# Peru October 2018 Lima, Cusco, Abra Malaga, Machu Picchu and the Manu Road

These notes relate to a trip carried out by myself (Rosemary Royle) and my husband Peter in October 2018.

We decided to bite the bullet and go to Peru despite the fact that I was somewhat overwhelmed by the very long bird list and the large range of birding destinations in the country. Eventually I focussed on the Cusco/Manu area and I initially thought of doing the full Manu trip including the Manu Wildlife Lodge. In the end I decided against it as there were only a limited number of new birds we could see there, having had 4 excellent days in Sacha Lodge in Ecuador a few years ago in similar habitat. Also I find lowland rainforest birding very hard work and I did not fancy the long boat trips! So we decided on a shorter trip, with a few days around Cusco then the trip down the Manu Road and back. This would enable us to see a wide range of birds at elevations ranging from 4300 metres to 500 metres, and would leave enough time to fit in some birding in Lima, so that we could catch up with the much wanted Inca Tern and Humboldt Penguin. There would also be time to visit Machu Picchu and other Inca ruins during the Cusco-based part of the trip.

The trip was organised in conjunction with Manu Expeditions (https://www.birding-in-peru.com/) and for the majority of the time we were accompanied by a birdwatching guide. In Peru the logistics are tricky, the sheer number of species is daunting and there is much specialist knowledge required in terms of what to find where, so we decided that either going on a group tour or organising a tailored trip with a local guide was the only practical way to do it. We decided on the latter option and we put together an itinerary based on the standard packages offered by Manu, all of which they offer as tailored trips e.g.

13 day Manu Road trip ("Cloudforest and mountains of Manu") starting and finishing in Cusco

2 day Abra Malaga trip starting in Ollantaytambo and finishing in Cusco (2 separate day trips)

Lima – a one day trip to Villa Marshes and Pucusana

Lima – a one day trip to the Santa Eulalia road

Lima – a one day trip to Lomas de Lachay

On all these trips we had a first-class guide and we travelled in a large people-carrier or minibus with an experienced driver. Excellent and varied packed lunches, snacks and water were also supplied.

We also spent 2 days on a trip to the Sacred Valley/Machu Picchu with a cultural guide for the ruins and DIY birding the rest of the time. Also 2 days in Cusco sight-seeing and a day in Lima.

Manu Expeditions organised all the airport pickups and transfers and all the tickets and logistics for Machu Picchu, Cusco and Lima as well as the guided parts of the trip. It was nice to know we could ring them on their emergency number if anything went wrong.

In Lima our guide was Alejandro Tello - his birding knowledge was excellent and he knows his local patch very well. In the Cusco/Manu area our guide was Gustavo Bautista. Gustavo was very personable, spoke good English and his birding knowledge in terms of both birding ID and knowing where to find them was excellent. I would have no hesitation in recommending either guide. I should also mention Walter, our driver for the Manu part of the trip. He was wonderful — a safe and conservative driver, a Mr Fixit who you felt would always get you out of trouble, and obviously well-known along the road.

We saw 477 species between us, with 198 new species for Peter and 181 for me (I did not participate on a couple of afternoon trips or the climb up the hill at Amazonas on the last morning, and sure enough, because I wasn't there, they saw some great birds!) Both of us well exceeded our 5,000 species life total during the trip which pleased us greatly.

This was our itinerary:

Day	ОСТ	Day	Night
Tue	2	Drive to Gatwick from Pembrokeshire	Springwood Guest House and parking
Wed	3	Fly UK Gatwick BA 2239 13:50 and arrive Lima 20:25	Allpa Hotel Lima

Thu	4	Day in Lima	Allpa Hotel Lima
Fri	5	Lima day trip: Pucusana/Villa Marshes	Santa Eulalia bungalows
Sat	6	Lima day trip: Santa Eulalia road	Lima, Hotel Limaq
Sun	7	Fly Cusco Avianca 809 8:06 arrives 09:31. Drive to Ollantaytambo. No bird guide.	Pakaritampu, Ollantaytambo
Mon	8	Machu Picchu 2 day tour starting Ollantaytambo. No bird guide, cultural guide for Machu Picchu	Aguas Calientes - Machu Picchu Pueblo Hotel
Tue	9	Birding at Aguas Calientes (no guide), return to Ollantaytambo	Pakaritampu, Ollantaytambo
Wed	10	Abra Malaga tour day 1	Pakaritampu, Ollantaytambo
Thu	11	Abra Malaga day 2, back to Cusco	Casa Andina, Cusco
Fri	12	Start of "Cloudforest and Mountains tour". Huarcapay lakes	Casa Andina, Cusco
Sat	13	Inter-montane valleys and high-level grassland & forest	Wayqecha Biological Station
Sun	14	Around Wayqecha Biological Station	Wayqecha Biological Station
Mon	15	Around Wayqecha and down to CORL	Cock-of-the-Rock Lodge
Tue	16	Around Cock-of-the-Rock Lodge	Cock-of-the-Rock Lodge
Wed	17	Around Cock-of-the-Rock Lodge	Cock-of-the-Rock Lodge
Thu	18	Around Cock-of-the-Rock Lodge	Cock-of-the-Rock Lodge
Fri	19	Birding into the lowlands	Villa Carmen
Sat	20	Birding around Villa Carmen and down to Amazonas Lodge	Amazonas Lodge
Sun	21	Birding around Amazonas Lodge	Amazonas Lodge
Mon	22	Birding around Amazonas Lodge	Amazonas Lodge
Tue	23	Return to Cusco	Casa Andina, Cusco
Wed	24	Day free in Cusco.	Casa Andina, Cusco
Thu	25	Morning Cusco then fly to Lima Avianca 808 14:05 arrives 15:30	Wyndham Hotel, Lima
Fri	26	Lima day trip: Lomos de Lachay then to the airport for flight home BA 2238 20.00	In flight
Sat	27	Flight arrives 14:20, drive home	

If we were to organise the trip again I don't think we would have changed anything at all, except that we may have tried to go a bit earlier in the year as by the end of the trip we were picking up some bad weather. As it was, we went as late as possible in order to avoid some of the miserable autumn at home (October is relentlessly wet and windy in Pembrokeshire) and although we had some rain on quite a few days, it only really caused problems on the very last day (see below).

The rest of this document is not a blow-by-blow account of all the birds seen (though there is a full bird list at the end), or even a detailed description of locations as these are all well-known by the local guides and mentioned in other trip reports. However, the notes do cover a number of logistical and domestic details which are often omitted elsewhere.

#### LOGISTICS

Books "The Birds of Peru" is thick and daunting but obviously necessary. We also found Barry Walker's "Birds of Machu Picchu and the Cusco Region" very useful when in the Cusco area as it is so much more manageable and also deals with local races.

Bird lists Manu Expeditions gave us a several full bird lists tailored to our various trips when we arrived but it did not seem to be possible to get them in advance. (Note however that the Manu Road list which was provided also contained all the birds for the lowlands even though we weren't going the whole way.) I therefore struggled to do my homework in advance. I put together my own Lima list (a manageable number of species) and also a Cusco list (based on Barry's book) but I could not see how to construct a Manu Road list as it covers so many altitudes and the maps in the Peru bird book are very small. As I was not prepared to swot up on birds I was not likely to see, in the end I gave up, being thoroughly daunted by the number of similar species. I did, however, print off a list of all

the birds we had previously seen in South and Central America so that I could tell what was new! I am sure Gustavo was very disappointed at the quality of our preparation, but the truth is that I find it difficult to get enthusiastic about all the similar Woodcreepers, Antbirds etc when I can barely see them in the gloomy undergrowth! So in the end, we were just grateful to see whatever was on offer.

