

# Tools for the management of information related to IBAs/KBAs

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Thursday 2<sup>nd</sup> November 2006

From data...

...research...

...data management...

...information and analysis...

...to action



# Supporting Partners' work

Data collection (Worldbirds / WBDB-Outcomes)

Analysis (WBDB-Outcomes / Excel / GIS)

Monitoring (WBDB-Outcomes / Worldbirds)

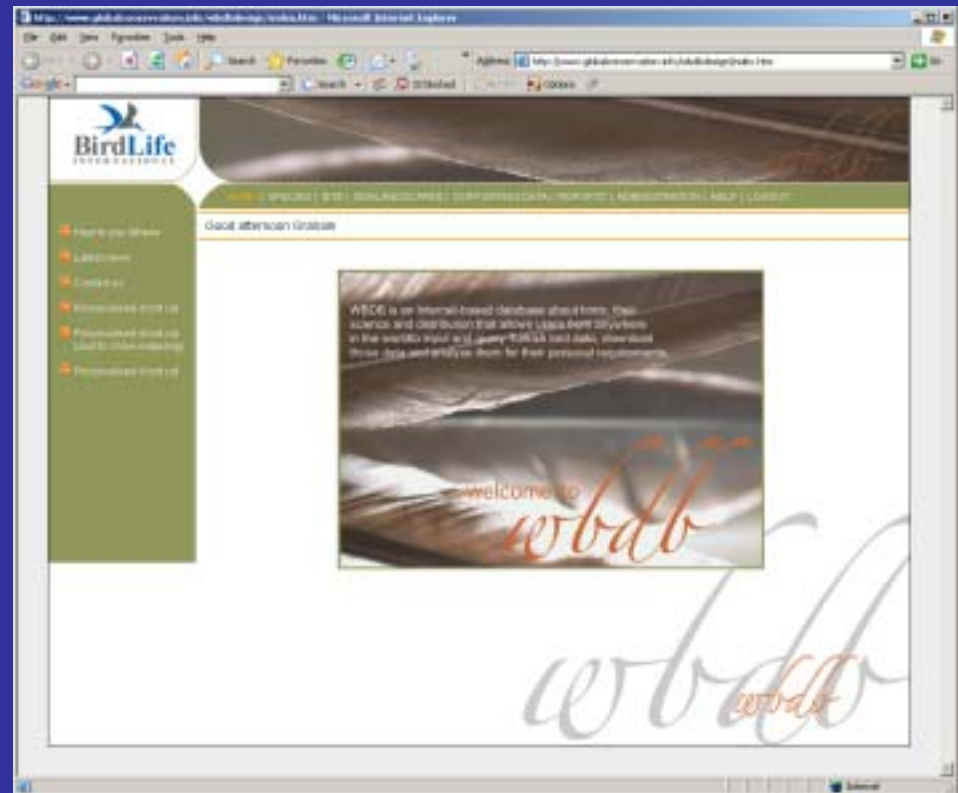
Publication (Data Zone)

Communication (Extranet)

# WBDB-Outcomes

Web based system for management of conservation data, particularly for sites and species, jointly developed and shared by CI and BirdLife

- ✓ Species and Sites module
- ✓ Extensive tabular data
- ✓ Criteria application
- ✓ Monitoring
- ✓ Reports and exports
- ✓ Other taxa
- ✓ Multi-language
- ✓ Links to Worldbirds
- ✓ Standards (IUCN-CMP)
- ✓ Links to Red List and WDPA





- Home
- Welcome
- My details
- Guidance notes
- How to get help

Home | Species | Sites | Supporting data | Reports | Logout

Welcome to the new web-enabled version of the World Bird Database - a tool for the BirdLife Partnership, developed using funds from RSPB, BirdLife Partner in the UK.

This work is now the result of a joint initiative between BirdLife and Conservation International to develop a suite of shared information management tools for use by their respective networks in the management of their conservation related data, notably information on Important Bird Areas, Key Biodiversity Areas and Conservation Outcomes.

