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**Checklist of fish and invertebrates
listed in the CITES Appendices**

compiled by
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of the

IUCN Conservation Monitoring Centre

with contributions from
N. Mark Collins (Insecta and Araneae)
Tim Inskipp (All taxa)
Simon J. Moore (Antipatharia)

PREFACE

This checklist forms part of a series prepared for the United Kingdom's Scientific Authority for Animals to assist in implementing the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES).

For reasons explained in the introductory notes it was decided not to include non-CITES taxa listed in the Red Data Books in this volume. However the remainder of the format is the same as that used in the companion checklists for higher animal classes and we hope that it will prove just as useful to those assessing applications for CITES permits to import and export animals.

The Nature Conservancy Council, as the United Kingdom's Scientific Authority for Animals is grateful to Patricia C. Almada-Villela of the IUCN Conservation Monitoring Centre for compiling this document on its behalf.

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INTRODUCTORY NOTES

The purpose of this work is to provide a list of the species and subspecies of fish and invertebrates included in Appendices I, II and III of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES). Other checklists in the same series have also included all species listed in the IUCN Red Data Book. This volume departs from this standard and only makes reference to the Red Data Book status of the CITES listed species. This is because Pisces and Invertebrata are such large groups that a great deal still remains to be done before we can have an evaluation of the status of many species. Thus, the Red Data Books for these two groups are not comprehensive reviews of all the threatened species, but instead contain only representative examples of the types of threats suffered by these groups.

The status of the listed species is taken from the 1986 IUCN Red List of Threatened Animals. The Red List is a summary of information on all taxa known to be at risk. Additional information can be found in Miller [71], Wells [395], and Collins and Morris [81], together with unpublished data sheets for North American fish taxa dated 1983, 1984 and 1985 held at the Conservation Monitoring Centre.

For each taxon, the scientific name is given first, with the currently most frequently used synonyms in brackets. Common names appear on the following lines, below which the geographical range is indicated. The numbers appearing in square brackets refer to entries in the reference list at the back of this document.

GEOGRAPHICAL RANGE

The geographical range of each taxon is given in terms of political units, listed in alphabetical order. The political names used are those in common usage and not necessarily diplomatically correct.

When a taxon is found within one or only a few restricted areas within a larger political unit, the name of the smaller area is given in brackets, e.g. Indonesia (Kalimantan).

When the name of a country is given as within the range of a certain taxon, that taxon may or may not occur throughout the country and may even occur only peripherally.

Without surveying the range of each taxon in the field, it is necessary to rely on published records. Most taxonomic works give the range of a taxon in terms of broad geographical areas, rather than of political units. While some countries have a relatively well-known and well-reported fish and invertebrate fauna, some others do not. These factors may occasionally have resulted in some of the geographical ranges given here being incomplete or inaccurate, but every effort has been made to prevent this.

EXPLANATORY NOTES

For each taxon there may be coded entries in any of the four columns down the right-hand side of the page. Under CITES, I, II or III refers to the CITES Appendix on which the taxon is listed, as at 22 October 1987.

Entries under RDB indicate the IUCN category status:

- E = Endangered
- V = Vulnerable
- R = Rare
- O = Out of danger
- K = Insufficiently known
- Id = Indeterminate (given as 'I' in RDB, but modified here to avoid confusion with the CITES 'I' entry)
- CT = Commercially threatened

Exp: Major exploitation of taxon; where known, a category of secondary importance is given in brackets.

- BM = Building material (coral for construction work, etc.)
- Der = Derivatives and other products containing derivatives (eg hirudin)
- F = Food (which may include local and/or commercial use)
- LA = Live animal trade (for pets, medical research, zoos, etc.)
- P = Part or whole shell used as seed pearls
- Pr = Preserved specimens
- S = Shells and corals (decoration, tools, wash basins, jewellery, etc.)
- T = Trophies

Ref: The numbers in the column on the far right refer to entries in the reference list at the back of this document. These references may contain information on the status, distribution or nomenclature of the taxon in question. References which refer to the taxon in only a limited part of its range are generally excluded from this column and, instead, included in square brackets at the appropriate place(s) within the geographical range information.

After the scientific and common name of each taxon, the countries or other political units of occurrence are listed alphabetically. Country names in square brackets [] indicate that the taxon is introduced there and does not occur naturally. The following abbreviations are used to indicate the status of the information or of the taxon:

- ? = may occur; e.g. records may be conflicting or unconfirmed
- (ex) = extinct, but used to occur
- (ex?) = known to have occurred in recent times, but may now be extinct
- ?(ex) = may have occurred but does not now

The Conference of the Parties to CITES has not adopted any standard nomenclature for fish and invertebrates with the exception of the work by B. D'Abrera [90] on which the names for the birdwing butterflies are based. The present checklist therefore follows the names listed in the CITES Appendices. However, where the names used differ from those included in Nelson [73] and Parenti [78] for fish and Parker [252] for invertebrates, the synonymy used by these works has been noted.

The systematics of invertebrates have been the subject of numerous studies. Therefore, the nomenclature used for some of the CITES listings may differ from that in the latest scientific reviews, as CITES may not yet have been able to follow these changes. In particular, there have been extensive revisions of the papilionid tribe Troidini and the pearly mussels of the family Unionidae. Most of these changes have been noted in this text.

Miller [229] has radically reviewed the taxonomy of the Troidini and united all the birdwing butterflies in the single genus Troides with two subgenera: Troides (including Troides, Ripponia and Ornithoptera) and Trogonoptera. It remains to be seen whether this rearrangement will meet with general acceptance; if it does, it would be useful for the CITES Nomenclature Committee to review these taxa. A table has been included in the text to help clarify the problem of the complex taxonomy of the Ornithoptera priamus group.

Similarly, the taxonomy of the Unionidae species was reviewed in 1978 by Johnson [186] who transferred many of the Epioblasma species to other genera. A monograph on other species in the same family was published in 1980 by Johnson [187].

The taxonomic scope and sequence of orders follows the system adopted in the Appendices to CITES.

The common names used have been taken from the IUCN Red Data Book series and from a number of standard reference works for fish and insects of particular regions. Secondary common names have been included wherever this was considered useful, including non-English names commonly used by English speakers.

FISH - TAXONOMIC LIST

		Page
CERATODIFORMES		
Ceratodidae	<u>Neoceratodus forsteri</u>	2
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Acipenseridae	<u>Acipenser brevirostrum</u>	2
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	<u>Acipenser sturio</u>	2
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	<u>Scleropages formosus</u>	3
CYPRINIFORMES		
Cyprinidae	<u>Caecobarbus geertsi</u>	3
	<u>Probarbus jullieni</u>	3
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SILURIFORMES		
Schilbeidae	<u>Pangasianodon gigas</u>	3
ATHERINIFORMES		
Cyprinodontidae	<u>Cynolebias constanciae</u>	3
	<u>Cynolebias marmoratus</u>	3
	<u>Cynolebias minimus</u>	4
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	<u>Cynolebias splendens</u>	4
PERCIFORMES		
Sciaenidae	<u>Cynoscion macdonaldi</u>	4

	CITES	RDB	Exp	Ref	Notes
Class OSTEICHTHYES					
Order CERATODIFORMES					
Family Ceratodidae					
<u>Neoceratodus forsteri</u>	II	-	-	12,13,	
Australian Lungfish,				34,49,	
Queensland Lungfish,				68,69,	
Australia (Queensland)				70,73	
Order COELACANTHIFORMES					
Family Latimeriidae					
<u>Latimeria chalumnae</u>	II	K	-	33,60,	
Coelacanth, Gombessa, Latimeria				65,73,	
Comoros, South Africa (ex)					
Order ACIPENSERIFORMES					
Family Acipenseridae					
<u>Acipenser brevirostrum</u>	I	V	F	21,36,	
Shortnose Sturgeon				41,47,	
Canada [14,20,39,57,66],				75,84,	
USA [8,53,67,86,105]				87,107	
<u>Acipenser oxyrhynchus</u>	II	V	F	36,41,	
Atlantic Sturgeon,				47,72,	
Esturgeon Noir				84,92,	
Bermuda [102], Canada				107	
[96], USA [8,67,91,93,105]					
<u>Acipenser sturio</u>	I	E	F,	6,10,	
Atlantic Sturgeon			(Der)	24,30,	
Common Sturgeon				58,59,	
Albania, Algeria, Belgium				63,82	
(ex?) [80], Bulgaria (ex?)					
[9], Czechoslovakia (ex)					
[31,32], Denmark (ex) [61],					
Finland (ex?), France [50,94],					
Federal Republic of Germany					
(ex) [7,22,98], Greece [25],					
Iceland (ex?), Ireland (ex?)					
[104], Italy [1,23], Morocco,					
Netherlands (ex?) [74], Norway					
(ex?) [79], Poland (ex?)					
[28,42], Portugal [2,3],					
Romania [100], Spain (ex?)					
[43,45], Sweden (ex?) [18],					
Switzerland?, Turkey [52,54],					
UK [62,103], USSR, Yugoslavia					
(ex?)					
Order OSTEGLLOSSIFORMES					
Family Osteoglossidae					
<u>Arapaima gigas</u>	II	V	LA	29, 35,	
Arapaima, Pirarucu				47, 71	
Brazil [4,11,90],					
Guyana, Peru [106]					