**International Flights** We flew direct to Lima from Gatwick with British Airways. This flight was not particularly expensive considering it was direct and avoided the stress of a transfer and the risk of luggage going missing. It was not, however, a particularly nice plane and the audio-visual system was primitive. This would not be a problem for an overnight flight but this flight left at 13:50 and arrived at 20.25 local time so it was essentially a day time flight where the audio-visual system is pretty crucial unless you are prepared to read all the time.

We arrived in our hotel in Miraflores in Lima after an hour's drive at about 22:30 local time – this was about 3 in the morning for us so we simply crashed out and managed to sleep through till 5:00am local time. After that we had no jet-lag problems at all.

Internal Flights We booked flights between Lima and Cusco with Avianca as their flights seemed to leave at the times we wanted. We booked through Expedia. (Note that Manu Expeditions do not book these flights for you). About 6 weeks before the trip we had an email from Expedia telling us that the 6:00pm flight from Cusco to Lima on our penultimate day had been cancelled and our booking had been moved to the 2:00 pm flight – we decided to accept that rather than change it. When the day arrived it dawned very wet with heavy low cloud. When we got to the airport for the flight there was chaos – most of the Lima flights had been cancelled or delayed due to the weather. No flights were arriving from Lima so none could depart. People who had not already checked in online were being bumped off (I don't know why – when we did eventually board the plane it was not full). To cut a long story short, our plane did eventually arrive from Lima and we boarded it 4 hours late. Several people on this flight had international connections leaving Lima at about 8 pm and they did not make it. So: make sure you have plenty of time between a Cusco-Lima flight and your international flight. It was OK for us as we had built in a buffer day in Lima which, unless needed for contingency, we intended to use for the day trip for Lomas de Lachay, leaving in the evening for the flight home.

The other thing we noticed whilst at the airport as that while we were waiting for our one Avianca flight, about 4 LATAM flights to Lima departed – they had also all been delayed. It struck us that if a flight had been cancelled (and plenty were) there was a better chance of getting on another plane if you were flying with LATAM as there were more flights scheduled.

**Airport Hotels** Unlike most major cities, there is not a cluster of hotels around the airport at Lima. If you need to stay near the airport there seem to be two options – the Wyndham Costa del Sol which is right on the airport – a bit expensive but very convenient and the Limaq which is a small modern hotel about 5 minutes away by car or taxi. We stayed at both of these and they were both fine.

**Lima traffic** Do not underestimate it! Our return BA flight was delayed by 40 minutes because the crew were stuck in traffic. The enormous and chaotic queue of traffic trying to get on to the Central Highway (where the Santa Eulalia road is) had to be seen to be believed. Our driver knew the best short cuts but even then, it was painful.

**Food** We never had a bad meal in Peru and we also did not get sick (no Montezuma's Revenge). Ranging from "corn with cheese" (choclo con queso) from a roadside stall on the ravine bridge on the Santa Eulalia road to a delicious meal at Cicciolinos in Cusco, from a tiny cafe in the centre of Cusco where we watched Peru v Chile (football) on the telly, to smoked trout with fresh brown bread and mayonnaise half-way down the mountain at Abra Malaga, or the world's largest fresh green lemonade at Indio Feliz in Aquas Calientes, the food was always much better than you expected.

**Weather** October is at the end of the dry sunny cold season and the beginning of the warmer wet season. We expected the weather to be changeable and it was. We had two days of bright sunny weather but mostly it was fairly overcast and there was some rain on most days. Depending on where you were this might either be on-and-off drizzle, or thunderstorms in the early afternoon.

The rainy season technically starts in November but Gustavo was leading another long trip after he left us which was going right down to Manu Lodge so presumably the weather is not too bad then —I think the really bad wet weather is in Jan and Feb.

It was cold at high elevations, especially at night, and the lodges have no heating. At Wayqecha we slept under the largest pile of bedding I have ever seen and we needed all of it. Gloves were definitely needed at Abra Malaga. Even at the lowest elevation we went to, at Amazonas Lodge, it was not overly hot.

**Pisco Sour** I think this is a fantastic drink, and quite unique to Peru (and maybe Ecuador) where the "limons" are actually somewhere half-way between a lemon and a lime. (A Pisco Sour is basically Pisco (clear grape brandy), "lemon" juice, sugar and egg white whizzed up in a blender, but getting the amount of sugar right is critical). The best by far were served at good restaurants where they make them properly from scratch. I think most other places use the mix that you can buy everywhere.

**Electricity** At the lodges on the Manu Road, electricity (from a generator) was only available from 6–9 pm. This was not a problem as the showers still worked at any time (solar power). The generator was often, in fact, switched on at other times for making juice, soup and doing washing so it was always worth enquiring if you were desperate. At Cock-of-the-rock Lodge (CORL) there were solar powered lights in the cabins which were surprisingly effective and also at CORL there was a charging bank in the dining room (there were no sockets in the rooms) and I was staggered at the amount of stuff people found it necessary to charge!

Machu Picchu Getting here is complicated but as well as the well-known ruins there are good birds to be seen in the valley (which is at a much lower elevation than Cusco) so it is worth a few days visit. You can only get to Machu Picchu by train, either from Cusco or from Ollantaytambo so we drove to Ollantaytambo and stayed there for a night at the Pakaritampu Hotel which is close to the station and there are good hummingbirds in the garden. (It is quite an uphill hike to the main part of the village and the Ollantaytambo ruins however). The next day we then went by train to Aguas Calientes - note that you can only take a smallish bag with you on the train - there is physically no room for large luggage. On arriving we walked to our hotel, the Machu Picchu Pueblo, which is expensive but which has good birdwatching in the grounds. We birdwatched here until our guide arrived to take us to Machu Picchu on the bus, where we had lunch at the Belmond Sanctuary buffet (excellent) and visited the ruins in lovely sunny weather. Whilst there we saw several kinds of swifts and heard Inca Wren, and saw Chinchillas. The next day we had intended to walk along the river to the bridge and birdwatch onwards from there (as described in Barry Walker's book) but it was pouring with rain so we stayed in the hotel grounds and birdwatched from various areas of cover – thatched umbrellas, the tea house etc. We had very good views of Cock-of-the-rock in the hotel grounds, also Motmot, but on the whole the birdwatching here was disappointing as the feeders were not attracting much of a variety of birds.

Note that Manu Expeditions made all the bookings for Machu Picchu itself, the train, the bus, the guide, the lunches etc. There were a few issues with communication but it all worked out alright in the end.

It is worth noting that the good birdwatching area at Aguas Calientes is a fair walk from the town and even further from our hotel. We had considered getting a taxi but there aren't any – the only transport in AQ are the Machu Picchu buses. We could have done with another day (and no rain) to do the area justice.

# **BIRDING LOCATIONS**

Lima – Villa Marshes, Pucusana and a scrubby stream-side – we went to the large pool at Villa Marshes first where we were amazed by the number and variety of waterbirds, waders and seabirds. Most of them were familiar from previous American trips but not all e.g. Tufted Grebe, Grey Gull, Belcher's Gull. We circumnavigated the pool, and found Peruvian Thick-knees, Many-coloured Rush-tyrant and Wren-like Rushbird so it was a very productive few hours. We then moved on to Pucusana where we got straight into the boat (complete with life-jackets supplied by Manu Expeditions) and went out around the island, which is only separated by a small distance from the mainland and has holiday homes on the landward side. We saw all the target species well -Inca Terns, Guanay and Red-legged Cormorants, Peruvian Boobies, Peruvian Pelicans and Humboldt Penguins plus Surf Cinclodes. After lunch we headed back towards Lima and explored along a small road next to a stream. Here we found a good variety of dry-land small birds including Short-tailed Field Tyrant, Chestnut-throated Seedeater

and Collared Warbling-finch. We then headed through the Lima traffic to Santa Eulalia where we stayed the night ready for the trip the next day.

