

**CHECKLIST OF BIRDS SEEN ON THE GALAPAGOS ISLANDS CRUISE**

<b>Max no of days seen and heard</b>	<b>Location</b> Islands recorded means species were seen <u>from land, on land, or in transit to</u>	<b>Abundance scale</b>
Maximum 8 h = heard only	B = Baltra and South Plaza S = Santa Cruz H = Hood (Española) F = Floreana (and Champion Island) I = Isabela and northern Fernandina SB = Santiago and Bartolomé A = At sea	Maximum seen (on one day) 1 = 1-4 2 = 5-9 3 = 10-99 4 = 100-999 5 = 1000-9999 6 = 10000+

**The Galapagos Islands**

	Days	Location						Abundance	
Galapagos Penguin	4				F	I	SB	3	<i>Spheniscus mendiculus</i>
Waved Albatross	4	B			H		I	3	<i>Diomedea irrorata</i>
Galapagos Petrel	3						I SB	3	<i>Pterodroma phaeopygia</i>
Galapagos Shearwater <sup>1</sup>	7	B	S	H	F	I	SB	5	<i>Puffinus lherminieri</i>
White-vented (Elliot's) Storm-Petrel	8	B	S	H	F	I	SB	4	<i>Oceanites gracilis</i>
Wedge-rumped (Galapagos) Storm-Petrel	3	B					I	1	<i>Oceanodroma tethys</i>
Band-rumped (Madeiran) Storm-Petrel <sup>2</sup>	4	B					I SB	2	<i>Oceanodroma castro</i>
Red-billed Tropicbird	5	B		H	F	I	SB	3	<i>Phaethon aethereus</i>
Brown Pelican	8	B	S	H	F	I	SB	3	<i>Pelecanus occidentalis</i>
Blue-footed Booby	7	B	S	H	F	I	SB	4	<i>Sula nebouxii</i>
Nazca Booby <sup>3</sup>	6	B		H	F	I	SB	4	<i>Sula granti</i>
Flightless Cormorant	2						I	3	<i>Phalacrocorax harrisi</i>
Magnificent Frigatebird	8	B	S	H	F	I	SB	3	<i>Fregata magnificens</i>
Great Frigatebird	3	B		H		I		2	<i>Fregata magnificens</i>
Great Blue Heron	5		S		F	I		1	<i>Ardea herodias</i>
Great Egret	1						SB	1	<i>Ardea alba</i>
Striated Heron <sup>4</sup> (incl Lava Heron)	8	B	S	H	F	I	SB	3	<i>Butorides striata</i>
Cattle Egret	4	B	S		F	I		3	<i>Bubulcus ibis</i>
Yellow-crowned Night-Heron	2			H			SB	1	<i>Nyctanassa violacea</i>
Caribbean Flamingo	1						I	1	<i>Phoenicopterus ruber</i>
White-cheeked Pintail	3		S		F	I		1	<i>Anas bahamensis</i>
Galapagos Hawk	3			H			I SB	2	<i>Buteo galapagoensis</i>
Common Moorhen	2		S				I	2	<i>Gallinula chloropus</i>
American Oystercatcher <sup>5</sup>	3			H			I SB	2	<i>Haematopus palliatus</i>
Grey (Black-bellied) Plover	2				F	I		1	<i>Haematopus palliatus</i>
Semipalmated Plover	3				F	I	SB	2	<i>Charadrius semipalmatus</i>
Ruddy Turnstone	5	B			F	I	SB	3	<i>Arenaria interpres</i>
Wandering Tattler	5	B		H	F	I	SB	3	<i>Heterosceles incanus</i>
Least Sandpiper	2				F		SB	2	<i>Calidris minutilla</i>
Sanderling	1				F			1	<i>Calidris alba</i>
Whimbrel	5		S		F	I	SB	3	<i>Numenius phaeopus</i>
Black-necked Stilt	4		S		F	I		1	<i>Himantopus mexicanus</i>
Grey Phalarope <sup>6</sup>	1						I	5	<i>Phalaropus fulicarius</i>
Lava Gull	3	B	S					2	<i>Larus fuliginosus</i>
Swallow-tailed Gull	4	B		H	F	I		4	<i>Creagrus furcatus</i>
Brown (Common) Noddy	7	B	S	H	F	I	SB	3	<i>Anous stolidus</i>
Common Tern	2						I	3	<i>Sterna hirundo</i>
Pomarine Skua	1						I	1	<i>Stercorarius pomarinus</i>
Galapagos Dove	5	B	S	H	F		SB	3	<i>Zenaida galapagoensis</i>
Dark-billed Cuckoo	1						I	1	<i>Coccyzus melacoryphus</i>
Smooth-billed Ani	5		S		F	I	SB	3	<i>Crotophaga ani</i>
Barn Owl <sup>7</sup>	1		S					1	<i>Tyto alba</i>
Vermilion Flycatcher	1		S					1	<i>Pyrocephalus rubinus</i>
Large-billed Flycatcher	4		S	H	F		SB	1	<i>Myiarchus magnirostris</i>
Sand Martin	1				F			1	<i>Riparia riparia</i>
Galapagos Martin	1						I	1	<i>Progne modesta</i>