	CITES	RDB	Exp	Ref	Notes
<u>Scleropages formosus</u>	I	K	LA,	5,15,	
Asian Arowana, Asian			F	26,47,	
Bonytongue				48,51,	
Borneo, Burma?, Indonesia,				64,85	
Kampuchea [19], Laos,					
Malaysia (Pen. Malaysia),					
Philippines, Singapore,					
Thailand (ex?) [95],					
Vietnam					
Order CYPRINIFORMES					
Family Cyprinidae					
<u>Caecobarbus geertsii</u>	II	-	LA	27	
African Blind Barb Fish,					
Zaire (Bas-Za re)					
<u>Probarbus jullieni</u>	I	K	F	5,47,	
Ikan Temoleh, Pla Eesok				71,76,	
Kampuchea [19,51]				97	
Laos, Malaysia [46],					
Thailand [88], Vietnam					
Family Catostomidae					
<u>Chasmistes cujus</u>	I	E	(F)	17,47,	
Cui-ui				83,89	
USA (Nevada)					
Order SILURIFORMES					
Family Schilbeidae					
(=Pangasiidae)					
<u>Pangasianodon gigas</u>	I	V	F	5,47,	
Giant Catfish, Pla Buk				71,73,	
Burma, China (Yunnan)				76,77,	
[40], Kampuchea [19,51],				81	
Laos, Thailand [88,95],					
Vietnam					
Order ATHERINIFORMES					
(=CYPRINODONTIFORMES)					
Sub Order APLOCHEILOIDEI					
Family Cyprinodontidae					
(=Rivulidae)					
<u>Cynolebias constanciae</u>	II	V	LA	16,37,	
Pearlfish				38,55,	
Brazil (Rio de Janeiro)				71,73,	
				78	
<u>Cynolebias marmoratus</u>	II	E	-	16,37,	
(=C. porosus, C. sicheleri,				44,47,	
C. zingiberinus, Cynopoecilus				55,56,	
marmoratus)				71,78	
Ginger Pearlfish					
Brazil (Rio de Janeiro) (ex?)					

	CITES	RDB	Exp	Ref	Notes
<u>Cynolebias minimus</u> (= <u>Cynopoecilus minimus</u>) Minute Pearlfish Brazil (Rio de Janeiro)	II	Id	-	16,37, 44,47, 71,78	
<u>Cynolebias opalescens</u> (= <u>C. fluminensis</u> , <u>C. whitei</u> , <u>Cynopoecilus opalescens</u>) Opalescent Pearlfish Brazil (Rio de Janeiro) (ex?)	II	E	-	16,37, 44,47, 55,71, 78	
<u>Cynolebias splendens</u> (= <u>C. sandrii</u> , <u>Cynopoecilus</u> <u>splendens</u>) Splendid Pearlfish Brazil (Rio de Janeiro)	II	E	-	16,37, 44,47, 71,78	
Order PERCIFORMES Family Sciaenidae <u>Cynoscion macdonaldi</u> (= <u>Totoaba macdonaldi</u>) Totoaba Mexico (Gulf of California)	I	E	F	47,99, 101	

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	CITES	RDB	Exp	Ref	Notes
Phylum ARTHROPODA					
Class INSECTA					
Order LEPIDOPTERA					
Family Papilionidae					
<u>Bhutanitis lidderdalii</u>	II	-	Pr	19,49, 81,114, 173	
Bhutan Glory Bhutan, Burma, China (Sichuan and Yunnan), India [211,353] Thailand					
<u>Bhutanitis ludlowi</u>	II	k	-	2,81,124	
Ludlow's Bhutan Swallowtail Bhutan (Trashiyangsi Valley)					
<u>Bhutanitis mansfieldi</u>	II	R	-	2,81, 245,303	
Mansfield's three-tailed Swallowtail China (Sichuan and Yunnan)					
<u>Bhutanitis thaidina</u>	II	R	Pr	2,49,81	
Chinese Three-tailed Swallowtail China [261]					
<u>Ornithoptera aesacus</u> (= <u>O. obiana</u> , <u>O. obiensis</u> , <u>O. arruana obiana</u>) Indonesia (Obi)	II	Id	Pr	22,81, 157	
<u>Ornithoptera akakeae</u> (believed to be a natural hybrid between <u>O. priamus</u> <u>poseidon</u> and <u>O. rothschildi</u>) Indonesia (Arkak Mountains, Irian Jaya)	II	-	Pr	81,90, 157,192	
<u>Ornithoptera alexandrae</u> (= <u>Aetheoptera alexandrae</u>) Queen Alexandra's Birdwing PNG (Popondetta, Northern Province)	I	E	Pr	22,81, 89,157, 233,255	
<u>Ornithoptera allottei</u> (= <u>Aetheoptera allottei</u>) (believed to be a hybrid between <u>O. priamus urvillianus</u> and <u>O. victoriae</u>) Abbe Allotte's Birdwing Solomon Is (Malaita) [279], PNG (Bougainville)	II	-	Pr	81,90	
<u>Ornithoptera caelestis</u> (= <u>O. priamus caelestis</u>) PNG (Louisiade Arch.)	II	-	Pr, LA	22,81, 90,151, 157,173	
<u>Ornithoptera chimaera</u> (= <u>Schoenbergia chimaera</u>) (subspecies: <u>charybdis</u> , <u>chimaera</u> , <u>flavidior</u>) Chimaera Birdwing Indonesia (Irian Jaya), PNG	II	Id	Pr	22,81, 157,233, 254,255	

	CITES	RDB	Exp	Ref	Notes
<u>Ornithoptera croesus</u> (= <u>Priamuspterus croesus</u> , <u>Priamoptera croesus</u>) (subspecies: <u>croesus</u> , <u>lydius</u>) Indonesia (Moluccas)	II	V	Pr	22,81, 90,157, 357	
<u>Ornithoptera euphorion</u> (= <u>O. priamus euphorion</u>) Cairns Birdwing Australia (Queensland)	II	-	Pr	22,81, 90,151, 157	
<u>Ornithoptera gebeensis</u> Indonesia (Gebe I.)	II	-	-	253	
<u>Ornithoptera goliath</u> (= <u>Schoenbergia goliath</u>) (subspecies: <u>atlas</u> , <u>goliath</u> , <u>procus</u> , <u>sampson</u> , <u>supremus</u>) Goliath Birdwing Indonesia (Irian Jaya, Moluccas) PNG	II	-	Pr	22,81, 90,157, 233,254	
<u>Ornithoptera meridionalis</u> (= <u>Schoenbergia meridionalis</u>) (subspecies: <u>meridionalis</u> , <u>tarunggarensis</u>) Indonesia (Irian Jaya), PNG	II	V	Pr	22,81, 97,150, 157,233, 254,258	
<u>Ornithoptera paradisea</u> (= <u>O. (Schoenbergia) schoenbergi</u>) (subspecies: <u>arfakensis</u> , <u>borchi</u> , <u>chrysanthemum</u> , <u>flavescens</u> , <u>paradisea</u>) Paradise Birdwing, Tailed Birdwing, Butterfly of Paradise Indonesia (Irian Jaya), PNG	II	Id	Pr	22,81, 90,157, 233,254, 255	
<u>Ornithoptera priamus</u> (See Table 1) Priam's Birdwing, Common Birdwing, Common Green Birdwing, New Guinea Birdwing Australia (Queensland), Indonesia, PNG, Solomon Is [279,280]	II	-	Pr, (LA)	22,80,81, 151,157, 173,278	
<u>Ornithoptera richmondia</u> (= <u>O. priamus richmondia</u>) Richmond Birdwing Australia (N.S.W., Queensland)	II	-	Pr	22,81, 83,151, 157	
<u>Ornithoptera rothschildi</u> (= <u>Schoenbergia rothschildi</u>) Rothschild's Birdwing Indonesia (Arfak Mountains, Irian Jaya)	II	Id	Pr	22,81, 157,192, 254,257	

Table 1: The systematics of the Ornithoptera priamus subspecies (N.M. Collins, unpublished data).

	Authors			Distribution	IUCN Threat Category
	Haugum & Low (1978)	D'Abrera (1975)	Hancock (1983)		
1. <u>admiralitatis</u>	*	*	*	Papua New Guinea (Admiralty Is.)	nt
2. <u>arruana</u>	*	*	*	Indonesia (Aru, off Halmahera)	R?
3. <u>boisduvali</u>	*	*	*	Papua New Guinea (Woodlark Is.)	R
4. <u>bornemanni</u>	*	*	*	Papua New Guinea (New Britain)	nt
5. <u>caelestis</u>	*	+	*	Papua New Guinea (Louisiades)	nt
6. <u>euphorion</u>	*	*	+	Australia (N. Queensland)	I
7. <u>gebeensis</u>	0	0	0	Indonesia (Gebe Island)	K
8. <u>hecuba</u>	*	*	*	Indonesia (Kai, Walim, Laut)	R?
9. <u>miokensis</u>	*	*	*	Papua New Guinea (Duke of York Is.)	E
10. <u>poseidon</u>	*	*	*	Papua New Guinea and Irian Jaya (Waigeo mainland and adjacent islands), Australia (Cape York)	nt
11. <u>priamus</u>	*	*	*	Indonesia (Ceram, Ambon)	nt
12. <u>richmondia</u>	*	+	+	Australia (Queensland, New South Wales)	I
13. <u>urvillianus</u>	*	+	*	Papua New Guinea (New Hanover, New Ireland), Solomon Is.	nt

* = recognized by author(s) as a subspecies of O. priamus

+ = recognized by author as a full species

0 = unknown to these authors; described by Parrott (1985)

Various forms of O. p. poseidon are occasionally cited or sold as separate subspecies. These include:

archideus from Indonesia (Waigeo)

cronius from SW coast of Irian Jaya, Indonesia

demophanes from PNG (Fergusson, Trobriands)

pronomus or macalpinei from The Iron Range, Cape York, Australia

teucrus from Indonesia (Biak and Schouten)