**Santa Eulalia Road** - the most notable thing about this day were the roads which were unsurfaced, narrow, very exposed, with no barriers and very long drops! Comforting myself with the thought that we all have to die sometime, I gritted my teeth and considered what I am prepared to go through in the name of birds! The mountain sides were very dry (apparently they are covered with flowering shrubs and hummingbirds in April) so birding was quite hard work but Alejandro eventually dug out some good birds such as Black-necked Woodpecker and Great Inca-finch. It was an interesting day with amazing scenery.

**Lomas de Lachay** – We did this trip on our last day as it is located to the north of Lima, which is the same side as the airport. It is quite a short day so fits in well with an evening flight. As you drive north, bare desert turns into hills with vegetation and there are also small areas with cacti which host the Cactus Canastero – we saw one nest-building. There were other good birds too – e.g. Least Seed-snipe, Peruvian Meadowlark and various Miners. We visited a large lake on the way back to Lima – this held similar species to Villa Marshes. Not a terrifically exciting day but there are birds here which you are unlikely to see anywhere else.

Abra Malaga – high pass and polylepsis forest This was a fantastic day, starting off with bright hot sunshine at 4,300 metres with views of two tricky canasteros and then a condor flew right over our heads. We then worked our way down through the polylepsis woodland on the other side of the ridge as the weather gradually closed in. Peter and Gustavo went to look for the Royal Cinclodes but failed to find it - Gustavo said that out of 20 attempts he has seen it four times. Masses of other good birds though, including most of the polylepsis specialists. Even in the cold heavy rain we were still seeing new birds. It was along hard walk for someone who is not particularly fit but it was very special.

Abra Malaga – the far side This was more conventional roadside birding, stopping at various points and walking. We had some good flocks and did well on hemispinguses. We actually saw two other parties of birders here. We finished up at a private reserve where Gustavo staked out Red-and-white Antpitta and we also had excellent views of Inca Wren. On the way back we stopped at Penas ruins where we found White-tufted Sunbeam and some most unusual fuchsia like flowers growing apparently straight out of the rocks.

**Huarcapay Lakes** – we had already seen a number of the key birds at this site when we had previously visited Villa Marshes so we concentrated on the birds in the dry scrubby areas, key amongst these being Bearded Mountaineer, of which we had good but brief views. Also Streak-fronted Thornbird and a roosting (Lesser) Great Horned Owl.

**Drive from Cusco to Wayqecha** – first stop was a lovely little valley on the way up to the pass where we saw Creamy-crested Spinetail and Chestnut-breasted Mountain-finch. After reaching the puna habitat on the top of the second pass we drove along the road to Tres Cruces in very poor visibility and failed to find Scribble-tailed Canastero though we found White-browed Conebill.

**Wayqecha Lodge** – this lodge is situated on a steep mountainside with very long zig-zags (switchbacks to Americans) above and below it. The road is pretty quiet so birding along it gave easy access to a range of elevations – at the top of the road it was close to the tree line whereas at the bottom it was montane forest. The road also provided good views over the canopy on the downhill side. There were loads of good species here but the one we most wanted – Grey-breasted Mountain-toucan – gave us only fleeting views. We heard them calling frequently but could not see them or tempt them out. (You can't pursue them too relentlessly as they are endangered).

The track to the Canopy Walkway went through some lovely forest and was excellent for birds – Peter saw some good species here one afternoon including both Band-tailed and Barred Fruiteater. The hummingbird feeders at Wayqecha were not attracting any takers at all, probably because the forest was full of flowering shrubs, particularly one with blue tube flowers – in consequence the hummers, flowerpiercers and conebills were all seen out in the forest.

The day on which we left Wayqecha and birded downhill to CORL was a very good day – the birds seemed very active and a number of charismatic species which were only seen once on the trip were seen on this day e.g. Versicolored Barbet, Inca Flycatcher, Crimson-Bellied Woodpecker, Blue-banded Toucanet.

**Cock-of-the-rock Lodge** In the same way as at Wayqecha, birding here mostly consisted of birding the road either above or below the lodge. There are a number of well-known spots along the road e.g. Tanager Corner. The forest was beautiful, the weather was quite good, but the birding seemed rather quiet. I am sure most birds had started breeding – we saw very few females and no juveniles, so I think they were at the egg-laying or incubating stage and they were keeping a low profile. I suspect there is also an issue with birds getting "taped out" by the end of the season.

In contrast, the hummingbird and banana feeders at CORL were well frequented with good species and entertaining to watch.

There are Yungas Manakin in the grounds here – they are easy to hear but very difficult to see - we found them eventually.

The Cock-of-the-rock lek is now a short drive above the lodge – we had excellent views of about 10 adult birds and 2 juveniles.

**Villa Carmen** Down in the hot humid lowlands this place had a very different feel, being next to a river and with fishponds, lakes and bamboo. The rooms were in a very smart new building with a netted opening (no glass) all along the side facing the forest. There were loads of big noisy birds such as Hoatzins, Piping Guans and Chestnut-fronted Macaws and we also found quite a few small ones too, responding quite nicely to our calls for once. There was a good track for bamboo species. There are also feeding stations for Tinamous and Ant-pittas but we had no luck with these.

Amazonas Lodge I knew we had to cross the river to get to this lodge but I was not expecting white-water and rapids! (Lifejackets were supplied). There were a few really nice new birds here such as Grey-winged Trumpeter and Rufous-crested Coquette, plus plenty of other more retiring species. Birding was carried out on the tracks and paths around the lodge, mostly in riverine forest and in amongst bamboo, and also in primary forest on the hill.

**The Machu Picchu area** This area is covered well in Barry Walker's book and we really failed to do it justice. Many of the birds are widespread species from lower elevations and species we had seen elsewhere but we did find several new ones in the hotel garden e.g. Silvery Tanager and Green-and-white Hummingbird.

# **BIRD LIST**

In the list below, birds highlighted in **BOLD** were lifers for us. We have spent time birding in Ecuador and Brazil, as well as trekking in Argentina with some birdwatching on the side so birds such as Condor and Cock-of-the-rock were not new for us.