Welcome to  
wbdb





Home | Species | Sites | Sea/Landscapes | Supporting data | Reports | Administration | Logout

Sites > Site search

Site filters

Country	<input type="text"/>	IBA status	<input type="text"/>
National name	<input type="text"/>	KBA status	<input type="text"/>
Final code	<input type="text"/>	AZE status	<input type="text"/>
Unique ID	<input type="text"/>		

Search results (up to first 100 matches shown)

	Country	National name	Final code	Unique ID	IBA status	KBA status	AZE status
➔	Colombia	Agua de la Virgen	CO072	14492	confirmed	-	-
➔	Colombia	Alrededores de Popayán		19129	-	-	-
➔	Colombia	Alto de Pisones	CO025	14486	confirmed	-	-
➔	Colombia	Alto Quindío	CO053	14461	proposed	-	-
➔	Colombia	Anchicayá		19115	-	-	-
➔	Colombia	Bahía Málaga		19064	-	-	-
➔	Colombia	Bitaco		19065	-	-	-
➔	Colombia	Bosque de San Antonio/Km 18		19130	-	-	-
➔	Colombia	Bosques de la Falla del Tequendama	CO180	19131	confirmed	-	-



- Site profile
- Details
- Habitat
- Landuse and Ownership
- Protected areas
- Text account
- Threats (archive)
- Biomes and EBAs
- CI Regions
- Contacts
- References

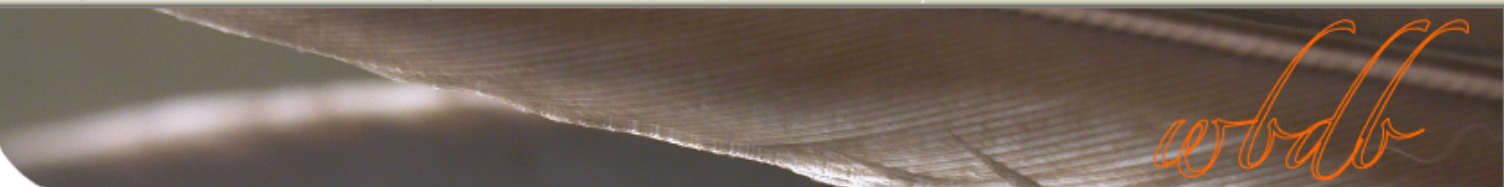
Site profile > Details

Agua de la Virgen

<b>National site name</b>	Agua de la Virgen		
<b>International site name</b>	Agua de la Virgen		
<b>IBA status</b>	confirmed	<b>KBA Status</b>	-
<b>Final code</b>	CO072	<b>National code</b>	-
<b>Country</b>	Colombia		
<b>Subnational region(s)</b>			
<b>Central coordinates</b>	8° 11.89 North 73° 22.47 West	Show location in Google Maps	
<b>Area (ha)</b>	50	<b>Area accuracy</b>	-
<b>Altitude minimum (m)</b>	1600	<b>Altitude maximum (m)</b>	1750
<b>Management plan?</b>		<b>Agreed boundary?</b>	
		<b>Digitised boundary?</b>	

Notes

PS - size. Here, a patch of primary forest has been preserved since 1711 when a woodcutter discovered a purported image of the Virgin Mary in a tree trunk he was felling. A church (Fig. X) was established on the site of the discovery, and in 1906, the occurrence was declared a miracle by Pope Pius X (Rodriguez 1980: see Fig. Y). Hunting and cutting trees have been prohibited for over two centuries. This forest constitutes the best preserved forest in the 2002 study region (see Fig. X). The forest here is primary premontane cloud forest, characterised by strong lateral winds and regular (though not daily) ground-level ground cover. The forest was noteworthy in the large number of Bamboo Carrizo gramineae and lianas present. The canopy was broken, with the highest trees perhaps 20 m high. Our camp and study area was located in secondary forest c. 100 m elevation above the church, and situated just below the western / eastern slope ridge of the Cordillera</P>



Home | Species | Sites | Sea/Landscapes | Supporting data | Reports | Administration | Logout

- Site profile
- Species at site
- Checklist
- Population
- Visit data
- IBA criteria
- KBA criteria