Galapagos Mockingbird	4		S			I	SB	2	<i>Nesomimus parvulus</i>
Charles Mockingbird	1					F		3	<i>Nesomimus trifasciatus</i>
Hood (Española) Mockingbird	1				H			3	<i>Nesomimus macdonaldi</i>
Yellow Warbler	8	B	S	H	F	I	SB	3	<i>Dendroica petechia</i>
Large Ground Finch	2		S				SB	1	<i>Geospiza magnirostris</i>
Medium Ground Finch	4		S		F	I		3	<i>Geospiza fortis</i>
Small Ground Finch	8	B	S	H	F	I	SB	3	<i>Geospiza fuliginosa</i>
Cactus Finch	3	B	S		F			3	<i>Geospiza scandens</i>
Large Cactus Finch	1				H			2	<i>Geospiza conirostris</i>
Vegetarian Finch	1		S					1	<i>Camarhynchus crassirostris</i>
Large Tree Finch	1				F			1	<i>Camarhynchus psittacula</i>
Medium Tree Finch	1				F			2	<i>Camarhynchus pauper</i>
Small Tree Finch	3		S		F	I		3	<i>Camarhynchus parvulus</i>
Woodpecker Finch	1		S					1	<i>Camarhynchus pallidus</i>
Green Warbler-Finch <sup>8</sup>	1		S					1	<i>Certhidea olivacea</i>
Grey Warbler-Finch <sup>8</sup>	1				H			1	<i>Certhidea fusca</i>

Bird Notes:

<sup>1</sup> Now split from Audubon's Shearwater

<sup>2</sup> Possibly two species, with varying breeding seasons (= a cryptic species)

<sup>3</sup> Now split from Masked Booby

<sup>4</sup> Lava Heron now lumped with Striated Heron

<sup>5</sup> This may be an endemic species (Galapagos Oystercatcher). For example, recognised by Livesey, 2010 (*Phylogenetics of modern shorebirds (Charadriiformes) based on phenotypic evidence: analysis and discussion*)

<sup>6</sup> Amongst thousands of birds (certainly Grey Phalaropes) were a few darker backed birds seen at some distance, most likely Red-necked Phalaropes

<sup>7</sup> Barn Owls were variably dark-breasted birds

<sup>8</sup> Note this split of the Warbler Finch into two species. Accepted by the South American Classification Committee of the AOU, based on the following;

PETREN, K., B.R. GRANT, & P.R GRANT. 1999. A phylogeny of Darwin's finches based on microsatellite DNA length variation. *Proc. Royal Soc. London B* 266: 321-329.

TONNIS, B., P. R. GRANT, B. R. GRANT, & K. PETREN. 2005. Habitat selection and ecological speciation in Galápagos warbler finches (*Certhidea olivacea* and *Certhidea fusca*). *Proceedings of the Royal Society: Biological Sciences* 272:819-826.

YANG, S.Y. & J.L. PATTON. 1981. Genetic Variability and differentiation in the Galapagos Finches. *Auk* 98: 230-242.