# **Bird List for Peru Trip October 2018**

Villa Marshes, Pucusana etc	VP	
Santa Eulalia Road	SE	Endemic
Lomas de Lachay	LL	Restricted Range
Ollantaytambo & Machu Picchu	sv	Bold - New species
Hucarpay Lakes	HL	
Abra Malaga I	ABI	
Abra Malaga 2 Wayqecha area and	AB2	<del>-</del>
drive from Cusco to Wayqecha Drive from Wayqecha to Cock-of-the-rock	WQ	The order follows HBW
Lodge	WCR	
Cock-of-the-rock Lodge area	COR	
Villa Carmen and Amazonas Lodge	LOW	

			>	SE	1	S	로	ABI	AB2	<b>%</b>	WCR	COR	LOW
Cinereous Tinamou	crypturellus	cinereus											Н
Brown Tinamou	crypturellus	obsoletus										Х	
Undulated Tinamou	crypturellus	undulatus											Н
Black-capped	,,												
Tinamou	crypturellus	atrocapillus											Н
Andean Tinamou	nothoprocta	pentlandii			Х	Х							
Andean Guan	penelope	montagnii								Х	Χ		
Spix's Guan	penelope	jacquacu											Х
Blue-throated Piping- Guan	pipile	cumanensis											Х
Speckled Chachalaca	ortalis	guttata									Χ	Χ	Х
Andean Duck	oxyura	ferruginea	X		Х		Х						
Puna Teal	spatula	puna					Х						
Torrent Duck	merganetta	armata				Χ							
Cinnamon Teal	spatula	cyanoptera	X		Χ	Χ							
White-Cheeked Pintail	anas	bahamensis	Х		Χ								
Yellow-billed Pintail	anas	georgica					Х						
Yellow-billed Teal	anas	flavirostris				Х	Х	Х					
Pied-billed Grebe	podilymbus	podiceps			X								
White-tufted Grebe	rollandia	roland	Х		Х		Х						
Great Grebe	podiceps	major	Х		Х								
Sunbittern	eurypyga	helias											Х
Spot-winged Pigeon	patagioenas	maculosa		Х			Х		Х	Х			
Southern Band-tailed													
Pigeon	patagioenas	albilinea								Х		Х	
Pale-vented Pigeon	patagioenas	cayennensis											Х
Plumbeous Pigeon	patagioenas	plumbea										Х	
Ruddy Pigeon	patagioenas	subvinacea											Х
White-tipped Dove	leptotila	verreauxi		Х		Х							
Grey-fronted Dove	leptotila	rufaxilla											Х
West Peruvian	zenaida	mada da		_	_								
Dove Eared Dove	zenaida	meloda auriculata	X	X	X		Х		X				
Ruddy Ground-dove	columbina	talpacati											Х
Croaking Ground-													
dove	columbina	cruziana	X	Х	Х								
Bare-faced Ground- dove	metriopelia	ceciliae		Х			Х						
Black-winged Ground- dove	metriopelia	melanoptera							X				
Common Potoo	nyctibius	griseus											Х
Pauraque	nyctidromus	albicollis											X
Lyre-tailed Nightjar	uropsalis	lyra										Х	
White-tipped Swift	aeronautes	montivagus				Х							+-
Andean Swift	aeronautes	andecolus		X		X							
Chestnut-collared													
Swift	cypseloides	rutila										Х	X
White-collared Swift	streptoprocne	zonaris		1			Х	Х			Х		Х
Grey-rumped Swift	chaetura	cinereiventris											X
Pale-rumped Swift	chaetura	egregia											Х
Fork-tailed Palm-Swift	tachornis	squamata											Х

Peruvian Sheartail	thaumastura	cora	X								
White-necked Jacobin	florisuga	mellivora									Х
Pale-tailed Barbthroat	threnetes	leucurus									X
Green Hermit	phaethornis	guy							Х	Х	
Koepcke's Hermit	phaethornis	koepckeae									Х
Great-billed Hermit	phaethornis	malaris									Х
Blue-fronted Lancebill	doryfera	johannae								Х	
Eastern Wedge- billed H'bird	schistes	geoffroyi								Х	
Green Violetear	colibri	thalassinus		Х							
Sparkling Violetear	colibri	coruscans							Х	Х	
Amethyst-throated Sunangel	heliangelus	amethysticollis					Х	Х			
Wire-crested	-										
Thorntail Rufous-crested	discosura	popelairii	1	<u> </u>				1		Х	
Coquette	lophornis	delattrei									Х
Peruvian Piedtail	phlogophilus	harterti	$\bot$							Х	
Speckled Hummingbird	adelomyia	melanogenys								Х	
Long-tailed Sylph	aglaiocercus	kingi		Χ							
Andean Hillstar	oreotrochilus	estella				Χ					
Green-tailed Train- Bearer	lesbia	nuna		Х	Х						
Blue-mantled Thornbill	chalcostigma	stanleyi				Χ					
Bearded Mountaineer	oreonympha	nobilis			Х			Х			
Tyrian Metaltail	metallura	tyrianthina					Х	Х			
Scaled Metaltail	metallura	aeneocauda					Χ	Х			
Buff-thighed Puffleg	haplophaedia	assimilis							Х		
Sapphire-vented Puffleg	eriocnemis	luciani					Х				
Shining Sunbeam	aglaeactis	cupripennis				Χ	Χ	Χ			
White-tufted Sunbeam	aglaeactis	castelnaudii					Х				
Bronzy Inca	coeligena	coeligina		Х						Х	
Collared Inca	coeligena	torquata		Х					Х		
Cusco Starfrontlet	coeligena	oscularis					Χ		Х		
Sword-billed	ensifera	ensifera					X				
Hummingbird Chestnut-breasted	ензнега	ensiiera	+				^				
Coronet	boissonneaua	matthewsii		Х				Х			
Booted Racket-tail <b>(Ss Annae)</b>	ocreatus	underwoodii								Х	
Gould's Jewelfront	heliodoxa	aurescens									Х
Violet-fronted Brilliant	heliodoxa	leadbeateri								Х	
Giant Hummingbird	patagona	gigas			Х			Х			
Blue-Tailed Emerald	chlorostilbon	mellisugus									Х
Violet-headed											
Hummingbird Grey-breasted	klais	guimeti	1								Х
Sabrewing	campylopterus	largipennis									Х
Fork-tailed Woodnymph	thalurania	furcata								X	X
Many-spotted	ciaidi ailia	iui cata	 +	1	<del>                                     </del>	1	1	1	1	<del>  ^ </del>	+^-

White-bellied		1							Ì			
Hummingbird Green-and-white	amazilia	chionogaster				Х						
Hummingbird	amazilia	viridicauda				Х						
Amazilia Hummingbird	amazilia	amazilia	Х	Х								
Sapphire-spangled	uu											
Emerald	amazilia	lactea							<u> </u>			Х
Golden-tailed Sapphire	chmauronia	oonono									X	X
Purple-collared	chrysuronia	oenone									^-	^
Woodstar	myrtis	fanny		Х	Х							
Oasis												
Hummingbird White-bellied	rhodopis	vesper		Х	Х							
Woodstar	chaetocercus	mulsant									X	
Amethyst												
Woodstar	calliphlox	amethystina										X
Hoatzin	opisthocomus	hoazin										Х
Smooth-billed Ani	crotophaga	ani							<u> </u>			Х
Groove-billed Ani	crotophaga	sulcirostris	Χ	Χ					<u> </u>			1
Squirrel Cuckoo	piaya	cayana							<u> </u>	Х	Х	1
Plumbeous Rail	pardirallus	sanguinolentus	Х				Х		ļ			
Grey-necked Wood- Rail	م سمسنا	ania m a con										
	aramides	cajaneus										X
Purple Gallinule	porphyrio	martinicus										Х
Common Gallinule	gallinula	galeata	Х		Х		X					
Andean Coot	fulica	ardesciaca	Х				Х		1			
Pale-winged Trumpeter	psophia	leucoptera										X
Limpkin	aramus	guarauna										Н
Humboldt Penguin	spheniscus	humboldti	Х									
Green Ibis	mesembrinibis	cayennensis										Х
Puna Ibis	plegadis	ridgwayi	Х		Х		Х		Х			
Fasciated Tiger-												\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
heron Black-crowned Night-	tigrisoma	fasciatum										Х
heron	nycticorax	nycticorax					X					
Yellow-crowned												
Night-heron	nycticorax	violacea	Х						<u> </u>			
Cattle Egret	bubulcus	ibis			Х		Х		<u> </u>			
Great Blue Heron	ardea	herodias	Х						<u> </u>			
Cocoi Heron	ardea	cocoi					Χ		<u> </u>			Х
Great Egret	ardea	alba	Х		Х		Х		<u> </u>			Х
Little Blue Heron	egretta	caerulea	Х		Х		Х					
Snowy Egret	egretta	thula	Х		Х		Х					X
Peruvian Pelican	pelecanus	thagus	Х									
Peruvian Booby	sula	variegata	Χ									
Blue-footed Booby	sula	nebouxii	Х									
Red-legged												
Cormorant	phalacrocorax	gaimardi	Х									1
Guanay Cormorant	phalacrocorax	bougainvillioru m	Х									
Neotropic Cormorant	phalacrocorax	brazilianus	Х		Х		Х					Х
Peruvian Thick-												
Knee	burhinus	superciliaris	Х		Х				<u> </u>			1
	I	1	1	Ì	Ì	1			1			
Blackish Oystercatcher	haemotodus	ater	Х									
Oystercatcher American Oystercatcher	haemotopus	ater palliatus	X									