	CITES	RDB	Exp	Ref	Notes
<u>Ornithoptera tithonus</u> (= <u>Schoenbergia tithonus</u>) (subspecies: <u>misoolana</u> , <u>misresiana</u> , <u>tithonus</u> , <u>waigeuensis</u>) Indonesia (Irian Jaya)	II	-	Pr	22,81, 106,157 254	
<u>Ornithoptera urvillianus</u> (= <u>O. priamus urvillianus</u> , <u>O. p. burkei</u>) D'Urville's Birdwing PNG (Bismarcks, Bougainville), Solomon Is [210,280]	II	-	Pr	22,57, 81,151, 157	
(N.B. This taxon is generally considered to be a subspecies of <u>O. priamus</u>).					
<u>Ornithoptera victoriae</u> (= <u>Aetheoptera victoriae</u>) (subspecies: <u>epiphanes</u> , <u>isabellae</u> , <u>reginae</u> , <u>regis</u> , <u>rubianus</u> , <u>victoriae</u>) Queen Victoria's Birdwing PNG (Bougainville), Solomon\Is [210,279,280]	II	-	Pr	22,57, 81,90, 157,233,	
<u>Papilio chikae</u> Luzon Peacock Swallowtail Philippines (Luzon)	II	E	Pr	81,92, 152,172, 190,357,	
<u>Papilio homerus</u> Homerus Swallowtail Jamaica	II	E	Pr	46,81, 91,285, 358,395	
<u>Papilio hospiton</u> Corsican Swallowtail France (Corsica) [43], Italy (Sardinia) [304]	II	E	Pr	81,82, 119,160, 166	
<u>Parnassius apollo</u> Apollo Albania, Andorra, Austria [129], Bulgaria, China (Xinjiang Uygur), Czechoslovakia [59], Federal Republic of Germany [10,32, 197], Finland [228,351], France [28], German Democratic Republic (ex), Greece, Hungary, Italy [39], Iraq, Iran, Lichtenstein [31], Mongolia, Netherelands?, Norlway, Poland [93,94,95,250,251], Romania [281], Spain [130], Sweden [181], Switzerland [55,56], Syria, Turkey USSR [20], Yugoslavia	II	R	Pr, (T)	81,102, 122,123, 160,161	

	CITES	RDB	Exp	Ref	Notes
<u>Teinopalpus aureus</u> Golden Kaiser-I-Hind China (Guangdong) [225], Vietnam?	II	k	-	81,92, 151	
<u>Teinopalpus imperialis</u> (subspecies: <u>imperatrix</u> , <u>imperialis</u>) Kaiser-I-Hind, Kaiserihind Bhutan, Burma, China (Hubei and Sichuan) [225], India [353], Nepal [329,330]	II	R	Pr	81,92, 114,173, 244	
<u>Trogonoptera brookiana</u> (= <u>Ornithoptera brookiana</u> , <u>Troides brookiana</u>) (subspecies: <u>albescens</u> , <u>brookiana</u> , <u>natunensis</u> , <u>trogon</u>) Rajah Brooke's Birdwing Brunei, Indonesia, Malaysia	II	-	Pr, (LA), T	22,80, 81,90, 92,207, 357	
<u>Trogonoptera trojana</u> (= <u>Troides trojana</u>) Philippines (Palawan, Balabac)	II	-	Pr	22,81, 90,92, 357	
<u>Troides aeacus</u> (subspecies: <u>aeacus</u> , <u>kaguya</u> , <u>thomsoni</u>) Golden Birdwing, Small Birdwing Bangladesh?, Bhutan, Burma, China (Sichuan) [261], India [114], Indonesia (Sumatra), Kampuchea, Laos?, Malaysia (Pen. Malaysia) [84], Nepal [329,330], Thailand [200], Vietnam [331]	II	-	Pr, LA	22,80, 81,90, 92,158, 160	
<u>Troides aeacus kaguya</u> Taiwan [326]	II	E			
<u>Troides amphrysus</u> (subspecies: <u>amphrysus</u> , <u>flavicollis</u> , <u>niasicus</u> , <u>ruficollis</u> , <u>vistara</u>) Golden Birdwing, Malay Birdwing Brunei, Burma (Mergui Arch.), Indonesia, Malaysia [84,291], Singapore, Thailand [200]	II	-	Pr	22,81, 90,92, 160,357	
<u>Troides andromache</u> (subspecies: <u>andromache</u> , <u>marapokensis</u> , the latter now regarded as a female form of <u>andromache</u>) Malaysia (Sabah, Sarawak) [291], Indonesia? (Kalimantan)	II	Id	Pr	22,81, 90,92, 357	

	CITES	RDB	Exp	Ref	Notes
<u>Troides criton</u> (subspecies: <u>celebensis</u> , <u>criton</u> ; the former now considered to be unrelated to <u>T. criton</u>) Indonesia (Moluccas)	II	-	Pr	22,81, 89,90	
<u>Troides cuneifer</u> (subspecies: <u>cuneifer</u> , <u>peninsulae</u> , <u>sumatranus</u>) Golden Birdwing Indonesia (Java, Sumatra), Malaysia (Pen. Malaysia), Thailand	II	-	Pr	22,81, 92,357	
<u>Troides darsius</u> (= <u>T. helena darsius</u>) Sri Lanka	II	-	Pr	22,81, 90,92, 114,400	
<u>Troides dohertyi</u> (= <u>T. rhadamantus dohertyi</u> , <u>T. vordermanni</u>) Talaud Black Birdwing Indonesia (Talaud Is)	II	Id	Pr	22,81, 151,157, 326,357	
<u>Troides haliphron</u> (subspecies: <u>ariadne</u> , <u>ikarus</u> , <u>iris</u> , <u>haliphron</u> , <u>naias</u> , <u>pallens</u> , <u>pistor</u> , <u>socrates</u> , <u>staudingeri</u>) Indonesia (Sulawesi and southern islands)	II	-	Pr	22,81, 90,92, 173,357	
<u>Troides helena</u> (subspecies: <u>antileuca</u> , <u>cerberus</u> , <u>ferrari</u> , <u>helena</u> , <u>heliconoides</u> , <u>hephaestus</u> , <u>isara</u> , <u>maurus</u> , <u>mopa</u> , <u>moschylus</u> , <u>neoris</u> , <u>neraeides</u> , <u>neraeis</u> , <u>propinquus</u> , <u>sagittatus</u> , <u>spilotia</u> , <u>typhaon</u>) Common Birdwing, Black and Gold Birdwing Bangladesh, Bhutan?, Brunei, Burma, China (Hainan), Hong Kong [188], India [16], Indonesia, Kampuchea?, Laos, Malaysia [84], Nepal [329,330], Singapore, Thailand [200], Vietnam	II	-	Pr, LA	22,80, 81,90, 92,114, 158,171, 357	
<u>Troides hypolitus</u> (= <u>Ripponia hypolitus</u>) (subspecies: <u>antiope</u> , <u>cellularis</u> , <u>hypolitus</u> , <u>sulaensis</u>) Indonesia (Sulawesi, Moluccas)	II	-	Pr	81,89, 92,333, 357	
<u>Troides magellanus</u> (= <u>T. sonani</u>) (subspecies: <u>apoensis</u> , <u>magellanus</u> , <u>sonani</u>) Philippines, Taiwan (Lan Y I.) [326]	II	-	Pr, LA	22,80, 81,90, 92,189, 357	

	CITES	RDB	Exp	Ref	Notes
<u>Troides minos</u> , (= <u>T. helena minos</u> , <u>T. nomis</u> , <u>T. pompeus</u>) India	II	-	Pr	22,81, 90,92	
<u>Troides miranda</u> (subspecies: <u>miranda</u> , <u>neomiranda</u>) Brunei, Indonesia (Kalimantan, Sumatra), Malaysia (Sabah, Sarawak) [291]	II	-	Pr	22,81, 90,92, 171,357	
<u>Troides oblongomaculatus</u> (= <u>T. helena oblongomaculatus</u>) (subspecies: <u>bandensis</u> , <u>bouruensis</u> , <u>hanno</u> , <u>oblongomaculatus</u> , <u>papuensis</u> , <u>thestius</u>) Indonesia, PNG [278]	II	-	Pr, (LA)	22,27, 80,81, 89,90, 92,357	
<u>Troides plateni</u> (= <u>T. rhadamantus plateni</u>) Philippines (Palawan)	II	-	Pr	22,81,90, 92,151, 157,357	
<u>Troides plato</u> (= <u>T. haliphron plato</u>) Indonesia (Timor)	II	-	-	22,81, 89,90, 157,357	
<u>Troides prattorum</u> Indonesia (Buru)	II	Id	Pr	22,81, 89,90	
<u>Troides rhadamantus</u> (= <u>T. bazilanicus</u> , <u>T. belzanor</u>) Philippines	II	-	Pr, LA	22,80, 81,90, 92,357	
<u>Troides riedeli</u> Indonesia (Tanimbar Is)	II	-	Pr	22,81, 89,90, 357	
<u>Troides staudingeri</u> (= <u>T. haliphron staudingeri</u>) Indonesia (Lesser Sunda Is)	II	-	-	81,90, 151,157	
<u>Troides vandepolli</u> (subspecies: <u>honrathiana</u> , <u>vandepolli</u>) Indonesia (Java, Sumatra)	II	-	Pr	22,81, 90,92, 357	
Class ARACHNIDA ORDER ARANEAE Family Theraphosidae <u>Brachypelma smithi</u> Mexican Red-kneed Tarantula Mexico	II	K	LA	395	