**CHECKLIST OF MAMMALS SEEN ON OR AROUND THE GALAPAGOS ISLANDS**

Californian Sea Lion	8	B	S	H	F	I	SB	4	<i>Zalophus californianus</i>
Galapagos Fur Seal	1						SB	3	<i>Arctocephalus galapagoensis</i>
Sei/Bryde's Whale	2					I		2	<i>Balaenoptera borealis/edeni</i>
Bottlenose Dolphin	2	B					SB	4	<i>Tursiops truncatus</i>
Common Dolphin	1					I		5	<i>Delphinus delphis</i>
Melon-headed Whale	1					I		2	<i>Peponocephala electra</i>
Brown Rat	1				F			1	<i>Rattus norvegicus</i>

A possible Minke Whale *Balaenoptera acutorostrata* was seen, plus a shark sp., after leaving Fernandina

**CHECKLIST OF OTHER WILDLIFE SEEN ON THE GALAPAGOS ISLANDS**

Giant Tortoise	1		S					3	<i>Geochelone elephantopus</i>
Black Turtle	6		S	H	F	I	SB	3	<i>Chelonia agassisi</i>
Lava Lizard	7	B	S	H	F	I	SB	3	<i>Tropidurus sp</i>
Galapagos Land Iguana	2	B				I		3	<i>Conolophus subcristatus</i>
Marine Iguana	8	B	S	H	F	I	SB	5	<i>Amblyrhynchus cristatus</i>
White-tipped Reef Shark	2		S				SB	2	<i>Triaenodon obesus</i>
Spotted Eagle (Leopard) Ray	2					I		2	<i>Aetobatus narinari</i>
Manta Ray	1					I		1	<i>Manta birostris</i>
Sally Lightfoot Crab	7		S	H	F	I	SB	4	<i>Grapsus grapsus</i>
Hermit Crab	2					I	SB	3	<i>Calcinus explorator</i>

Also a 'sea slug' species, Starry Night Nudibranch (*Hypselodoris lapislazuli*)

Insects seen in the Galapagos included Painted Locust (*Schistocerca melanocera*) and Carpenter Bee (*Xylocopa darwini*)

**CHECKLIST OF BIRDS SEEN IN MAINLAND ECUADOR**

**Max no of days  
seen and heard**

**Location**

**Abundance scale**

Maximum 3  
h = heard only

Q = Quito and main highway  
Y = Yanacocha  
N = Nono-Mindo Road  
R = Refugio Paz de los Aves  
S = Satchatamia Lodge  
M = Milpe and Silanche Reserves

Maximum seen  
(on one day)  
1 = 1-4  
2 = 5-9  
3 = 10-99  
4 = 100-999  
5 = 1000-9999  
6 = 10000+

**Mainland Ecuador**

Species order follows *Birds of Ecuador: Field Guide* (Ridgeley, Robert S and Paul J Greenfield)