himantopus	mexicanus	X		Х								
pluvialis	squatarola	X										
charadrius	semipalmatus			Х								
charadrius	vociferus	X		Х								
vanellus	resplendens						Χ					
thinocorus	rumicivorus			Х								
numenius	phaeopus	X		Х								
arenaria	interpres	Х										
calidris	virgata	Х										
calidris	alba	Х										
calidris	minutilla	Х		Х								
calidris	melanotos					Χ						
steganopus	tricolor	Х										
phalaropus	lobatus	Х										
actitis	macularius	Х		Χ								
tringa	solitari					Χ						
tringa	semipalmata			Х								
tringa	flavipes	Х		Х								
tringa	melaneleucus			Х		Н						
rhyncops	niger	X										
larus	serranus	Х				Х	Х	Χ	Х			
larus	cirrocephalus	Х		Х								
leucophaeus	modestus	Х										
larus	belcheri	Х										
larus	dominicanus	Х		Х								
larosterna	inca	Х										
megascops	ingens										Х	
megascops	watsonii											×
glaucidium	peruanum		Н									
athena	cunicularia	Х		Х								
	magellanicus					Х						
cathartes	aura	X		Х							Х	Х
cathartes	melambrotus											х
244.4. 665												
coragyps	atratus	Х		Х								Х
sarcoramphus	рара											Х
vultur	gryphus						Χ					
harpagus	bidentatus											Х
accipiter	striatus								Х			
ictinea	plumbea											Х
ripornis	magnirostris				Х							Х
1 .	unicinctus	Х										
parabuteo			1	Х			Х				1	
geranoaetus	poecilochrous			^								
	poecilochrous melanoleucus		Х	X								
geranoaetus			Х				X			X		
	charadrius charadrius vanellus thinocorus numenius arenaria calidris calidris calidris steganopus phalaropus actitis tringa tringa tringa tringa tringa larus larus larus larus larus larus larus candidim athena bubo cathartes cathartes coragyps sarcoramphus vultur harpagus accipiter	pluvialis squatarola charadrius semipalmatus charadrius vociferus vanellus resplendens thinocorus rumicivorus numenius phaeopus arenaria interpres calidris virgata calidris minutilla calidris melanotos steganopus tricolor phalaropus lobatus actitis macularius tringa solitari tringa semipalmata tringa flavipes tringa melaneleucus rhyncops niger larus serranus larus cirrocephalus leucophaeus modestus larus belcheri larus dominicanus larosterna inca megascops watsonii glaucidium peruanum athena cunicularia bubo magellanicus cathartes melambrotus cathartes melambrotus coragyps atratus sarcoramphus papa vultur gryphus harpagus bidentatus accipiter striatus	pluvialis squatarola X charadrius semipalmatus charadrius vociferus X vanellus resplendens thinocorus rumicivorus numenius phaeopus X arenaria interpres X calidris virgata X calidris minutilla X calidris melanotos steganopus tricolor X phalaropus lobatus X actitis macularius X tringa solitari tringa flavipes X tringa flavipes X tringa melaneleucus rhyncops niger X larus serranus X larus cirrocephalus X leucophaeus modestus X larus dominicanus	pluvialis squatarola X charadrius semipalmatus   charadrius vociferus X   vanellus resplendens   thinocorus rumicivorus   numenius phaeopus X   arenaria interpres X   calidris virgata X   calidris alba X   calidris minutilla X   calidris melanotos   steganopus tricolor X   phalaropus lobatus X   actitis macularius X   tringa solitari   tringa flavipes X   tringa melaneleucus   rhyncops niger X   larus serranus X   larus cirrocephalus X   larus dominicanus X   larosterna inca X    megascops megascops magellanicus   cathartes aura X    cathartes melambrotus   cathartes melambrotus   coragyps atratus X   sarcoramphus papa   vultur gryphus   harpagus bidentatus   accipiter striatus	pluvialis squatarola X charadrius semipalmatus X x x x x x x x x x x x x x x x x x x	pluvialis squatarola X	pluvialis squatarola X	pluvialis squatarola X	pluvialis squatarola X	Pluvialis	pluvialis squatarola X	pluvialis squatarola X X X X X X X X X X X X X X X X X X X

Andean Motmot	momotus	aequatorialis			X						X	
Ringed Kingfisher	megaceryle	torquata										Х
Amazon Kingfisher	chloroceryle	amazona									1	Х
Bluish-fronted	and hards										X	
Jacamar Black-fronted Nunbird	galbula	cyanescens									^	\ \ \
Swallow-winged	monasa	nigrifrons										X
Puffbird	chelidoptera	tenebrosa										Х
Cuvier's Toucan	ramphastos	cuvieri										Х
Black-throated Toucanet	aulacorhyncus	atrigularis										Х
Blue-banded Toucanet	aulacorhyncus	coeruleicinctis								Х		
Grey-breasted	1.								\ \ \			
Mountain-toucan Blue-moustached	andigena	hypoglauca							Х			
Barbet	eubucco	versicolor								Х		
Fine-barred Piculet	picumnus	subtilis										Х
Crimson-bellied	anna an hilus	haamatagastan								×		
Woodpecker Crimson-crested	campephilus	haematogaster										
Woodpecker	campephilus	melanoleucos										Х
Crimson-mantled												
Woodpecker	colaptes	riviolii								Х		
Andean Flicker Spot-breasted	calaptes	rupicola					Х		Χ			
Woodpecker	colaptes	punctigula										X
Golden-olive		l s s g s s										
Woodpecker	colaptes	rubiginosus									X	
Black-necked Wodpecker	colaptes	atricollis	X									
Little Woodpecker	veniliornis	passerinus										Х
Red-stained		affin:a										×
Woodpecker Red-throated	venilornis	affinis										_^
Caracara	daptrius	americanus										Х
Mountain Caracara	phalcoboenus	megalopterus					Х					
American Kestrel	falco	sparverius			X	X		Х				
Mountain Parakeet	bolborhyncus	aurifrons		Х								
Cobalt-winged												
Parakeet Speckle-faced	brotogeris	cyanoptera										X
Parrot	pionus	tumultuosus									X	
Blue-headed Parrot	pionus	menstruus										Х
Scaly-naped Amazon	amazona	mercenarius								Х		<del>  ^</del>
Dusky-headed	arrazona	mer centarius			1					<u> </u>		
Parakeet	aratinga	wedellii									1	Х
Scarlet Macaw	ara	macao										Х
Chestnut-fronted Macaw	ara	severus										X
White-eyed Parakeet	psitticara	leucopthalmus									Х	Х
Black-throated												
Antbird	myrmophylax	atrothorax										Х
	epinecrophylla	ornata									X	
Western Ornate	- cpincer opinylia											X
Antwren		erythrura			1	1	1	1			1	$\perp \wedge$
Antwren Rufous-tailed Antwren	epinecrophylla	erythrura										~
Antwren Rufous-tailed Antwren Pygmy Antwren		erythrura brachyura										Х
Antwren Rufous-tailed Antwren	epinecrophylla										X	X