- Action
- Monitoring

Species at site > Checklist

Agua de la Virgen

Scientific name	Common name	Occurrence	Resident	Breeding	Non-breeding	Passage	
<i>Aulacorhynchus haematopygus</i>	Crimson-rumped Toucanet	Native		✓			✎ 🗑
<i>Carduelis spinescens</i>	Andean Siskin	Native		✓			✎ 🗑
<i>Basileuterus cinereicollis</i>	Grey-throated Warbler	Native		✓			✎ 🗑
<i>Atlapetes albobrenatus</i>	Moustached Brush-finch	Native		✓			✎ 🗑
<i>Tangara heinei</i>	Black-capped Tanager	Native		✓			✎ 🗑
<i>Saltator atripennis</i>	Black-winged Saltator	Native		✓			✎ 🗑





# Monitoring

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Monitoring > IBA monitoring



Lake Naivasha

Year of assessment	Threats (pressure)	Condition (state)	Action (response)	
2006	very high	near favourable (Habitat)	high	 

- Pressure (threats)
- State (condition) species/habitat
- Response (action)
- Site Support Groups and their activities




Monitoring > IBA monitoring

Lake Naivasha  



Year of assessment	Threat status score (pressure)	Condition status score (state)	Action status score (response)
2006	not assessed	not assessed	not assessed

Was whole of IBA covered?		State assessed by	unset
Accuracy of information	-	Favourable conservation status?	
Assessment complete?		Completed by	Evans, Mike



Threats to the IBA (pressure)  

Threat level 1	Threat level 2	Timing	Scope	Severity	Result
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General comments on threats (pressure) to the site 

Condition of habitat (state)  


Habitat	Habitat detail	Optimum area (ha)	Actual area (ha)	% remaining	Habitat quality	Result
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Condition of bird populations (state)  

Scientific name	Common name	Optimum population	Actual population	Units	% remaining	Result
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Additional information

General comments on the site's condition (state) 

Conservation actions taken at IBA (response) 

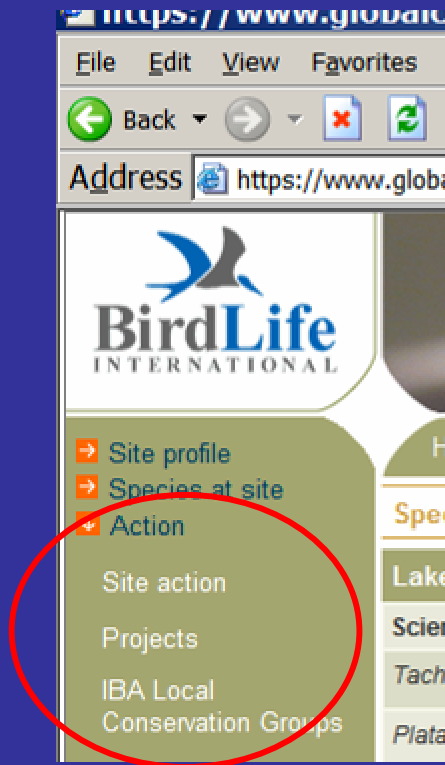
Conservation designation	Management planning	Conservation action	Result
			not assessed 

General comments on action (response) at the site 

- Site profile
- Species at site
- Action
- ↓ Monitoring

IBA monitoring

# Additional functionality



Action

Also modules for Species,  
Sea/Landscapes and  
Supporting data (inc. PAs)

# Worldbirds

Web based system for capturing site-based bird observations

- ✓ Nationally configured and administered
- ✓ Latest news
- ✓ Observations/ checklists
- ✓ Location lists
- ✓ Species lists
- ✓ Mapping and reports
- ✓ Manage own data
- ✓ Download of data
- ✓ Links to WBDB

The screenshot shows the Worldbirds website interface in a Microsoft Internet Explorer browser window. The address bar displays the URL: <http://www.worldbirds.org/v2/latestnews.php>. The page features a header with the title "Kenya Birdfinder" and a navigation menu with links for "My Details", "Contact us", "Off-Line Tool", "Register", "Logout", and "Help".

The main content area is divided into several sections:

- Latest news:** A red button labeled "Latest news" is visible on the left sidebar.
- Visits highlights:** A section titled "Visits highlights" with the subtitle "The ten most recent visits submitted". It includes a table with columns for Location, Date, Observer, and Info.
- Species highlights:** A section titled "Species highlights" with the subtitle "The twenty most recent new or unusual bird observations (highly sensitive records are excluded)". It includes a table with columns for Species, Location, Date, Observer, and Info.