	CITES	RDB	Exp	Ref	Notes
Phylum ANNELIDA					
Class HIRUDINEA					
Order ARHYNCHOBDELLAE					
(=ARHYNCHOBDELLIDA)					
Family Hirudinidae					
<u>Hirudo medicinalis</u>					
	II	Id	LA, Der	15,82,111, 201,313, 314,315, 316,317, 393,395, 396,397	
Medicinal Leech					
Albania, Austria, Belgium					
[212], Bulgaria [300,301],					
Czechoslovakia [196], Denmark					
[18,26,183], Finland,					
France [104], German Democratic					
Republic, [163], Greece [347],					
Hungary [191,204], Iceland					
(ex?) [203], Ireland (ex)					
[217], Italy [230,231],					
Luxembourg [168,169,170],					
Netherlands [109], Norway					
[240,359], Poland [182],					
Portugal, Romania [86], Spain					
[184], Sweden [120],					
Switzerland, Turkey, UK					
[110,112,320], USSR					
[208,209,327,404], Yugoslavia					
[334]					
Phylum MOLLUSCA					
Class BIVALVIA					
Order VENEROIDA					
Family Tridacnidae					
<u>Hippopus hippopus</u>					
(=Hippopus maculatus)					
	II	Id	F, S, BM?	41,42, 236,237, 260,262, 295	
Bear Paw Clam, Horse's Hoof Clam					
Strawberry Clam					
American Samoa (ex?), Australia					
(Queensland, Western), Burma,					
Federated States of Micronesia					
(USA), Fiji (ex?), Guam (ex?),					
India (Andaman and Nicobar Is)					
[283], Indonesia (Borneo,					
Sulawesi), Japan (Bonin Is,					
Ryukyu Is) (ex?), Kiribati					
(Gilbert Is) [236], Malaysia,					
Marshall Is (USA), New					
Caledonia [167], Northern					
Marianas (ex?), Palau (USA)					
[48,164], Philippines [7], PNG,					
Singapore, Solomon Is,					
Taiwan (ex?), Thailand?, Tonga					
(ex?) [218], Tuvalu, Vanuatu,					
Western Samoa (ex?)					
	II	Id	F, S	14,236, 262	
<u>Hippopus porcelanus</u>					
China Clam					
Indonesia, Palau, Philippines					
(Sulu Arch., Masbate I) [7,296]					

	CITES	RDB	Exp	Ref	Notes
<u>Tridacna crocea</u>	II	K	F, S	41,47, 167,235, 237,262, 295,372, 395	
Crocus, Saffron-coloured Clam, Boring Clam Australia [121,149,260], Borneo, Caroline Is (USA), Guam (USA) (ex?), Indonesia, Japan (Ryukyu Is), Malaysia, Northern Mariana Is (USA) (ex?), Palau (USA) [153], PNG [386], Philippines [7], Singapore, Solomon Is, Thailand, Tuvalu?, Vanuatu?, Vietnam					
<u>Tridacna derasa</u>	II	V	F, T?, S	1,14,41, 42,47, 134,165, 205,234, 235,237, 262,295, 372,394, 395,401	
Southern Giant Clam [American Samoa], Australia (Queensland) [121,260], Cocos-Keeling Is? (Australia), [Cook Is], [Federated States of Micronesia (USA)], Fiji, Tuamotu Arch. - French Polynesia (France)?, Guam (USA) (ex?), Indonesia (Irian Jaya) [307], [Marshall Is (USA)], New Caledonia (France), Northern Mariana Is (USA) (ex?), Palau (USA) [48,153,164], PNG [386], Philippines [7], Solomon Is, Tonga (Tongatapu) [218], Tuvalu?, Vanuatu?					
<u>Tridacna gigas</u>	II	V	F, (T), S	41,42, 47,85, 167,234, 235,237, 262,371, 372,395	
Giant Clam Australia (Queensland, Western) [260], Burma, Fiji (ex?), [Guam] (USA) (ex?), [Hawaii (USA)], Indonesia (Java, Sulawesi) [307], Japan (Ryukyu Is) (ex?), Kiribati (Gilbert Is) [236], Lamotrek Atoll and West Fagu - Federated States of Micronesia (USA), Malaysia, Marshall Is (USA), New Caledonia (France) (ex?), Northern Mariana Is (USA) (ex?), Palau (USA) [48,153,164], PNG [386], Philippines [7], Solomon Is, Taiwan (ex?), Thailand, Tuvalu?, [USA], Vanuatu (ex?)					

	CITES	RDB	Exp	Ref	Notes
<u>Tridacna maxima</u>	II	K	F,	41,47,	
Small Giant Clam			S,	236,237,	
American Samoa (USA),			T	295,372,	
Australia [121,220,260],				395	
Borneo, Burma, Chagos Arch.					
(UK), China, Cook Is., Egypt,					
Federated States of Micronesia					
(USA), Fiji, French Polynesia					
(France) [311], Guam (USA),					
Henderson I. - Pitcairn Is					
(UK), India (Andaman, Nicobar					
and Laccadives Is) [283],					
Indonesia, Japan, Kenya,					
Kiribati (Gilbert, Phoenix and					
Line Is) [236], Lord Howe I.					
(Australia), Madagascar,					
Malaysia, Maldives,					
Marshall Is (USA) [185],					
Mauritius, Mozambique, New					
Caledonia (France), Northern					
Mariana Is (USA), Palau (USA)					
[48,153], PNG [386],					
Philippines [7], Saudi Arabia					
[33], Seychelles, Singapore,					
Solomon Is, South Africa, Sri					
Lanka, Taiwan, Thailand,					
Tokelau (New Zealand), Tonga					
[218], Tuvalu, Vanuatu,					
Vietnam, Wake Is (USA),					
Western Samoa					
<u>Tridacna squamosa</u>	II	Id	F,	41,47,	
Scaly Clam, Fluted Clam,			S,	167,234	
Boring Clam, Frilly Clam,			T,	235,237	
American Samoa (USA),				307,372,	
Australia [121,260], Borneo,				395	
Burma, Chagos Arch. (UK),					
Egypt, Federated States of					
Micronesia (USA), Fiji,					
Tuamotu Arch. - French					
Polynesia (France), [Guam]					
(USA) (ex?), [Hawaii (USA)],					
India (Andaman, Nicobar and					
Laccadives Is) [283],					
Indonesia, Japan (ex?), Kenya,					
Kiribati (Gilbert Is) [236],					
Madagascar, Malaysia,					
Maldives, Marshall Is (USA),					
Mauritius, Mozambique, New					
Caledonia (France), Northern					
Mariana Is (USA) (ex?), Palau					
(USA) [153,164], PNG [386],					
Philippines [7], Saudi Arabia					
[33], Seychelles, Singapore,					
Solomon Is, South Africa, Sri					
Lanka, Thailand, Tokelau (New					
Zealand), Tonga [218], Tuvalu,					
[USA], Vanuatu, Vietnam,					
Western Samoa					

	CITES	RDB	Exp	Ref	Notes
Order UNIONOIDA					
Family Unionidae					
<u>Conradilla caelata</u> (= <u>Lemiox rimosa</u>)	I	E	F	8,13, 23,199,	
Birdwing Pearly Mussel USA				238,288 336,341,	
<u>Cyprogenia aberti</u> Edible Pearly Mussel, Western Fan Shell Pearly Mussel USA	II	E	-	54,187, 338,339	
<u>Dromus dromas</u> (= <u>D. d. caperatus</u>) Dromedary Pearly Mussel USA	I	E	-	8,13,23, 175,187, 199,238, 288,336, 341,342	
<u>Epioblasma curtisi</u> (= <u>Dysnomia curtisi</u> , <u>Plagiola curtisi</u>) Curtis Pearly Mussel Curtis' Riffle Shell USA (Missouri)	I	I	F, S	8,50,51, 75,186, 199,221, 242,288, 339,342, 368,395	
<u>Epioblasma florentina</u> (= <u>Dysnomia florentina</u> , <u>Plagiola florentina</u>) Yellow-blossom Pearly Mussel Yellow Riffle Shell USA	I	E	F, S	8,75, 105,186, 187,199, 288,336, 338,342, 395	
<u>Epioblasma sampsoni</u> (= <u>Dysnomia sampsoni</u> , <u>Plagiola sampsoni</u>) Sampson's Pearly Mussel Sampson's Riffle Shell USA (ex?)	I	E	F, S	8,75, 186,199, 288,338, 339,343, 368,370, 395	
<u>Epioblasma sulcata perobliqua</u> (= <u>Dysnomia sulcata perobliqua</u> , <u>Epioblasma sulcata delicata</u> , <u>Plagiola sulcata perobliqua</u>) White Catspaw Mussel USA	I	E	F, S	8,9,75, 176,186, 199,288, 339,368, 374,395	
<u>Epioblasma torulosa gubernaculum</u> (= <u>Dysnomia torulosa gubernaculum</u> , <u>Plagiola torulosa gubernaculum</u> , <u>Truncilla torulosa gubernaculum</u>) Green-blossom Pearly Mussel Green Riffle Shell USA (Tennessee, Virginia)	I	E	F, S	8,13,35, 75,105, 186,199, 238,288, 339,341, 354,368, 395	
<u>Epioblasma torulosa rangiana</u> (= <u>Dysnomia torulosa rangiana</u> , <u>Plagiola torulosa rangiana</u>) Tan-blossom Pearly Mussel Canada [73,74], USA [9,339]	II	E	F, S	75,186, 199,288, 335,338, 342,343, 350,395	