Gray Antwren	myrmotherula	menetriesii										Х
Dusky-throated	,											
Antshrike	thamnomanes	ardesiacus										Х
Bluish-slate Antshrike	thamnomanes	schistogynus										X
Yellow-breasted		3/										
Antwren	herpsilochmus	axillaris					-				X	
Bamboo Antshrike	cymbilaimus	sanctamariae					-					Х
Chestnut-backed Antshrike	thamnophilus	palliatus									X	
Plain-winged	tharmophilius	pailiatus										
Antshrike	thamnophilus	schistaceus										Х
Variable Antshrike	thamnophilus	caerulescens							Х	Х		
Manu Antbird	cercomacra	manu										Х
Yellow-breasted												
Warbling Antbird	hypocnemis	subflava										Х
White-lined Antbird	myrmoborus	lophotes										x
White-browed	my mobol us	lophotes										
Antbird	myrmoborus	leucophrys										Х
White-backed Fire-eye	pyriglena	leuconata									X	
Goeldi's Antbird	akletos	goeldii										Н
Undulated Antpitta	grallaria	squamigera							Н			
Stripe-headed	8											
Antpitta	grallaria	andicolus						Х				
Red-and-white Antpitta	grallaria	erythroleuca							X			
		_							Н			
Trilling Tapaculo White-crowned	scytalopus	parvirostris							П			
Tapaculo	scytolopus	atratus									Н	
Puna Tapaculo	scytalopus	simonsii						Х				
Tawny-throated	, ,											
Leaftosser	sclerurus	mexicanus										Х
Coastal Miner	geositta	peruviana			Х		-					
Greyish Miner	geositta	maritima			Х							
Eastern Olivaceous	-:											
Woodcreeper Wedge-billed	sittasomus	griseicapillus										Х
Woodcreeper	glyphorhynchus	spirurus										Х
Buff-throated												
Woodcreeper	xiphorhynchus	guttatus					-					Х
Olive-backed Woodcreeper	xiphorhynchus	triangularis									Х	
Red-billed Scythebill	campylorhamphu	trochillirostris					1				X	
Montane	- camp/iornamphu	5. 55.11111 550 13					1				<u> </u>	
Woodcreeper	lepidocolaptes	lacrymiger								Χ		
Plain Xenops	xenops	minutus										Х
Streaked Xenops	xenops	rutilans								Χ		
Pale-legged Hornero	furnarius	leucopus										Х
Wren-like Rushbird	phleocryptes	melanops	Х				Х					
Cream-winged												
Cinclodes	cinclodes	albiventris					1	Х	Х			<u> </u>
Surf Cinclodes	cinclodes	taczanowskii	Х				1					$\downarrow \longrightarrow$
Dusky-cheeked Foliage-gleaner	anabazenops	dorsalis									X	Х
Montane Foliage-	апарадепорз	301 34113					1					
gleaner	anabacerthia	striaticollis					1				Χ	
Peruvian	arm da e l											
Recurvebill Rufous-backed	syndactyla	ucayalae					1					Х
Treehunter	thripadectes	scrutator								Х		
	padeecco	J. J		1		<b>!</b>		<b>.</b>	1	 · * `	L	

Chestnut-crowned Foliage-gleaner	automolus	rufipileatus											X
Pearled Treerunner	margarornis	sgaumiger								Х	Х		
rearied freeruillei	sylviorthorhynch	sqauriigei											
Tawny Tit-spinetail	us	yanacensis						Х					
White-browed Tit-													
spinetail Streaked Tit-	leptasthenura	xenothorax						Х					
spinetail	leptasthenura	striata		Х									
Streak-fronted													
Thornbird	phacellodomus	striaticeps					Χ						
Line-fronted Canastero	asthenes	urubambensis						Х					
Junin Canastero	asthenes	virgata						Х					
Streak-throated	ascircites	YII Sucu											
Canastero	asthenes	humilis						Χ					
Puna Thistletail	asthenes	helleri								Χ			
Rusty-fronted Canastero	asthenes	ottoria					X	X	Н				
		ottonis					^	^					
Marcapata Spinetail Creamy-crested	cranioleuca	marcapatae							X				
Spinetail	cranioleuca	albicapilla								Х			
Cactus Canastero	pseudosthenes	cactorum			Х								
Plain-crowned													.,
Spinetail	synallaxis	gujanensis	-							<del> </del>			Χ
Azara's Spinetail	synallaxis	azarae								Н	Х	Н	
Band-Tailed Manakin Round-tailed	pipra	fasciicaluda											Χ
Manakin	ceratopipra	chloromeros											×
Yungas Manakin	chiroxiphia	boliviana										Х	
Barred Fruiteater	pipreola	arcuata								Х			
Band-tailed	p.p. 00									, ,			
Fruiteater	pireola	intermedia								Χ			
Andean Cock-of-the- Rock	rupicola	peruvianus				X						Х	
Red-crested Cotinga	ampelion	rubrocristatus							Х				
Amazonian Umbrellabird												~	
	cephalopterus	ornatus							V			X	
Barred Becard  Many-coloured	pachyramphus	versicolor							Х				
Rush-tyrant	tachuris	rubrigastra	Х				Х						
Ringed Antpipit	corythopis	torquatus											Х
Marble-faced Bristle-													
tyrant Streak-necked	pogonotriccus	opthalmicus										Х	
Flycatcher	mionectes	striaticollis										Х	
Ochre-bellied													
Flycatcher  Mcconnell's	mionectes	oleagineus											Х
Flycatcher	mionectes	macconnellii										Х	
Sepia-capped		amaurocephal											
Flycatcher	leptopogon	us											Х
Slaty-capped Flycatcher	leptopogon	superciliaris									X	X	
Inca Flycatcher	leptopogon	taczanowskii									X		
Fulvous-breasted	iehrohogoii	Caczaliowskii									^		
Flatbill	rhyncocyclus	fulvipectus										Х	
Olive-faced Flatbill	tolmomyias	viridiceps											Х
Scale-crested Pygmy	ĺ	1	1	1		ĺ		ĺ			1	Ī	