The "Visits highlights" table contains the following data:

Location	Date	Observer	Info
Nairobi Arboretum, Nairobi	25-Oct-2006	WWDw	Info
Kandisi, Kiiserman	24-Oct-2006	Odno	Info
Kandisi, Kiiserman	21-Oct-2006	Odno	Info
Karen Country Club, Nairobi	21-Oct-2006	honeyguide_sk	Info
Kandisi, Kiiserman	20-Oct-2006	Odno	Info
Olkaria Forest, Nairobi	18-Oct-2006	WWDw	Info
Gotumaiyu Forest, Kiimende	15-Oct-2006	Sunday Birdwalk	Info
Hotel stern, Kiisi	15-Oct-2006	Odno	Info
Kandisi Dam, Rongai	12-Oct-2006	Odno	Info
Nairobi Museum, NMK, Nairobi	12-Oct-2006	TMBOWA	Info

The "Species highlights" table contains the following data:

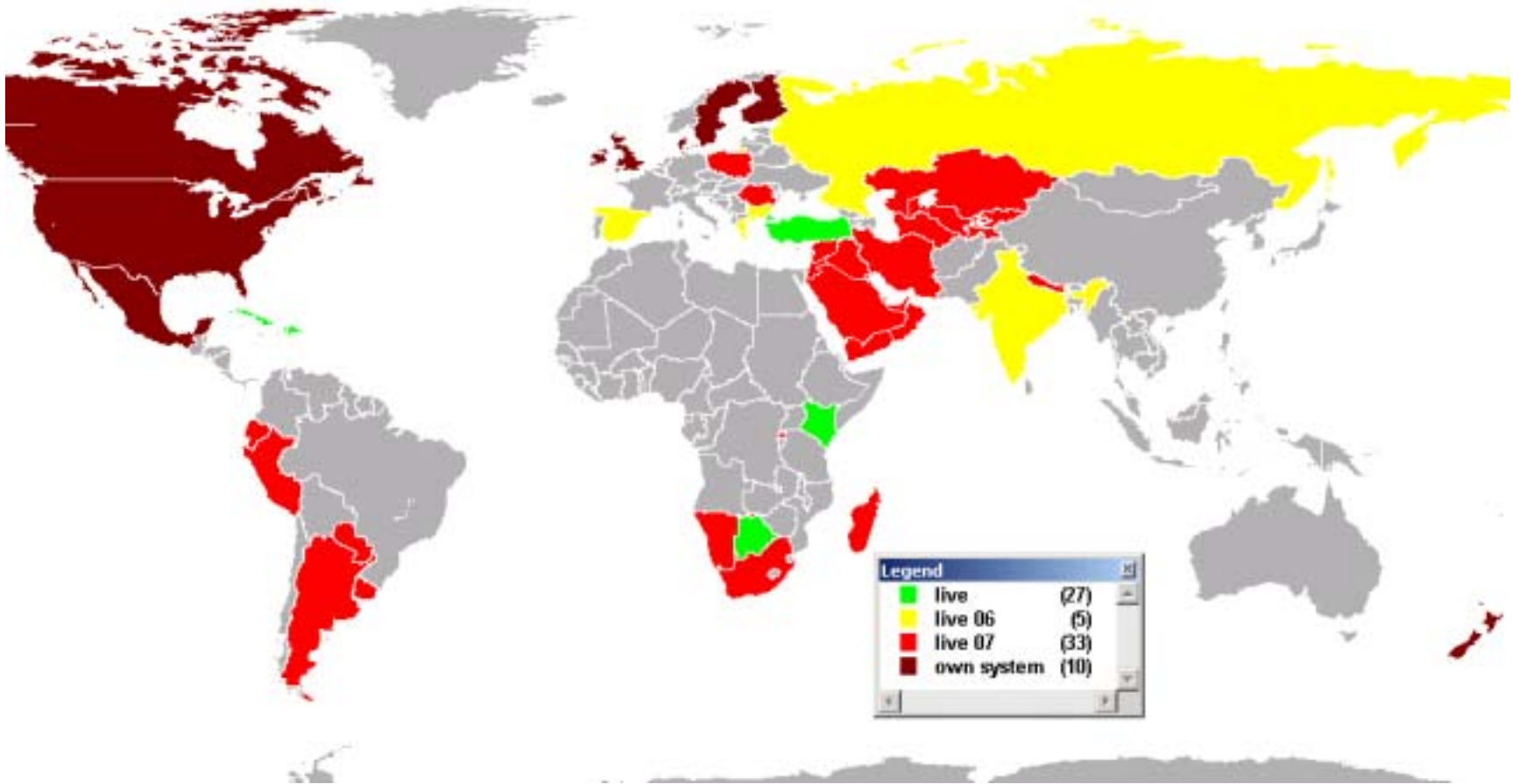
Species	Location	Date	Observer	Info
Fischer's Lovebird	Kandisi, Kiiserman	29-Oct-2006	Odno	Info
Tree-headed Sparrow	Kandisi, Kiiserman	28-Oct-2006	Odno	Info
Tree-headed Sparrow	Hotel stern, Kiisi	15-Oct-2006	Odno	Info
Black-billed Oriole	Gotumaiyu Forest, Kiimende	15-Oct-2006	Sunday Birdwalk	Info
Madagascar Parula-warbler	Nairobi National Park/IBA	03-Oct-2006	chege	Info
Puffin Hammer	Nairobi National Park/IBA	03-Oct-2006	chege	Info
Northern Whitebeak	Masai Mara National Reserve	26-Sep-2006	honeyguide_sk	Info
Red-billed Tropicbird	Masai Mara National Reserve	26-Sep-2006	honeyguide_sk	Info