	CITES	RDB	Exp	Ref	Notes
<u>Epioblasma torulosa torulosa</u> (= <u>Dysnomia torulosa torulosa</u> , <u>Plagiola torulosa torulosa</u>) Tubercled-blossom Pearly Mussel Northern Riffle Shell Turberculed Riffle Shell Canada [74], USA	I	E	F, S	8,54,75, 186,187, 199,288, 338,339, 340,342, 346,368, 395	
<u>Epioblasma turgidula</u> (= <u>Dysnomia turgidula</u> , <u>Plagiola turgidula</u>) Turgid-blossom Pearly Mussel Turgid Riffle Shell USA (ex?)	I	E	F, S	8,34,35, 75,174, 186,187 199,242, 288,336, 338,341, 342,368, 395	
<u>Epioblasma walkeri</u> (= <u>Dysnomia walkeri</u> , <u>Plagiola walkeri</u> , <u>Truncilla walkeri</u>) Tan Riffle Shell Mussel, Brown-blossom Pearly Mussel USA	I	E	F, S	11,13,75, 105,186, 199,238, 288,341, 345,346, 354,369	
<u>Fusconaia cuneolus</u> Fine-rayed Pigtoe Pearly Mussel USA	I	E	F	8,13, 175,187, 199,238, 288,336, 341,342, 354	
<u>Fusconaia edgariana</u> (= <u>F. cor</u> , <u>F. c. analoga</u>) Shiny Pigtoe Pearly Mussel USA	I	E	F	8,13,23, 175,187 199,238, 288,336, 341	
<u>Fusconaia subrotunda</u> Long Solid Mussel USA	II	-	F	175,199, 238,288, 336,340, 341	
<u>Lampsilis brevicula</u> (= <u>Villosa reeviana</u>) Ozark Lamp Pearly Mussel USA	II	-	F	187,199, 288	
<u>Lampsilis higginsii</u> Higgins' Eye Pearly Mussel USA (Iowa, Minnesota)	I	E	F, S, P	8,159, 174,187, 199,288, 367	
<u>Lampsilis orbiculata orbiculata</u> (= <u>Lampsilis abrupta</u>) Pink Mucket Pearly Mussel USA	I	E	F	8,187, 199,263, 288,340, 342	
<u>Lampsilis satura</u> Plain Pocketbook Pearly Mussel USA	I	-	F	199,288	

	CITES	RDB	Exp	Ref	Notes
<u>Lampsilis virescens</u> Alabama Lamp Pearly Mussel USA	I	E	F	8,187, 199,288 336,342	
<u>Lexingtonia dolabelloides</u> (= <u>L. d. conradi</u>) Slab-sided Pearly Mussel USA	II	Id	F	175,187, 199,238, 288,336, 341,342	
<u>Plethobasus cicatricosus</u> White Warty-back Pearly Mussel USA	I	E	F	8,199, 288,336, 340,342	
<u>Plethobasus cooperianus</u> Orange-footed Pimpleback Mussel Cumberland Pigtoe Pearly Mussel USA	I	E	F	8,199, 288,336, 340,342	
<u>Pleurobema clava</u> Club Pearly Mussel, Northern Club Shell USA	I	Id	F	187,199, 288,336, 340,342, 374	
<u>Pleurobema plenum</u> Rough Pigtoe Pearly Mussel USA	I	E	F	8,13, 199,238, 288,340, 341,342	
<u>Potamilus capax</u> Fat Pocketbook Pearly Mussel USA	I	E	-	8,159, 199,288	
<u>Quadrula intermedia</u> Cumberland Monkey-face Pearly Mussel USA	I	E	-	8,13, 187,199, 238,288, 336,342, 354	
<u>Quadrula sparsa</u> Appalachian Monkey-face Pearly Mussel USA	I	E	F	8,13, 199,238, 288,344	
<u>Toxolasma cylindrella</u> Pale Lilliput Pearly Mussel USA	I	E	F	8,199, 288	
<u>Unio nickliniana</u> (= <u>Megalonaias nickliniana</u>) Nicklin's Pearly Mussel USA	I	E	F	8,187, 199,288	
<u>Unio tampicoensis tecomatensis</u> (= <u>Cyrtonaias tampicoensis</u> <u>tecomatensis</u>) Tampico Pearly Mussel USA	I	-	F	8,187, 199,288	

	CITES	RDB	Exp	Ref	Notes
<u>Villosa trabalis</u> (= <u>Eurymia trabalis</u> , <u>Micromya trabalis</u>) Cumberland Bean Pearly Mussel USA	I	E	F	8,187, 199,238, 288,336, 337,341	
Class GASTROPODA					
Order STYLOMMATOPHORA					
Family Achatinellidae					
<u>Achatinella abbreviata</u> Little Agate Shell, Oahu Tree Snail Oahu - Hawaii (USA) (ex?)	I	E	S	62,125, 145,155, 156,272, 366,395	
<u>Achatinella apexfulva</u> Little Agate Shell, Oahu Tree Snail Oahu - Hawaii (USA)	I	E	S	62,125, 145,155, 156,272, 366,389, 395	
<u>Achatinella bellula</u> Little Agate Shell, Oahu Tree Snail Oahu - Hawaii (USA)	I	E	S	62,125, 145,155, 156,272, 366,395	
<u>Achatinella buddii</u> Little Agate Shell, Oahu Tree Snail Oahu - Hawaii (USA) (ex?)	I	E	S	62,125, 145,155, 156,272, 366,395	
<u>Achatinella bulimoides</u> Little Agate Shell, Oahu Tree Snail Oahu - Hawaii (USA)	I	E	S	62,125, 145,155, 156,272, 366,395	
<u>Achatinella byronii</u> Little Agate Shell, Oahu Tree Snail Oahu - Hawaii (USA)	I	E	S	62,125, 145,155, 156,272, 366,395	
<u>Achatinella caesia</u> Little Agate Shell, Oahu Tree Snail Oahu - Hawaii (USA) (ex?)	I	E	S	62,125, 145,155, 156,272, 366,395	
<u>Achatinella casta</u> Little Agate Shell, Oahu Tree Snail Oahu - Hawaii (USA) (ex?)	I	E	S	62,125, 145,155, 156,272, 366,395	
<u>Achatinella cestus</u> Little Agate Shell, Oahu Tree Snail Oahu - Hawaii (USA) (ex?)	I	E	S	62,125, 145,155, 156,272, 366,388, 395	
<u>Achatinella concavospira</u> Little Agate Shell, Oahu Tree Snail Oahu - Hawaii (USA)	I	E	S	62,125, 145,146, 155,156, 272,366, 395	

	CITES	RDB	Exp	Ref	Notes
<u>Achatinella curta</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				156,272,	
Oahu - Hawaii (USA)				366,395,	
<u>Achatinella decipiens</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				156,272,	
Oahu - Hawaii (USA)				366,395,	
<u>Achatinella decora</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				156,272,	
Oahu - Hawaii (USA) (ex?)				366,395	
<u>Achatinella dimorpha</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				156,272,	
Oahu - Hawaii (USA) (ex?)				366,395	
<u>Achatinella elegans</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				156,272,	
Oahu - Hawaii (USA) (ex?)				366,395,	
<u>Achatinella fulgens</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				156,272,	
Oahu - Hawaii (USA)				366,395,	
<u>Achatinella fuscobasis</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				156,272,	
Oahu - Hawaii (USA)				366,395,	
<u>Achatinella juddii</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				156,272,	
Oahu - Hawaii (USA) (ex?)				366,395,	
<u>Achatinella juncea</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				156,272,	
Oahu - Hawaii (USA) (ex?)				366,395,	
<u>Achatinella lehuiensis</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				156,272,	
Oahu - Hawaii (USA) (ex?)				366,395,	
<u>Achatinella leucorraphe</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				272,366	
Oahu - Hawaii (USA)				395	
<u>Achatinella lila</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				156,272,	
Oahu - Hawaii (USA)				321,366,	
				395	

	CITES	RDB	Exp	Ref	Notes
<u>Achatinella livida</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				156,272,	
Oahu - Hawaii (USA) (ex?)				366,395,	
<u>Achatinella lorata</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				272,366,	
Oahu - Hawaii (USA)				395	
<u>Achatinella mustelina</u>	I	E	S	62,125,	
Little Agate Shell,				144,145,	
Oahu Tree Snail				146,155,	
Oahu - Hawaii (USA)				156,272,	
				366,388,	
				395	
<u>Achatinella papyracea</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				156,272,	
Oahu - Hawaii (USA) (ex?)				366,395	
<u>Achatinella phaeozona</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				156,272,	
Oahu - Hawaii (USA) (ex?)				366,395	
<u>Achatinella pulcherrima</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				156,272,	
Oahu - Hawaii (USA)				366,395,	
<u>Achatinella pupukanioe</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				156,272,	
Oahu - Hawaii (USA)				366,395,	
<u>Achatinella rosea</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				156,272,	
Oahu - Hawaii (USA) (ex?)				366,395,	
<u>Achatinella sowerbyana</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				156,272,	
Oahu - Hawaii (USA)				366,395	
<u>Achatinella spaldingi</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				156,272,	
Oahu - Hawaii (USA) (ex?)				366,395	
<u>Achatinella stewartii</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				156,272,	
Oahu - Hawaii (USA) (ex?)				366,395	
<u>Achatinella swiftii</u>	I	E	S	62,125,	
Little Agate Shell,				145,155,	
Oahu Tree Snail				156,272,	
Oahu - Hawaii (USA)				366,395	

	CITES	RDB	Exp	Ref	Notes
<u>Achatinella taeniolata</u> Little Agate Shell, Oahu Tree Snail Oahu - Hawaii (USA)	I	E	S	62,125, 145,155, 156,272, 366,395	
<u>Achatinella thaanumi</u> Little Agate Shell, Oahu Tree Snail Oahu - Hawaii (USA) (ex?)	I	E	S	62,125, 145,155, 156,272, 366,395	
<u>Achatinella turgida</u> Little Agate Shell, Oahu Tree Snail Oahu - Hawaii (USA)	I	E	S	62,125, 145,155, 156,272, 366,395	
<u>Achatinella valida</u> Little Agate Shell, Oahu Tree Snail Oahu - Hawaii (USA) (ex?)	I	E	S	62,125, 145,155, 156,272, 366,395	
<u>Achatinella viridans</u> Little Agate Shell, Oahu Tree Snail Oahu - Hawaii (USA) (ex?)	I	E	S	62,125, 145,155, 156,272, 366,395	
<u>Achatinella vittata</u> Little Agate Shell, Oahu Tree Snail Oahu - Hawaii (USA) (ex?)	I	E	S	62,125, 145,155, 156,272, 366,395	
<u>Achatinella vulpina</u> Little Agate Shell, Oahu Tree Snail Oahu - Hawaii (USA) (ex?)	I	E	S	62,125, 144,145, 155,156, 272,366, 395	
Family Camaenidae					
<u>Papustyla pulcherrima</u> (= <u>Papuina pulcherrima</u>) Manus Green Tree Snail PNG (Manus, Admiralty Is)	II	R	(T), S	76,154, 273,395	
Family Paryphantidae (=Rhytididae)					
<u>Paryphanta annectens</u> (= <u>Powelliphanta annectens</u>) New Zealand (North Westland)	II	-	S	24,224, 276,332, 383	
<u>Paryphanta busbyi</u> Kauri Snail, Pupurangi New Zealand (Northland)	II	V	S	24,25, 243,276	
<u>Paryphanta fiordlandica</u> (= <u>Powelliphanta fiordlandica</u>) New Zealand (South-west Fiordland)	II	-	S	24,77, 79,224, 276,332	
<u>Paryphanta gilliesi</u> (= <u>Powelliphanta gilliesi</u>) (including <u>P. compta</u>) New Zealand (North-west Nelson)	II	V	S	24,77, 79,224, 275,276, 332	