						ı							
Flammulated	hemitriccus	flammulatus											X
Bamboo-tyrant White-cheeked	nemitriccus	Hammulatus											^
Tody-flycatcher	poecilotriccus	albifacies											Х
Rusty-fronted	1												\ \ \
Tody-flycatcher Spotted Tody-	poecilotriccus	latirostre											Х
flycatcher	todirostrum	maculatum											X
Eastern Ornate													
Flycatcher	myiotriccus	phoenicurus										Х	
Handsome Flycatcher	nephelomyias	pulcher									Х		
Cinnamon Flycatcher	pyrrhomyias	cinnomomea							Х	Х	Х	Х	
<b>Bolivian Tyrranulet</b>	zimmerius	bolivianus									Х		
Mottle-backed Elaenia	elaenia	gigas										Х	Х
Large Elaenia	elaenia	spectabilis											Х
Sierran Elaenia	elaenia	pallatangae								Х			
White-crested Elaenia	elaenia	albiceps					Χ		Χ			Χ	
Yellow Tyrannulet	capsiempsis	flaveola										Χ	
Tawny-rumped Tyrranulet	phyllomyias	uropygialis							X		X		
White-banded	priyriorryias	ui Opygialis											
Tyrannulet	mecocerculus	stictopterus							Χ	Χ	Χ		
Pied-crested Tit-			_										
tyrant Yellow-billed Tit-	anairetes	reguloides	X	Х									
tyrant	anairetes	flavirostris		X									
Tufted Tit Tyrant	anairetes	parulus							Х				
Torrent Tyrannulet	serpophaga	cinerea				Х							
Unstreaked Tit-													
tyrant Short-tailed Field-	anairetes	agraphia							Х				
tyrant	muscigralla	brevicauda	Х										
Piratic Flycatcher	legatus	leucophaius											X
Great Kiskadee	pitangus	sulphuratus											X
Boat-billed Flycatcher	megarhynchus	pitangua											X
Golden-crowned		chrysocephalu											
Flycatcher	myiodynastes	S										Х	
Sulphur-bellied Flycatcher	myiodynastes	luteiventris											Х
Northern Streaked	Illylodyllastes	luceiveiluis											
Flycatcher	myiodynastes	maculatus										Х	
Social Flycatcher	myiozetetes	similis											Х
Grey-capped													
Flycatcher <b>Lemon-browed</b>	myiozetetes	granadensis											Х
Flycatcher	conopias	cinchoneti										Х	
Tropical Kingbird	tyrannus	melancholicus	Х			Х					Х	Х	Х
Eastern Kingbird	tyrannus	tyrannus											Х
Short-crested													
Flycatcher	myiarchus	ferox											Х
Long-tailed Tyrant	colonia	colonus											Х
Bran-coloured Flycatcher	myiophobus	fasciatus											X
Rufescent	Путорповиз	iusciacus											
Flycatcher	myiophobus	rufescens	Х										
Chest tyrent	ochth a sas	thorasias											
Chat-tyrant Rufous-breasted	ochthoeca	thoracica									Х		
Chat-tyrant	ochthoeca	rufipectoralis							Х	Х			
Brown-backed Chat-	ochthoeca												
tyrant	1	fumicolor	1	1	1	1	1	X	ı	X	ı	1	1

D'orbigny's Chat- tyrant	ochthoeca	oenanthoides						×					
White-browed	Ochchoeca	Genantholdes						^					
Chat-tyrant	ochthoeca	leucophrys					Х						
Vermilion Flycatcher	pyrocephalus	rubinus	Х		Χ								Х
Spot-billed Ground- tyrant	muscisaxicola	maculirostris					X			X			
Taczanowski's	IIIuscisaxicoia	macum osu is					^			^			
Ground-tyrant	muscisaxicola	griseus						X					
Puna Ground-													
tyrant Cinereous Ground-	muscisaxicola	juninensis						Х					
tyrant	muscisaxicola	cinereus						Х					
Red-rumped Bush-													
tyrant Streak-throated Bush-	cnemarchus	erythropygius						Х					
Tyrant	myiotheretes	striaticollis		Х						Х			
Rufous-bellied	,.care. edec												
Bush-tyrant	myiotheretes	fuscorufus								Х			
Black Phoebe	sayornis	nigricans	_			Х						Х	
Olive-sided Flycatcher	contopus	cooperi											Х
Smoke Coloured	conto	fumicatus									_	_	
Pewee Western Wood	contopus	fumigatus									Х	Х	
Pewee	contopus	sordidulus											Х
Eastern Wood Pewee	contopus	virens											Х
Brown-capped Vireo	vireo	leucophrys									Х		
Red-eyed Vireo (both	vina												_
SS)	vireo	olivaceus											Х
White-collared Jay Violaceous Jay	cyanolyca	viridicyana violaceus								X			Х
Purplish Jay	cyanocorax	cyanomelas											X
Inca Jay	cyanocorax											Х	^
Chestnut-collared	cyanocorax	yncas										^	
Swallow	petrochelidon	pyrrhonota			Χ								
Barn Swallow	hirundo	rustica			Χ		Х						
Sand Martin	riparia	riparia					Х						
White-winged Swallow	tachycineta	albiventer											Х
Southern Rough-													,,
winged Swallow Blue-and-white	stelgidopteryx	ruficollis											Х
Swallow	pygochelidon	cyanoleuca	X		Х	Х			Х		Х	Х	X
White-banded	.,,				Ė	Ė							
Swallow	atticora	fasciata											Х
White-thighed Swallow	atticora	tibialis											Х
Brown-bellied Swallow	orochelidon	murina					Х			Х			
Long-billed Gnatwren	ramphocaenus	melanurus											Х
Scaly-breasted	i ampriocaciius	meianui us											
Wren	microcerculus	marginatus											Х
Southern House Wren	troglodytes	musculus	Χ		Х	Х	Х	Н		Х			Х
Mountain Wren	troglodytes	solstitialis							Х				
Grass (Puna) Wren	cistothorus	platensis								Х			
Inca Wren	pheugopedius	eisenmanni				Н			Χ				
Grey-breasted Wood- wren	henicorhina	leucophrys				Х					Х		
White-capped Dipper	cinclus	leucocephalus		Х									
Long-tailed	J												
Mockingbird	mimus	longicaudatus	Х										
Andean Solitaire	myadestes	ralloides		1	1	1			Ì	Н	Х	Н	

White-eared Solitaire	entomodestes	leucotis										×	
Hauxwell's Thrush	turdus	hauxwellii										X	Х
Chiguanco Thrush	turdus	chigauanco		Х	Х	Х	Х	Х		Х	Х		
Great Thrush	turdus	fuscatur						X	Х	X	X		
									^	^	^		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Black-billed Thrush	turdus	ignobilis				-							Х
House Sparrow	passer	domesticus	Х		Х								
Blue-naped Chlorophonia	chlorophonia	cyanea									Х		
Thick-Billed Euphonia	euphonia	laniirostris				Х							
White-lored	еципопіа	Idilli Osti is											
Euphonia	euphonia	chysopasta											Х
Orange-bellied													
Euphonia	euphonia	xanthogaster									Х	Х	Х
Hooded Siskin	spinus	magellanica	Х	Х			Х			Х		Х	
Yellow-browed													
Sparrow Common	ammodramus	aurifrons										Х	
Chlorospingus	chlorospingus	flavopectus									Х		
Short-billed		Пауоросса									-		
Chlorospingus	chlorospingus	parvirostris									Х		
Yellow-throated													
Chlorospingus	chlorospingus	flavigularis										Х	
Pectoral Sparrow	arremon	taciturnus											Х
Rusty-bellied Brush- Finch	atlanatas	nationi		Х									
Black-faced	atlapetes	Hauoni		^									
Brushfinch	atlapetes	melanolaemus								X	Х		
Rufous-collared	•												
Sparrow	zonotrichia	capensis	Х	Х	Х	Х	Х	Х	Χ	Х	Х		
Peruvian Meadowlark	atum alla	bellicosa											
Dusky-green	sturnella	Dellicosa			Х								
Oropendola	psarocolius	atravirens				Х					Х		
Russet-backed	•												
Oropendola	psarocolius	angustifrons									Х	Х	Х
Crested Oropendola	psarocolius	decumanus										Х	Х
Yellow-rumped													
Cacique  Southern Mountain	cacicus	cela											Х
Cacique	cacicus	chrysonotus								Х			
Casqued Cacique	cacicus	oseryi											Х
Shiny Cowbird	molothrus	bonariensis	Х										
Scrub Blackbird													
Yellow-winged	dives	warszewiczi	Х	Х									
Blackbird	agelasticus	thilius					Х						
Tropical Parula	setophaga	pitiayumi									Х		
Peruvian Citrine		pica/aiiii									<u> </u>		
Warbler	myiothlypis	striaticeps							Х	Χ	Х		
Pale-legged													
Warbler	myiothlypis	signatus	1			1					Х		1
Buff-rumped Warbler	myiothlypis	fulvicauda		<u> </u>				<u> </u>					Х
Two-banded Warbler	myjothlynia	hivittatus										X	
Golden-bellied	myiothlypis	bivittatus											
Warbler	myiothlypis	chrysogaster											Х
Three-striped Warbler	basileuterus	tristriatus										Х	
Slate-throated		J	1	1	1	t		<del>                                     </del>				<del>                                     </del>	
Jiace-ci ii Gaced													
Whitestart	myioborus	miniatus				Х					Х	Х	
	myioborus myioborus	miniatus melanocephalu				X			X		X	X	