# Worldbirds

- As its core will empower our citizen science networks through getting people involved and building capacity within each participating country
- Encourage the collection of new data in a more systematic and repeatable way, especially in IBAs
- Provides a starting point for developing monitoring schemes for sites and species
- Future development will include Marine Worldbirds, other taxa, common bird monitoring and an image bank



# Worldbirds - future implementations

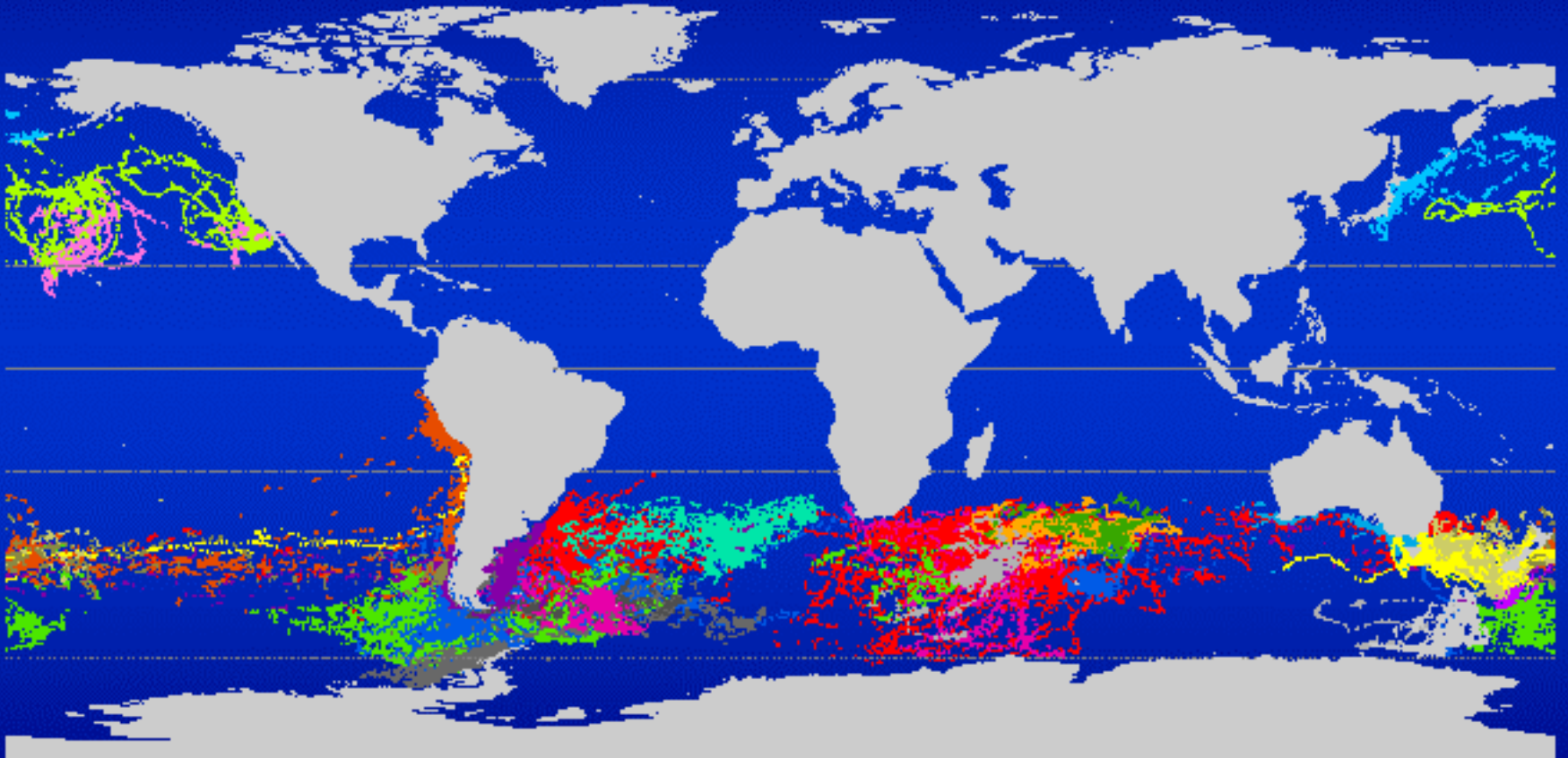


# GIS and spatial visualisation tools

- Standard GIS for desk-top delineation of boundary
- On-line tool for delineation of IBAs (with USGS)
- Spatial visualisation tools
  - Google Earth
  - NASA's Worldwind



# Albatross and petrel satellite tracking



Albatross and petrel satellite tracking locations in the BirdLife Global Procellariiform Tracking Database

# Data Zone

This part of the website is driven by a simplified version of the WBDB, and provides access to...

Species factsheets

Site (IBA) factsheets

Endemic Bird Area factsheets

... and links between them.



# Species

Some 10,000 factsheets



## Yellow-eared Parrot - BirdLife Species Factsheet

**CR** Yellow-eared Parrot - *Ognorhynchus icterotis*

**2008 IUCN Red List Category** (as evaluated by BirdLife International - the official Red List authority for birds for IUCN): **Critically Endangered**

**Justification** This species is Critically Endangered because the known range (especially the nesting area) is extremely small, suitable habitat is severely fragmented throughout its historical range and continues to be lost and degraded. Conservation action is addressing some of the key threats but the future of this species remains extremely uncertain.

**Family/Sub-family** Pittidae

**Species name author** (Nelson & Sorensen, 1974)

**Taxonomic source(s)** SACCB (2008), Daley and Moore (1996, 1997), Dale et al. (1998)

**Identification** AC on. Plaque-like, yellowish-green parrot. Green with large yellow ear patches and frontal band, green breast and predominantly yellow underparts. Dark, heavy bill. **Similar spp.** Red-fronted Parrot (*Aratinga canicularis*) is smaller and lacks yellow on sides of head. Golden-plumed Parrot (*Leucopygia leucostriata*) has much less yellow on sides of head and a smaller, paler bill. Yellow Erythra, green-like calls.

Population estimate    Population trend    Range estimate (Breeding/Resident)    Country codes

