Eubalaena australis	Southern right whale	Desmouilins 1822	Eubalaena	Balaenidae	Mysticeti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
EUG	Eubalaena glacialis	Northern right whale	Muller 1776	Eubalaena	Balaenidae	Mysticeti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
FAW	Pseudorca crassidens	False killer whale	Owen 1846	Pseudorca	Delphinidae	Odontoceti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
FIW	Balaenoptera physalus	Fin whale	Linnaeus 1758	Balaenoptera	Balaenopteridae	Mysticeti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
HUW	Megaptera novaeangliae	Humpback whale	Borowski 1781	Megaptera	Balaenopteridae	Mysticeti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new

KIW	Orcinus orca	Killer whale	Linnaeus 1758	Orcinus	Delphinidae	Odontoceti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
MEP	Mesoplodon spp	Beaked whales nei		Mesoplodon	Ziphiidae	Odontoceti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
MIW	Balaenoptera acutorostrata	Minke whale	Lacepède 1804	Balaenoptera	Balaenopteridae	Mysticeti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
PHR	Phocoena phocoena	Harbour porpoise	Linnaeus 1758	Phocoena	Phocoenidae	Odontoceti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
PIW	Globicephala melas	Long-finned pilot whale	Traill 1809	Globicephala	Delphinidae	Odontoceti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
PYW	Kogia breviceps	Pygmy sperm whale	de Blainville 1838	Kogia	Kogiidae	Odontoceti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
RTD	Steno bredanensis	Rough-toothed dolphin	Lesson 1828	Steno	Delphinidae	Odontoceti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
SHW	Globicephala macrorhynchus	Short-finned pilot whale	Gray 1846	Globicephala	Delphinidae	Odontoceti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
SIW	Balaenoptera borealis	Sei whale	Lesson 1828	Balaenoptera	Balaenopteridae	Mysticeti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
SPW	Physeter macrocephalus	Sperm whale	Linnaeus 1758	Physeter	Physeteridae	Odontoceti	Cetacea	Laurasiatheria	Eutheria	Mammalia	Tetrapoda	Chordata	new
CZE	Calonectris edwardsii	Cape Verde Shearwater	Oustalet 1883	Calonectris	Procellariidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
FPA	Fratercula arctica	Atlantic puffin	Linnaeus 1758	Fratercula	Alcidae	Alcae	Charadriiformes		Neornithes	Aves	Tetrapoda	Chordata	new
FNO	Fulmarus glacialis	Northern fulmar	Linnaeus 1761	Fulmarus	Procellariidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
LHZ	Larus argentatus	Herring gull	Pontoppidan 1763	Larus	Laridae	Lari	Charadriiformes		Neornithes	Aves	Tetrapoda	Chordata	new
LVA	Larus atricilla	Laughing gull	Linnaeus 1758	Larus	Laridae	Lari	Charadriiformes		Neornithes	Aves	Tetrapoda	Chordata	new
LVH	Larus audouinii	Audouin's gull	Payraudeau 1826	Larus	Laridae	Lari	Charadriiformes		Neornithes	Aves	Tetrapoda	Chordata	new
LVJ	Larus cachinnans	Yellow-legged gull	Pallas 1811	Larus	Laridae	Lari	Charadriiformes		Neornithes	Aves	Tetrapoda	Chordata	new
LVU	Larus marinus	Great black-backed gull	Linnaeus 1758	Larus	Laridae	Lari	Charadriiformes		Neornithes	Aves	Tetrapoda	Chordata	new
MVB	Morus bassanus	Northern gannet	Linnaeus 1758	Morus	Sulidae		Suliformes		Neornithes	Aves	Tetrapoda	Chordata	new
MWE	Morus capensis	Cape gannet	Lichtenstein 1823	Morus	Sulidae		Suliformes		Neornithes	Aves	Tetrapoda	Chordata	new
DAQ	Phoebastria albatrus	Short-tailed albatross	Pallas 1769	Phoebastria	Diomedidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
PJZ	Pterodroma arminjoniana	Trindade petrel	Giglioli & Salvadori 1869	Pterodroma	Procellariidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
HJW	Pterodroma cahow	Bermuda petrel	Nichols & Mowbray 1916	Pterodroma	Procellariidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
HWS	Pterodroma hasitata	Black-capped petrel	Kuhl 1820	Pterodroma	Procellariidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
UIL	Puffinus lherminieri	Audubon's shearwater	Lesson 1839	Puffinus	Procellariidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
UIM	Puffinus mauretanicus	Balearic shearwater	Lowe 1921	Puffinus	Procellariidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new