	CITES	RDB	Exp	Ref	Notes
<u>Paryphanta hochstetteri</u> (= <u>Powelliphanta hochstetteri</u>) New Zealand (Nelson)	II	V	S	24,77, 79,224, 275,276, 332	
<u>Paryphanta lignaria</u> (= <u>Powelliphanta lignaria</u>) New Zealand (North Westland)	II	V	S	24,77, 79,224, 275,276, 332,384	
<u>Paryphanta marchanti</u> (= <u>Powelliphanta marchanti</u>) New Zealand (North I.)	II	-	S	24,79, 224,275, 276,332	
<u>Paryphanta rossiana</u> (= <u>Powelliphanta rossiana</u>) (including <u>P. fletcheri</u>) New Zealand (Westland)	II	V	S	24,77, 79,224, 275,276, 332	
<u>Paryphanta spedeni</u> (= <u>Powelliphanta spedeni</u>) New Zealand (Southland)	II	-	S	24,77, 79,224, 275,276, 332	
<u>Paryphanta superba</u> (= <u>Powelliphanta superba</u>) New Zealand (North-west Nelson)	II	-	S	24,77, 79,224, 275,276, 332	
<u>Paryphanta traversi</u> (= <u>Powelliphanta traversi</u>) New Zealand (Harrowhenua)	II	V	S	24,79, 224,275, 276,332	

N.B. The genus Powelliphanta was, until recently considered to be a subgenus of Paryphanta (78).

Phylum CNIDARIA

Class ANTHOZOA

Order ANTIPATHARIA

(about 150 species)

Black Corals

Albania, Algeria,

Anguilla, Antarctica (Greater

Antarctica), Antigua and

Barbuda, Ascension I. (UK),

Australia, Azores Arch.

(Portugal), Bahamas, Barbados,

Belize, Bermuda, Brazil,

British Virgin Is (UK), Canada

(Newfoundland), Canary Is

(Spain), Cape Verde Is, Chagos

Arch. (UK), Chile (Juan

Fernandez Is), China,

Colombia, Cuba, Cyprus,

II	CT	S	12,99
			128,136,
			139,232
			248,256
			299,362
			363,364
			395

Djibouti?, Dominica, Dominican Republic, Ecuador (Galapagos Is) [214,290], Egypt, Ethiopia, Falkland Is (UK), France, Society Is - French Polynesia (France), Greece, Greenland, Grenada, Guadeloupe (France), Guam (USA) [162], Guyana, Haiti, Hawaii (USA) [140,141], Honduras, Iceland, India [269], Indonesia, Israel, Italy [298], Jamaica, Japan, Kenya (Mombasa), Lebanon, Libya, Madagascar, Madeira (Portugal), Malaysia, Maldives, Malta?, Martinique (France), Marquesas Is - French Polynesia (France), Mauritius, Mexico [60,61,103], Midway Is (USA), Montserrat (UK), Morocco, Netherlands Antilles [241,375], New Caledonia (France), New Zealand [135], Nicaragua, North Yemen, Norway (Lofoten Is) Oman, Panama (Pacific), PNG, Philippines, Prince Edward Is (Canada), Puerto Rico, Saudi Arabia, St Helena (UK), St Kitts-Nevis, St Lucia, St Vincent, Seychelles, Socotra (South Yemen), Solomon Is, South Shetland Is (UK), Spain, Sri Lanka, Sudan [382], Sumatra, Sri Lanka, Svalbard Arch. (Norway), Syria?, Taiwan, Trinidad and Tobago [387], Tunisia, Turkey, Turks and Caicos (UK), Uruguay, USA (Aleutian Is - Alaska, Florida, South Carolina), USSR (Kuril Is, Kamchatka), Vanuatu, Venezuela, Virgin Is (USA), Yugoslavia?

Order SCLERACTINIA

Family Pocilloporidae

Pocillopora spp.

(35 described species but intraspecific variation is so great that probably less than 10 are valid [398])

Brown Stem Cluster Corals,
 Brush Corals, Rose Tree Corals, White Lace Corals
 Cauliflower Corals
 American Samoa (USA),
 Australia (Eastern) [247],
 Bahrain, Burma?, Chagos Arch. (UK), China [406], Colombia,

II - S 322,362,
 363,364,
 398

Comoros, Cook Is (New Zealand), Costa Rica, Djibouti, Easter I. (Chile) [392], Ecuador, Egypt [21,249], El Salvador, Ethiopia, Federated States of Micronesia (USA), Fiji [302], French Polynesia (France), Guam (USA), Guatemala, Hawaii (USA) [5], Hong Kong, India [318], Indonesia, Iran, Japan, Kenya, Kiribati (Phoenix Is), Kuwait, Madagascar, Malaysia [101,270], Maldives [318,319], Marshall Is (USA), Mauritius, Mayotte (France), Mexico, Mozambique, Nauru, New Caledonia (France), [118,355], Nicaragua, North Yemen, Northern Mariana Is (USA), Oman [309], PNG, Palau (USA), Panama (Pacific) [132,274], Philippines [6,219,265,297], Pitcairn I. (UK), Qatar, Reunion (France), Saudi Arabia [88,115,178], Seychelles [40,294,306,348], Singapore, Solomon Is, Somalia, South Africa [87], South Yemen, Sri Lanka, Sudan [382], Taiwan [63], Tanzania [148], Thailand [64], Tokelau (New Zealand), Tonga, Tuvalu, UAE, Vanuatu, Vietnam, Wallis and Futuna (France), Western Samoa

* = Intraspecific variation is so great that probably fewer than 10 are valid species (398).

Seriatopora spp. (approx 5 species)
 Birds Nest Corals, Needle Corals
 Bush Coral
 American Samoa (USA), Australia (Eastern), Burma, Caroline Is (USA), Chagos Arch. (UK), China, Comoros, Djibouti, Egypt, Ethiopia, Fiji, Society Is - French Polynesia (France), Guam (USA), Hong Kong, India, Indonesia [36,373], Israel, Kenya, Kiribati, Madagascar, Malaysia [215], Maldives, Marshall Is (USA), Mauritius, Mayotte (France), Mozambique, Nauru, New Caledonia (France), North Yemen, Northern Mariana Is (USA), Oman, PNG,

II - S 322,363,
 364,398

	CITES	RDB	Exp	Ref	Notes
Philippines [17,297], Reunion (France), Saudi Arabia, Seychelles, Singapore, Solomon Is, Somalia, South Yemen, Sri Lanka, Sudan, Taiwan, Tanzania, Thailand, Tonga, Tuvalu, Vanuatu, Western Samoa					
<u>Stylophora</u> spp. (10 species)	II	-	S	286,363,	
Cauliflower Corals, Hood Coral				364,398	
American Samoa (USA), Australia [378,390], Bahrain, Chagos Arch. (UK), Comoros, Cook Is, Djibouti, Egypt [21,249], Ethiopia [72], Federated States of Micronesia (USA), Fiji, Guam (USA), India, Indonesia [36,373], Iran, Israel, Jordan [126,127,227], Kenya, Kiribati, Kuwait [108], Malaysia, Maldives [318,319], Marshall Is (USA), Mauritius, Mayotte (France), Mozambique, Nauru, New Caledonia (France), North Yemen, Northern Marianas Is (USA), Oman, PNG, Philippines, Qatar, Reunion (France), Saudi Arabia [38,216], Seychelles [306,348], Singapore, Solomon Is., Somalia, South Africa, [87], South Yemen, Sri Lanka, Sudan, Taiwan, Tanzania, Tonga, Tuvalu, UAE, Vanuatu, Wallis and Futuna (France), Western Samoa					
<u>Family Acroporidae</u>					
<u>Acropora</u> spp. (at least 300 described species)	II	-	S	53,322,	
Branch Corals, Brush Corals, Catch Bowl Corals, Christmas Corals, Elkhorn Corals, Finger Corals, Lace Corals, Staghorn Corals, Tree Corals Bush Corals, Bottle-brush Corals, Table Coral, Hump Coral, Knobbly Coral				362,363,	
American Samoa (USA), Anguilla (UK), Antigua and Barbuda, Australia [247,377,385], Bahamas [96,239,349], Bahrain [323], Barbados, Belize, Bermuda, British Virgin Is (UK), Burma [116], Cayman Is (UK), Chagos Arch. (UK), China, Colombia, Comoros [117], Cook Is (New Zealand), Costa Rica, Cuba, Dominica,				364,398	