	Days	Location			Abundance			
Torrent Duck	1	N			1		<i>Merganetta armata</i>	
Cattle Egret	2	N		S	3		<i>Bubulcus ibis</i>	
Black Vulture	2	N	R		M	3	<i>Coragyps atratus</i>	
Turkey Vulture	2	N	R		M	3	<i>Cathartes aura</i>	
American Swallow-tailed Kite	1				M	1	<i>Elanoides forficatus</i>	
Roadside Hawk	1				M	1	<i>Buteo magnirostris</i>	
Variable Hawk	1	Y				1	<i>Buteo polyosoma</i>	
Black-and-Chestnut Eagle	1	N				1	<i>Oroaetus isidori</i>	
American Kestrel	2	Y		R		1	<i>Falco sparverius</i>	
Wattled Guan	1h				S	1	<i>Aburria aburri</i>	
Sickle-winged Guan	2	Y	N	R		1	<i>Chamaepetes goudotii</i>	
Rock Pigeon	1	Q				3	<i>Columba livia</i>	
Band-tailed Pigeon	2	Y	N	R		3	<i>Columba fasciata</i>	
Ruddy Pigeon	1			R		1	<i>Columba subvinacea</i>	
Eared Dove	1	Q				3	<i>Zenaida auriculata</i>	
Red-billed Parrot	1		N			3	<i>Pionus sordidus</i>	
Squirrel Cuckoo	2		N	R	M	1	<i>Piaya cayana</i>	
Cloud Forest Pygmy-Owl	1h				S	1	<i>Glauucidium nubicola</i>	
Rufous-bellied Nighthawk	1			R		1	<i>Lurocalis rufiventris</i>	
White-collared Swift	1				M	1	<i>Streptoprocne zonaris</i>	
Tawny-bellied Hermit	1			R		1	<i>Phaethornis symrnatophorus</i>	
White-necked Jacobin	1				S	1	<i>Florisuga mellivora</i>	
Brown Violet-ear	2			R	S	1	<i>Colibri delphinae</i>	
Green Violet-ear	2			R	S	1	<i>Colibri thalassinae</i>	
Sparkling Violet-ear	1				S	1	<i>Colibri coruscans</i>	
Green Thorntail	1				M	1	<i>Popelairia conversii</i>	
Green-crowned Woodnymph	1				M	1	<i>Thalurania fannyi</i>	
Rufous-tailed Hummingbird	2			R	S	M	1	<i>Amazilia tzacatl</i>
Andean Emerald	2			R	S	1	<i>Amazilia franciae</i>	
Purple-chested Hummingbird	1				M	1	<i>Amazilia rosenbergi</i>	
Speckled Hummingbird	1			R		1	<i>Adelomyia melanogenys</i>	
Purple-bibbed Whitetip	2			R	S	1	<i>Urostitte benjamini</i>	
Empress Brilliant	2			R	S	2	<i>Heliodoxa imperatrix</i>	
Green-crowned Brilliant	1				S	1	<i>Heliodoxa jacula</i>	
Fawn-breasted Brilliant	1			R		1	<i>Heliodoxa rubinoides</i>	
Mountain Velvetbreast	1	Y				1	<i>Lafresnaya lafresnayi</i>	
Great Sapphirewing	1	Y				1	<i>Pterophanes cyanopterus</i>	
Brown Inca	2			R	S	1	<i>Coeligena wilsoni</i>	
Buff-winged Starfrontlet	1	Y				3	<i>Coeligena lutetiae</i>	
Sword-billed Hummingbird	1	Y				1	<i>Ensifera ensifera</i>	
Buff-tailed Coronet	2			R	S	2	<i>Boissonneaua flavescens</i>	
Velvet-purple Coronet	2			R	S	1	<i>Boissonneaua jardini</i>	
Sapphire-vented Puffleg	1	Y				3	<i>Eriocnemis luciani</i>	
Golden-breasted Puffleg	1	Y				1	<i>Eriocnemis mosquera</i>	