UIP	<i>Puffinus puffinus</i>	Manx shearwater	Brunnich 1764	<i>Puffinus</i>	Procellariidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
UYE	<i>Puffinus yelkouan</i>	Yelkouan shearwater	Acerbi 1827	<i>Puffinus</i>	Procellariidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
ALZ	Diomedidae	Albatrosses nei			Diomedidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
CDI	<i>Calonectris diomedea</i>	Cory's shearwater	Scopoli 1769	<i>Calonectris</i>	Procellariidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
CSK	<i>Stercorarius skua</i>	Great skua		<i>Stercorarius</i>	Stercorariidae	Lari	Charadriiformes		Neornithes	Aves	Tetrapoda	Chordata	new
DAC	<i>Daption capense</i>	Cape petrel	Linnaeus 1758	<i>Daption</i>	Procellariidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
DBN	<i>Diomedea dabbenena</i>	Tristan albatross	Mathews 1829	<i>Diomedea</i>	Diomedidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
DCR	<i>Thalassarche chlororhynchos</i>	Atlant. yellow-nosed albatross	Gmelin 1789	<i>Thalassarche</i>	Diomedidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
DCU	<i>Thalassarche cauta</i>	Shy albatross	Gould 1841	<i>Thalassarche</i>	Diomedidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
DIC	<i>Thalassarche chrysostoma</i>	Grey-headed albatross	Forster 1785	<i>Thalassarche</i>	Diomedidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
DIM	<i>Thalassarche melanophrys</i>	Black-browed albatross	Temminck 1828	<i>Thalassarche</i>	Diomedidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
DIP	<i>Diomedea epomophora</i>	Southern royal albatross	Lesson 1825	<i>Diomedea</i>	Diomedidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
DIQ	<i>Diomedea sanfordi</i>	Northern royal albatross	Murphy 1917	<i>Diomedea</i>	Diomedidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
DIX	<i>Diomedea exulans</i>	Wandering albatross	Linnaeus 1758	<i>Diomedea</i>	Diomedidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
DKN	<i>Phoebastria nigripes</i>	Black-footed albatross	Audubon 1839	<i>Phoebastria</i>	Diomedidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
FUG	<i>Fulmarus glacialisoides</i>	Southern fulmar	Andrew Smith 1840	<i>Fulmarus</i>	Procellariidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
MAH	<i>Macronectes halli</i>	Hall's giant petrel	Mathews 1912	<i>Macronectes</i>	Procellariidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
MAI	<i>Macronectes giganteus</i>	Antarctic giant petrel	Gmelin 1789	<i>Macronectes</i>	Procellariidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
PCI	<i>Procellaria cinerea</i>	Grey petrel	Gmelin 1789	<i>Procellaria</i>	Procellariidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
PCN	<i>Procellaria conspicillata</i>	Spectacled petrel	Gould 1844	<i>Procellaria</i>	Procellariidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
PDM	<i>Pterodroma macroptera</i>	Great-winged petrel	Andrew Smith 1840	<i>Pterodroma</i>	Procellariidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
PFC	<i>Puffinus carneipes</i>	Flesh-footed shearwater	Gould 1844	<i>Puffinus</i>	Procellariidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
PFG	<i>Puffinus griseus</i>	Sooty shearwater	Gmelin 1789	<i>Puffinus</i>	Procellariidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
PHE	<i>Phoebetria palpebrata</i>	Light-mantled sooty albatross	Forster 1785	<i>Phoebetria</i>	Diomedidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
PHU	<i>Phoebetria fusca</i>	Sooty albatross	Hilsenberg 1822	<i>Phoebetria</i>	Diomedidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
PRO	<i>Procellaria</i>	White-chinned	Linnaeus 1758	<i>Procellaria</i>	Procellariidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new

	aequinoctialis	petrel											
PUG	<i>Puffinus gravis</i>	Great shearwater	O'Reilly 1818	<i>Puffinus</i>	Procellariidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
TQH	<i>Thalassarche carteri</i>	Indian yellow-nosed albatross	Rothschild 1903	<i>Thalassarche</i>	Diomedidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
TWD	<i>Thalassarche steadi</i>	White-capped albatross	Falla 1933	<i>Thalassarche</i>	Diomedidae		Procellariiformes		Neornithes	Aves	Tetrapoda	Chordata	new
DKK	<i>Dermochelys coriacea</i>	Leatherback turtle	Vandelli 1761	<i>Dermochelys</i>	Dermochelyidae	Cryptodira	Testudines			Reptilia	Tetrapoda	Chordata	new
LKV	<i>Lepidochelys olivacea</i>	Olive Ridley turtle	Eschscholtz 1829	<i>Lepidochelys</i>	Cheloniidae	Cryptodira	Testudines			Reptilia	Tetrapoda	Chordata	new
LKY	<i>Lepidochelys kempii</i>	Kemp's ridley turtle	Garman 1880	<i>Lepidochelys</i>	Cheloniidae	Cryptodira	Testudines			Reptilia	Tetrapoda	Chordata	new
TTH	<i>Eretmochelys imbricata</i>	Hawksbill turtle	Linnaeus 1766	<i>Eretmochelys</i>	Cheloniidae	Cryptodira	Testudines			Reptilia	Tetrapoda	Chordata	new
TTL	<i>Caretta caretta</i>	Loggerhead turtle	Linnaeus 1758	<i>Caretta</i>	Cheloniidae	Cryptodira	Testudines			Reptilia	Tetrapoda	Chordata	new
TUG	<i>Chelonia mydas</i>	Green turtle	Linnaeus 1758	<i>Chelonia</i>	Cheloniidae	Cryptodira	Testudines			Reptilia	Tetrapoda	Chordata	new
TTX	Cheloniidae	Marine turtles nei			Cheloniidae	Cryptodira	Testudines			Reptilia	Tetrapoda	Chordata	new