Dominican Republic, Egypt
 [21,249], Ethiopia, Fiji
 [302,312], French Guiana
 (France)?, French Polynesia
 (France), Grenada, Guadeloupe
 (France), Guam (USA)
 [162,284], Guatemala?, Guyana,
 Haiti, Hawaii (USA) [142],
 Honduras, Hong Kong (UK),
 India [266,267,268,318],
 Indonesia [36,45,147,310,361],
 Iran, Israel, Jamaica, Japan,
 Jordan [227], Kenya, Kiribati
 (Phoenix Is), Kuwait,
 Madagascar [264], Malaysia
 [101,137,399], Maldives
 [44,271,318,319], Marshall Is
 (USA), Martinique (France),
 Mauritius [277,305], Mayotte
 (France), Mexico, Montserrat
 (UK), Mozambique, Nauru,
 Netherlands Antilles, New
 Caledonia (France) [118,355],
 Nicaragua, North Yemen,
 Northern Mariana Is (USA),
 Oman [138,308,309], Palau
 (USA), Panama (Atlantic)
 [222,274], PNG [194,195],
 Philippines [6,17,219,265,
 297], Pitcairn I. (UK), Puerto
 Rico (USA) [58,133,223,381],
 Qatar [113,325], Reunion
 (France), Saudi Arabia [88,
 177,178,216], Seychelles
 [179,294], Singapore,
 Solomon Is, Somalia, South
 Africa, South Korea?, South
 Yemen, Sri Lanka [226],
 St Kitts-Nevis, St Lucia
 [287,328], St Vincent, Sudan
 [382], Djibouti, Surinam?,
 Taiwan [63,402,403], Tanzania,
 Thailand [64,193], Tonga,
 [356], Trinidad and Tobago,
 Turks and Caicos (UK) [206]
 Tuvalu, UAE, USA [324],
 Vanuatu, Venezuela [282],
 Vietnam, Virgin Is (USA)
 [4,289], Wallis and Futuna
 (France), Western Samoa

Family Agariciidae

Pavona spp. (53 described species) II
 Cactus Corals, Leaf Corals
 American Samoa (USA),
 Australia [379], Bahrain,
 Brunei, Burma, Chagos Arch.
 (UK), China, Colombia,
 Comoros, Costa Rica, Djibouti,

CITES RDB Exp Ref Notes

Scudator, Echinoplia, Federated States of
 Micronesia (USA), Fiji,
 Galapagos Is (Ecuador), Guam
 (USA) [288,382], Gasteromys
 (USA), Hong Kong
 (UK), India, Indonesia (Java,
 Sulawesi) [310], Iran, Japan,
 Kenya, Kiribati (Phoenix Is),
 Kuwait, Madagascar, Malaysia
 [101,213], Maldives [371,378],
 Mariposus Is - French
 Polynesia (France),
 Marshall Is (USA), Mauritius,
 Mayotte (France), Mexico,
 Mozambique, Nauru, New
 Caledonia (France), Nicaragua,
 North Yemen, Northern
 Mariana Is (USA), Oman, PNG,
 Palau (USA), Panama (Pacific)
 [274], Philippines [322],
 Pitcairn I. (UK), Qatar,
 Reunion (France), Saudi
 Arabia, Seychelles, Singapore,
 Solomon Is, Somalia, South
 Yemen, Sri Lanka, Sudan,
 Taiwan, Tanzania, Thailand,
 Tokelau (New Zealand), Tonga,
 Tuvalu, UAE, Vietnam,
 Wallis and Futuna (France),
 Western Samoa
 NR. Includes the subgenus foliacea and
 there is great variability within the species
 that only extend to or to species occur within
 region as a whole.
 Family Pomphiliidae
 Family spp.
 (13 or 20 species)
 Brien Corals, Feather Corals,
 Mushroom Corals, Razor Corals,
 American Samoa (USA),
 Australia [247], Brunei,
 Burma, Chagos Arch. (UK),
 China [402], Comoros,
 Djibouti, Egypt, Echinoplia,
 Federated States of Micronesia
 (USA), Fiji, French Polynesia
 (France), Guam (USA) [182],
 Hawaii (USA), Hong Kong (UK),
 India, Indonesia [28], Japan,
 Jordan, Kiribati (Phoenix Is),
 Madagascar, Malaysia [101],
 Maldives, Marshall Is (USA),
 Mauritius, Mayotte (France),
 Mozambique, New Caledonia (France),
 Nicaragua, Northern Mariana Is (USA),
 Oman, PNG, Palau (USA), Panama (Pacific)
 [274], Philippines [322],
 Pitcairn I. (UK), Qatar,
 Reunion (France), Saudi
 Arabia, Seychelles, Singapore,
 Solomon Is, Somalia, South
 Yemen, Sri Lanka, Sudan,
 Taiwan, Tanzania, Thailand,
 Tokelau (New Zealand), Tonga,
 Tuvalu, UAE, Vietnam,
 Wallis and Futuna (France),
 Western Samoa

Ecuador, Egypt, El Salvador, Ethiopia, Federated States of Micronesia (USA), Fiji, Galapagos Is (Ecuador), Guam (USA) [284,365], Guatemala, Hawaii (USA), Hong Kong (UK), India, Indonesia (Java, Sulawesi) [310], Iran, Japan, Kenya, Kiribati (Phoenix Is), Kuwait, Madagascar, Malaysia [101,215], Maldives [271,318], Marquesas Is - French Polynesia (France), Marshall Is (USA), Mauritius, Mayotte (France), Mexico, Mozambique, Nauru, New Caledonia (France), Nicaragua, North Yemen, Northern Mariana Is (USA), Oman, PNG, Palau (USA), Panama (Pacific) [274], Philippines [352], Pitcairn I. (UK), Qatar, Reunion (France), Saudi Arabia, Seychelles, Singapore, Solomon Is, Somalia, South Yemen, Sri Lanka, Sudan, Taiwan, Tanzania, Thailand, Tokelau (New Zealand), Tonga, Tuvalu, UAE, Vanuatu, Vietnam, Wallis and Futuna (France), Western Samoa

NB. Includes the subgenera Polyastra and Pseudocolumnastraea. There is great variability within the species, it is possible that only around 12 or 15 species occur within the Indo-Pacific region as a whole.

Family Fungiidae

Fungia spp.

(15 or 20 species)

Button Corals, Feather Corals, Mushroom Corals, Razor Corals
American Samoa (USA),
Australia [247], Brunei,
Burma, Chagos Arch. (UK),
China [406], Comoros,
Djibouti, Egypt, Ethiopia,
Federated States of Micronesia
(USA), Fiji, French Polynesia
(France), Guam (USA) [162],
Hawaii (USA), Hong Kong (UK),
India, Indonesia [36], Japan,
Jordan [227], Kenya, Kiribati,
Madagascar, Malaysia [101],
Maldives, Marshall Is (USA),
Mauritius, Mayotte (France),
Mozambique, New Caledonia
(France), Northern Mariana Is
(USA), PNG, Palau (USA),

II - S, 107,363,
(LA) 364,391,398

Philippines [6], Pitcairn I. (UK), Reunion (France), Saudi Arabia, Seychelles, Singapore [69], Solomon Is, Somalia, Sri Lanka, Sudan [382], Taiwan [63], Tanzania, Thailand, Tonga, Vanuatu, Vietnam, Wallis and Futuna (France), Western Samoa

Halomitra spp.
 (possibly 2 species)
 Bowl Corals, Neptune's Cap Coral
 American Samoa (USA),
 Australia [379], Brunei,
 Burma, Chagos Arch. (UK),
 China, Comoros, Federated
 States of Micronesia (USA),
 Fiji, Guam (USA), Indonesia,
 Kiribati, Madagascar,
 Malaysia, Maldives, Marshall
 Is (USA), Mayotte (France),
 Nauru, New Caledonia (France),
 Northern Mariana Is (USA),
 PNG, Philippines, Seychelles,
 Singapore, Thailand, Tonga,
 Tuvalu, Vanuatu, Vietnam,
 Western Samoa

II - S 363,398

Polyphyllia spp.
 (probably only one species,
 see footnote)
 Feather Corals, Slipper Corals,
 Joker's Boomerang Corals
 American Samoa (USA),
 Australia [379], Brunei,
 Burma, Chagos Arch. (UK),
 China, Comoros, Cook Is (New
 Zealand), Federated States of
 Micronesia (USA), Fiji,
 Society Is - French Polynesia
 (France), Guam (USA), India,
 Indonesia, Kenya, Kiribati,
 Madagascar, Malaysia,
 Maldives, Marshall Is (USA),
 Mauritius, Mayotte (France),
 Nauru, New Caledonia (France),
 Northern Mariana Is (USA),
 PNG, Philippines, Reunion
 (France), Seychelles,
 Singapore, Solomon Is,
 Somalia, Sri Lanka, Taiwan,
 Tanzania, Thailand, Tonga,
 Tuvalu, Vanuatu, Vietnam,
 Western Samoa

II - S 398

NB: There is considerable intraspecific variability in Polyphyllia and as a result it has been described as 8 species belonging to 3 genera (Polyphyllia, Cryptabacia and Lithactinia). It is now considered that all past names are synonyms of the single species P. talpina (379).