Booted Racket-tail	2			R	S	2	<i>Ocreatus underwoodii</i>	
Black-tailed Trainbearer	1		N			1	<i>Lesbia victoriae</i>	
Tyrian Metaltail	1	Y				2	<i>Metallura tyrianthina</i>	
Violet-tailed Sylph	2			R	S	2	<i>Agelaiocercus coelestis</i>	
Purple-crowned Fairy	1				M	1	<i>Heliothryx barroti</i>	
Purple-throated Woodstar	2			R	M	3	<i>Calliphlox mitchellii</i>	
White-bellied Woodstar	1				S	1	<i>Chaetocercus mulsant</i>	
Golden-headed Quetzal	1		N			1	<i>Pharomachrus auriceps</i>	
Masked Trogon	1		N			1	<i>Trogon personatus</i>	
Toucan Barbet	1			R		1	<i>Semnornis ramphastinus</i>	
Crimson-rumped Toucanet	2			R	M	1	<i>Aulacorhynchus haematopygus</i>	
Pale-mandibled Aracari	1				M	1	<i>Pteroglossus erythropygius</i>	
Plate-billed Mountain Toucan	2		N			1	<i>Andigena laminirostris</i>	
Choco Toucan	1				M	1	<i>Ramphastos brevis</i>	
Smoky-brown Woodpecker	1				M	1	<i>Veniliornis fumigatus</i>	
Pacific Hornero	1				S	1	<i>Furnarius cinnamomeus</i>	
Red-faced Spinetail	1				S	1	<i>Cranioleuca erythropus</i>	
Pearled Treerunner	1	Y				1	<i>Margarornis stellatus</i>	
Scaly-throated Foliage-gleaner	1				M	1	<i>Anabacerthia variegaticeps</i>	
Buff-fronted Foliage-gleaner	1				M	1	<i>Philydor rufus</i>	
Plain Xenops	1				M	1	<i>Xenops minutus</i>	
Strong-billed Woodcreeper	1				S	M	1	<i>Xiphocolaptes promeropirhynchus</i>
Spotted Woodcreeper	1				S		1	<i>Xiphorhynchus erythropygius</i>
Montane Woodcreeper	1			R			1	<i>Lepidocolaptes lacrymiger</i>
Slaty Antwren	1				M		1	<i>Myrmotherula schisticolor</i>
Rufous-breasted Antthrush	1			R			1	<i>Formicarius rufipectus</i>
Giant Antpitta	1			R			1	<i>Grallaria gigantea</i>
Moustached Antpitta	1			R			1	<i>Grallaria alleni</i>
Chestnut-crowned Antpitta	1+1h		N				1	<i>Grallaria ruficapilla</i>
Yellow-breasted Antpitta	1			R			1	<i>Grallaria flavotincta</i>
Tawny Antpitta	1h		N				1	<i>Grallaria quitensis</i>
Ochre-breasted Antpitta	1			R			1	<i>Grallaricula flavirostris</i>
Unicolored Tapaculo	1h		N				1	<i>Scytalopus unicolor</i>
Spillmann's Tapaculo	1h		N				1	<i>Scytalopus spillmani</i>
Ocellated Tapaculo	1h	Y					1	<i>Acropternis orthonyx</i>
White-crested Elaenia	1	Y					1	<i>Elaenia albiceps</i>
White-throated Tyrannulet	1	Y					1	<i>Mecocerculus leucophrys</i>
White-tailed Tyrannulet	1	Y					1	<i>Mecocerculus poecilocercus</i>
Marble-faced Bristle-Tyrant	1				M		1	<i>Phylloscartes ophthalmicus</i>
Scale-crested Pygmy-Tyrant	1h				M		1	<i>Lophotriccus pileatus</i>
Ornate Flycatcher	2			R	M		1	<i>Myiotriccus ornatus</i>
Smoke-coloured Pewee	2			R	S	M	1	<i>Contopus fumigatus</i>
Black Phoebe	1		N				1	<i>Sayornis nigricans</i>
Social Flycatcher	1				M		1	<i>Myiozetetes similis</i>
Golden-crowned Flycatcher	2			R	M		1	<i>Myiodynastes chrysocephalus</i>
Tropical Kingbird	3	Q	N		S		3	<i>Tyrannus melancholicus</i>
Cinnamon Becard	2			R	M		1	<i>Pachyramphus cinnamomeus</i>
Orange-breasted Fruiteater	1			R			1	<i>Pipreola jucunda</i>
Olivaceous Piha	1			R			1	<i>Lipaugus cryptolophus</i>
Andean Cock-of-the-Rock	2		N	R			3	<i>Rupicola peruviana</i>
White-bearded Manakin	1h				M		2	<i>Manacus manacus</i>
Club-winged Manakin	1				M		1	<i>Machaeropterus deliciosus</i>
Turquoise Jay	1		N				1	<i>Cyanolyca turcosa</i>
Red-eyed Vireo	2		N		S	M	1	<i>Vireo olivaceus</i>
Brown-capped Vireo	1		N				1	<i>Vireo leucophrys</i>
Andean Solitaire	1			R			1	<i>Myadestes ralloides</i>
Great Thrush	2	Y	N				3	<i>Turdus fuscater</i>
Ecuadorian Thrush	1				S		1	<i>Turdus maculirostris</i>
White-capped Dipper	1		N				1	<i>Cinclus leucocephalus</i>
Grey-breasted Martin	1				M		1	<i>Notiochelidon murina</i>
Brown-bellied Swallow	1	Y					4	<i>Notiochelidon murina</i>
Blue-and-White Swallow	2		N		M		3	<i>Notiochelidon cyanoleuca</i>
White-thighed Swallow	1				M		1	<i>Neochelidon tibialis</i>