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Great Inca-finch	incaspiza	pulchra		Х									
Mourning Sierra- finch	phrygilus	fruticeti		X			Х						
Swallow Tanager	tersina	viridis											Х
		caeruleus										Х	X
Purple Honeycreeper	cyanerpes											^	
Blue Dacnis	dacnis	cayana				Х							X
Greyish Saltator	saltator	coerulescens		-									Х
Streaked Saltator	saltator	albicollis	Х										
Buff-throated Saltator Golden-billed	saltator	maximus								Х		Х	
Saltator	saltator	aurantiirostris					Х	Х	Х	Х			
Bananaquit	coereba	flaveola	Х				,			, ,	Х	Х	Х
Blue-Black Grassquit	volatinia	iacarina									\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		X
•		dentata									Х	Х	^
Slaty Tanager Yellow-crested	creurgops	dentata									^	^	
Tanager	islerothraupis	rufiventer											Х
White-winged													
Shrike-tanager	lanio	versicolor											Х
Masked Crimson Tanager	ramphocelus	nigrogularis											X
Silver-beaked Tanager	ramphocelus	carbo									Х	X	X
Yellow-bellied	ramphocelus	Car DO									_	^	^
Seedeater	sporophila	nigricollis										Χ	
Chestnut-bellied Seed-													
finch Chestnut-throated	sporophila	angolensis										Х	
Seedeater	sporophila	telasco	Х										
Drab Hemispingus	pseudospingus	xanthopthalmu							Х	Х			
Collared Warbling-	pseudospingus	Xantrioptriairiu								\ <u>^</u>			
finch	poospiza	hispaniolensis	Χ										
White-browed													
Hemispingus Parodi's	kleinothraupis	auricularis		-					Х				
Hemispingus	kleinothraupis	parodii							Х				
Black-eared													
Hemispingus	sphenopsis	melanotis									Х		
Rust-and-yellow	4h.d- 0-0i0	muficana.							X	X			
Tanager Eye-browed	thylpopsis	ruficeps							^	_			
Hemispingus	thlypopsis	superciliaris		<u>L</u>	<u>L</u>	L	L	L	Х	Х	L	L	
Chestnut-breasted													
Mountain finch	poospizopsis	caesar						Х		Х			
Three-striped Hemispingus	microspingus	trifasciatus								Х			
Capped Conebill	conirostrum	albifrons									Х		
Giant Conebill	conirostrum	binghami						Х					
Blue-backed	COIIII OSUI UITI	ווואוואוווו						^					
Conebill	conirostrum	sitticolor							Χ				
White-browed		ferrugineiventr											
Conebill	conirostrum	е								Х			
Cinereous Conebill	conirostrum	cinereum	Х	Х	Х	Х	Х	Х	Х				
Grassland Yellow- finch	sicalis	luteola	X				X						
Greenish Yellow-finch	sicalis		^				X						
Peruvian Sierra-	SICALIS	olivascens					^						
finch	phrygilus	punensis					Х	Х					
Ash-breasted Sierra-													
finch	geospizopsis	plebejus					Х	Х					
Plumbeous Sierra-finch	phrygilus	unicolor						Х					
Tit-Like Dacnis	xenodacnis	parina						Χ					

White-winged Diuca-finch	chionodacryon	speculiferum						X					
	•	•	\ \ \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	· ·	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	^		\ \ \			
Band-tailed Seedeater Plain-Coloured	catamenia	analis	Х	Х	Х	Χ	Х			Х			
Seedeater	catamenia	inornata								X			
Masked Flowerpiercer	diglossa	cyanea							Х	Х			
Rusty	d161033a	Cyanica							\ <u>`</u>				
Flowerpiercer	diglossa	sittoides				Х	Х						
Moustached													
Flowerpiercer	diglossa	mystacalis						Х		Х			
Black-throated Flowerpiercer	diglossa	brunneiventris						Х	Х	X			
Golden-eyed	digiossa	Di dillielvellu is						^	^-				
Flowerpiercer	diglossopis	glauca									Х		
Bluish Flowerpiercer	diglossopis	caerulescens									Х		
Yellow-throated	8												
Tanager	iridosornis	analis									Х		
Golden-collared										\ \			
Tanager Fawn-breasted	iridosornis	jelskii								Х			
Tanager	pipraeidea	melanonota									Х		
Blue-and-yellow	pipi deided	meianonota											
Tanager	pipraeidea	bonariensis		Х		Х			Х	Х			
Chestnut-bellied		castaneoventri											
Mountain Tanager	dubusia	S							X				
Hooded Mountain	buthraupis	montana							Х	X	Х		
Tanager	•	montana											
Blue-capped Tanager	sporothraupis	cyanocephala							Х	X	Х		
Grass-green Tanager Scarlet-bellied	chlorornis	riefferii								X			
Mountain Tanager	anisognathus	lunulatus							Х	X	Х		-
Orange-eared Tanager	chlorochrysa	calliparaea									Х	Х	
Red-capped Cardinal	paroaria	gularis											Х
Spotted Tanager	tangara	punctata									Х	Х	
Golden-naped Tanager	tangara	ruficervix				Х					Х		
Blue-Grey Tanager	tangara	episcopus	Х			Х					Х	Х	Х
Palm Tanager	tangara	palmarum				Х					Х	Х	Х
Silvery Tanager	tangara	viridicollis				Х							
Blue-Necked Tanager		cyanicollis				X					Х	Х	Х
Beryl-spangled	tangara	Cyanicons				^					^	^	
Tanager	tangara	nigroviridis									Х	Х	
Bay-headed Tanager	tangara	gyrola										Х	
Golden-eared	<u> </u>	G, ··	1										
Tanager	tangara	chrysotis										Х	
Saffron-crowned	4					\ \ \					\ \ \		
Tanager	tangara	xanthocephala				X				-	Х	Х	$\vdash$
Flame-faced Tanager	tangara	parzudakii	1	<u> </u>	<u> </u>	Х	<u> </u>					-	$\vdash$
Green-and-gold Tanager	tangara	shrankii											Х
Golden Tanager	tangara	aurulenta									Х	Х	
Turquoise Tanager	tangara	mexicana								İ			Х
Paradise Tanager		chilensis								1	Х	Х	X
i aradise ranager	tangara	CHIRCHSIS	1	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	1	1	_ ^		