	CITES	RDB	Exp	Ref	Notes
<p>Family Faviidae</p> <p><u>Favia</u> spp. (possibly 15 species)</p> <p>Brain Corals, Knob Corals, Head Corals</p> <p>American Samoa (USA), Antigua and Barbuda, Australia [376,380], Bahamas, Bahrain, Barbados, Belize, Bermuda, Brazil, British Virgin Is (UK), Brunei, Burma, Cape Verde Is, Caroline Is (USA), Chagos Arch. (UK), China, Colombia, Comoros, Cook Is (New Zealand), Costa Rica, Cuba, Djibouti, Dominica, Dominican Republic, Egypt [249], Equatorial Guinea, Ethiopia, Fiji, French Guiana (France), French Polynesia (France), Gabon, Grenada, Guadeloupe (France), Guam (USA), Guatemala?, Guyana, Haiti, Honduras, India, Indonesia [310,360,361], Iran, Israel, Jamaica, Japan, Jordan [227], Kenya, Kiribati, Kuwait, Madagascar, Malaysia, Maldives, Marshall Is (USA), Martinique (France), Mauritius, Mayotte (France), Mexico, Montserrat (UK), Mozambique, Nauru, Netherlands Antilles, New Caledonia (France) [118,355], Nicaragua, North Yemen, Northern Mariana Is (USA), Oman, PNG, Panama (Atlantic) [274], Philippines [6,265,297], Pitcairn I. (UK), Puerto Rico (USA), Qatar, Reunion (France), Saudi Arabia [216], Seychelles, Singapore [66,67,69,70,71], Solomon Is, Somalia, South Yemen, Sri Lanka [226], St. Kitts-Nevis, St Lucia, St Vincent, South Africa, Sudan, Surinam, Taiwan [63,403], Tanzania, Thailand, Tonga, Trinidad and Tobago, Tuvalu, UAE, USA, Vanuatu, Venezuela, Vietnam, Virgin Is (USA), Western Samoa</p>	II	-	S	198,202, 362,363, 364,398	
<p><u>Platygyra</u> spp. (probably 8 species)</p> <p>Brain Corals, Lesser Valley Corals</p> <p>American Samoa (USA), Australia [380], Bahrain, Brunei, Burma, Caroline Is (USA), Chagos Arch. (UK),</p>	II	-	S	363,364, 398	

China, Comoros, Djibouti,
 Egypt [249], Ethiopia, Fiji,
 French Polynesia (France),
 Guam (USA), Hong Kong (UK),
 India, Indonesia, Iran, Japan,
 Kenya, Kiribati, Kuwait,
 Madagascar, Malaysia [101],
 Maldives, Marshall Is (USA),
 Mauritius, Mayotte (France),
 Mozambique, New Caledonia
 (France), North Yemen,
 Northern Mariana Is (USA),
 Oman [309], PNG, Philippines,
 Pitcairn I. (UK), Qatar [113],
 Saudi Arabia [216],
 Seychelles, Singapore
 [67,68,69,71], Solomon Is,
 Somalia, South Yemen, Sri
 Lanka, Sudan [382], Taiwan
 [403], Tanzania, Thailand,
 Tonga, Tuvalu, UAE, Vanuatu,
 Vietnam, Western Samoa

Family Merulinidae

Merulina spp. (6 species)
 Merulina Corals, Crispy Crust
 Corals

II - S 363,398

American Samoa (USA),
 Australia (Western) [379,390],
 Burma, Caroline Is (USA),
 Chagos Arch. (UK), Cook Is
 (New Zealand), Djibouti,
 Egypt, Ethiopia [72], Fiji,
 Guam (USA), India, Indonesia
 (Nusa Tenggara), Israel,
 Jordan [227], Kiribati,
 Malaysia, Maldives,
 Marshall Is (USA), Nauru, New
 Caledonia (France), North
 Yemen, Northern Mariana Is
 (USA), PNG, Philippines, Saudi
 Arabia, Singapore, Solomon Is,
 Somalia, Sri Lanka, Sudan,
 Thailand, Tonga, Tuvalu,
 Vanuatu, Vietnam, Western
 Samoa

NB: Veron and Pichon (1980) consider that all species are
 probably a single species: M. ampliata.

Family Mussidae

Lobophyllia spp.
 (probably 4 species)

II - S 363,364,
 398

Brain Root Corals
 Horse's Tooth Corals
 Lobed Cup Corals
 American Samoa (USA),
 Australia, Brunei, Burma,

	CITES	RDB	Exp	Ref	Notes
Chagos Arch. (UK), China, Comoros, Cook Is (New Zealand), Djibouti, Egypt, Ethiopia [72], Fiji, French Polynesia (France), Guam (USA), India, Indonesia, Israel, Japan, Jordan [227], Kampuchea, Kenya, Madagascar, Malaysia, Maldives, Marshall Is (USA), Mauritius, Mayotte (France), Mozambique, New Caledonia (France), North Yemen, Northern Mariana Is (USA), PNG, Philippines, Pitcairn I. (UK), Reunion (France), Saudi Arabia, Singapore, Solomon Is, Somalia, Sri Lanka [100], Sudan, Taiwan, Tanzania, Thailand, Tonga, Tuvalu, Vietnam, Western Samoa					

Family Pectiniidae

II - S 65,363,
364,398

Pectinia spp.

(=Tridacophyllia)

Hibiscus Corals, Lettuce Corals (12 described species)

Carnation Corals

American Samoa (USA), Australia [379], Brunei, Burma, Caroline Is (USA), Chagos Arch. (UK), China, Comoros, Cook Is? (New Zealand), Fiji, Guam (USA), India, Indonesia, Kenya, Kiribati, Madagascar, Malaysia, Maldives, Marshall Is (USA), Mayotte (France), Mozambique, New Caledonia (France), Northern Mariana Is (USA), PNG, Philippines, [265], Singapore, Solomon Is, Somalia, Sri Lanka, Taiwan [63], Tanzania, Thailand, Tonga, Tuvalu, Vanuatu, Vietnam, Western Samoa

NB: There is great variation within the genus. Chevalier (1975) and Veron and Pichon (1980) suggest that only about half this number are valid species.

Family Caryophylliidae

II - F, 363,364,
T, 398
BM,
S,

Euphyllia spp.

(2 subgenera with 2 described species each)

Brain Trumpet Corals

Joker Corals, Bean Corals

	CITES	RDB	Exp	Ref	Notes
American Samoa (USA), Australia (Western) [379,390], Brunei, Burma, Caroline Is (USA), China, Comoros, Cook Is? (New Zealand), Djibouti, Egypt, Ethiopia, Fiji, Guam (USA), India, Indonesia (Maluku, Sulawesi) [36], Kampuchea, Kenya, Kiribati, Madagascar, Malaysia, Maldives, Marshall Is (USA), Mayotte (France), Mozambique, New Caledonia (France), North Yemen, Northern Mariana Is (USA), PNG, Philippines, Saudi Arabia, Seychelles, Singapore, Solomon Is, Somalia, Sri Lanka, [100], Sudan, Taiwan, Tanzania, Thailand, Tonga, Tuvalu, Vanuatu, Vietnam, Western Samoa			LA		

Class HYDROZOA

Order ATHECATA

Family Milleporidae

Millepora spp. (probably
10 species)

Fire Corals, Wello Fire Corals
Stinging Coral

American Samoa (USA), Anguilla
(UK), Antigua and Barbuda,
Australia, Bahamas [96,349],
Barbados, Belize, Brazil,
British Virgin Is (UK),
Brunei, Burma, Cape Verde Is
[198], Cayman Is (UK), Chagos
Arch. (UK), China [405],
Colombia, Comoros, Cook Is
(New Zealand), Costa Rica,
Cuba, Djibouti, Dominica,
Dominican Republic, Ecuador,
Egypt [21,249], Ethiopia,
Fiji, French Guiana (France),
French Polynesia (France),
Grenada, Guadeloupe (France),
Guam (USA), Guatemala, Guyana,
Haiti, Honduras, India,
Indonesia, Israel, Jamaica,
Japan, Jordan [227], Kenya,
Kiribati, Madagascar, Malaysia
[101], Maldives [318],
Marshall Is (USA), Martinique
(France), Mauritius, Mayotte
(France), Mexico, Montserrat
(UK), Mozambique, Netherlands
Antilles, New Caledonia
(France), Nicaragua, North
Yemen, Northern Mariana Is
(USA), Oman, Palau (USA),

II - S 37,362,
363,364,
398

	CITES	RDB	Exp	Ref	Notes
Panama [274], PNG, Pitcairn I. (UK), Philippines [6,17,265], Puerto Rico (USA) [58,131,133,381], Reunion (France), Saudi Arabia, Seychelles [306,348], Singapore, Solomon Is, Somalia, South Korea?, South Yemen, Sri Lanka, St Kitts-Nevis, St Lucia [287], St Vincent [3], Sudan, Surinam, Taiwan [63], Tanzania, Thailand, Tonga, Trinidad and Tobago, Turks and Caicos (UK) [206], Tuvalu, USA [98,143,180,213], Vanuatu, Venezuela [246,259], Vietnam, Virgin Is (USA) [289,292,293], Western Samoa					

Class ALCYONARIA
Order COENOTHECALIA
Family Helioporidae

Heliopora spp.
(only one species Heliopora coerulea)
Blue Corals, Blue Ridge Corals
American Samoa (USA), Australia (Western) [29,30], Brunei, Burma, Chagos Arch. (UK), China, Comoros, Djibouti, Egypt, Ethiopia, Fiji, Guam (USA) [162], India, Indonesia (Maluku), Japan (Okinawa), Kampuchea, Kenya, Kiribati, Madagascar, Malaysia, Maldives, Marshall Is (USA), Mayotte (France), Mozambique, New Caledonia (France), North Yemen, Northern Mariana Is (USA), Mauritius, PNG, Philippines [6,17], Saudi Arabia, Seychelles [306,348], Singapore, Solomon Is, Somalia, South Yemen, Sudan, Taiwan [63], Tanzania, Thailand [193], Tonga, Tuvalu [52], Vanuatu, Vietnam, Western Samoa

II - S 363,364,
398

Order STOLONIFERA
Family Tubiporidae
Tubipora spp.
(Tubipora musica is probably the only valid species)
Organpipe Corals

II - S 363,364,
398

Australia, Brunei, Burma,
 Chagos Arch. (UK), China,
 Djibouti, Egypt, Ethiopia,
 Fiji, Guam [162], Hawaii (USA),
 India, Indonesia (Maluku),
 Malaysia, Maldives, New
 Caledonia (France), North
 Yemen, PNG, Palau (USA),
 Philippines, Saudi Arabia,
 Seychelles, Singapore, Solomon
 Is, Somalia, Sudan, Taiwan,
 Thailand, Vanuatu, Vietnam

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