Southern Rough-winged Swallow	1			N			3	<i>Stelgidopteryx ruficollis</i>
Grass Wren	1			N			1	<i>Cistothorus platensis</i>
House Wren	1				R	M	1	<i>Troglodytes aedon</i>
Tropical Parula	1					M	1	<i>Parula pitaiyumi</i>
Blackburnian Warbler	1					M	1	<i>Dendroica fusca</i>
Slate-throated Redstart	2			N	R	M	2	<i>Myioborus miniatus</i>
Spectacled Redstart	1	Y					1	<i>Myioborus melanocephalus</i>
Choco Warbler	1					M	1	<i>Basileuterus chlorophrys</i>
Bananaquit	1					M	1	<i>Coereba flaveola</i>
Cinereous Conebill	1	Y					2	<i>Conirostrum cinereum</i>
Blue-backed Conebill	1	Y					2	<i>Conirostrum sitticolor</i>
Masked Flowerpiercer	2	Y			R		1	<i>Diglossa cyanea</i>
Glossy Flowerpiercer	1	Y					1	<i>Diglossa lafresnayii</i>
Black Flowerpiercer	1	Y					1	<i>Diglossa humeralis</i>
Guira Tanager	1					M	1	<i>Hemithraupis guira</i>
Thick-billed Euphonia	1				R		1	<i>Euphonia laniirostris</i>
Orange-bellied Euphonia	1					M	1	<i>Euphonia xanthogaster</i>
White-lined Tanager	1					M	1	<i>Tachyphonus rufus</i>
Fawn-breasted Tanager	1				R		1	<i>Pipraeidea melanonota</i>
Rufous-throated Tanager	1					M	1	<i>Tangara rufifigula</i>
Golden Tanager	2			N	R	M	2	<i>Tangara arthus</i>
Silver-throated Tanager	1					M	1	<i>Tangara icterocephala</i>
Golden-naped Tanager	1				R		1	<i>Tangara rufivertex</i>
Metallic-green Tanager	1				R		1	<i>Tangara labradorides</i>
Black-capped Tanager	1				R		1	<i>Tangara heinei</i>
Blue-necked Tanager	1					M	1	<i>Tangara cyanicollis</i>
Bay-headed Tanager	1					M	1	<i>Tangara gyrola</i>
Scarlet-bellied Mountain-Tanager	1	Y					2	<i>Anisognathus igniventris</i>
Blue-winged Mountain-Tanager	1				R		2	<i>Anisognathus notabilis</i>
Black-chinned Mountain-Tanager	1				R		1	<i>Anisognathus flavinucha</i>
Hooded Mountain-Tanager	1	Y					2	<i>Buthraupis montana</i>
Black-chested Mountain-Tanager	1	Y					1	<i>Buthraupis eximia</i>
Swallow-Tanager	1					M	1	<i>Tersina viridis</i>
Blue-grey Tanager	1					M	1	<i>Thraupis episcopus</i>
Palm Tanager	1					M	1	<i>Thraupis palmarum</i>
Blue-capped Tanager	1				R		1	<i>Thraupis cyanocephala</i>
Lemon-rumped Tanager	2				R	S	3	<i>Ramphocelus icteronotus</i>
Ochre-breasted Tanager	1					M	1	<i>Chlorothraupis stolzmanni</i>
Yellow-throated Bush-Tanager	1					M	1	<i>Chlorospingus flavigularis</i>
Superciliaried Hemispingus	1	Y					1	<i>Hemispingus superciliaris</i>
Tanager Finch	1			N			1	<i>Oreothraupis arremonops</i>
Black-winged Saltator	1					M	1	<i>Saltator atripennis</i>
Yellow-faced Grassquit	1				R		1	<i>Tiaris olivacea</i>
Variable Seedeater	1				R		1	<i>Sporophila americana</i>
Plain-coloured Seedeater	1				R		2	<i>Catamenia inornata</i>
Rufous-naped Brush-Finch	1	Y					1	<i>Atlappetes rufinucha</i>
Tricolored Brush-Finch	1					M	1	<i>Atlappetes tricolor</i>
Rufous-collared Sparrow	3	Q	Y	N	R	M	3	<i>Zonotrichia capensis</i>
Scrub Blackbird	1					S	1	<i>Dives warszewiczi</i>

Great-tailed Grackles (*Quiscalus mexicanus*) were seen in the city of Guayaquil on our return home

#### CHECKLIST OF MAMMALS SEEN IN MAINLAND ECUADOR

Red-tailed Squirrel	1					S	M	1	<i>Sciurus granatensis</i>
Brazilian Rabbit	1	Y						1	<i>Sylvilagus brasiliensis</i>

These lists represent those birds and other animals seen by party members of this tour.