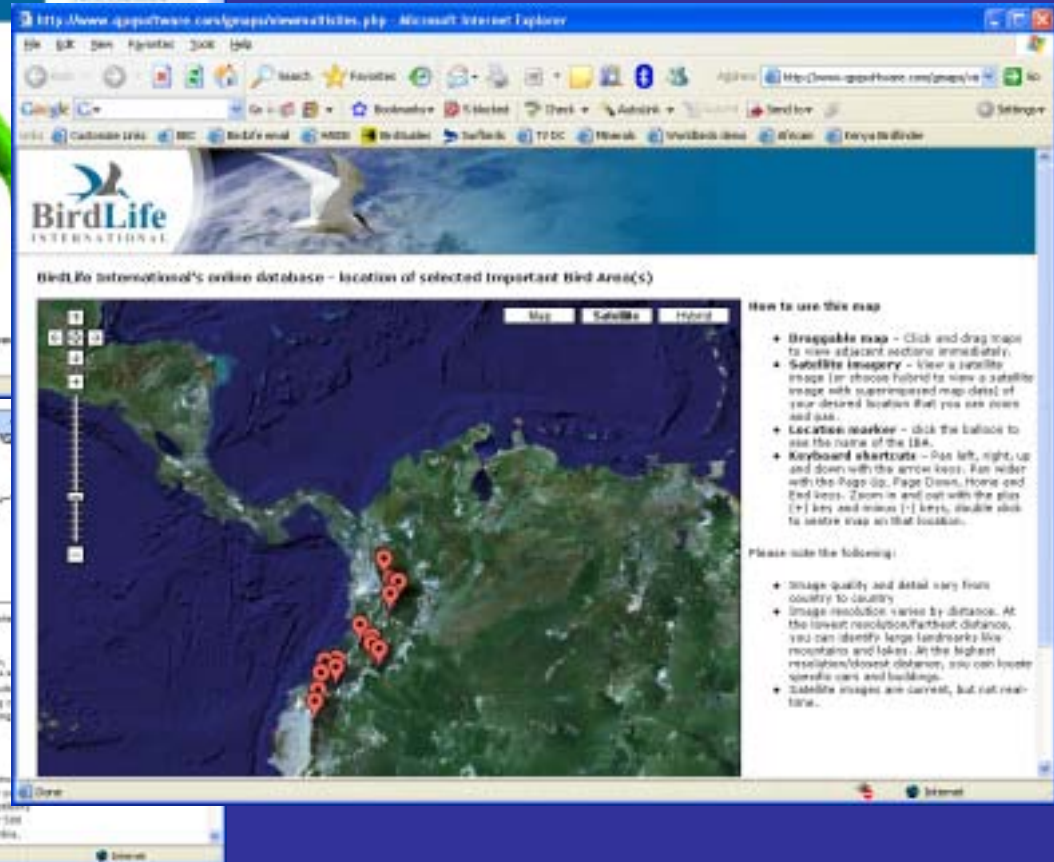
**Range & population** *Ognorhynchus icterotis* formerly occurred in all three Andean ranges of Colombia, from Norte de Santander and Antioquia to Cauca and in north-west Ecuador, south to Cotacachi. It persists in the Central Andes of Colombia (1-2), although its whereabouts for much of the year is unknown. It was once common to abundant, but is now extinct in Ecuador and there are just 244 birds in 3-4 flocks in Colombia.



**Important Bird Areas** Click here to view map showing IBAs where records are recorded, including sites where the species does not yet have any IBA status.

**Example 1** In this forest remnant (small forest, with forest and partially cleared forest) at 2,200-2,400 m, favourable areas dominated by wax palm (*Coccothrinax purpurascens*), in which it roosts, nests and feeds. Although currently residents at one site, other flocks roosted occasionally in nearby forest (Jardín), both feeding/roosting flocks of Cassin's, Olive-backed, Red-capped and Cassin's spp. (1997). Ten breeding pairs in April-September were noted at one site (1997). Breeding pairs under the help of 'broodholders' during chick-rearing stage.

**Threats** It has suffered considerable habitat loss and fragmentation (70-93% of montane forest in Colombia throughout its range). However, several variable areas of habitat remain within its historic range, suggesting additional areas of habitat. The pair's mortality is increasing and they suffer recruitment because of the loss of young trees, and logging in adjacent areas increases their susceptibility to disease. The pair's mortality is increasing and they suffer recruitment because of the loss of young trees, and logging in adjacent areas increases their susceptibility to disease. The pair's mortality is increasing and they suffer recruitment because of the loss of young trees, and logging in adjacent areas increases their susceptibility to disease.



## BirdLife International's online database - location of selected important Bird Area(s)



**How to use this map**

- **Draggable map** - Click and drag mouse to view adjacent sections immediately.
- **Satellite imagery** - View a satellite image (or choose hybrid to view a satellite image with superimposed map detail) of your selected location that you can zoom and pan.
- **Location marker** - click the balloon to see the name of the IBA.
- **Keyboard shortcuts** - Pan left, right, up and down with the arrow keys. Pan wider with the Page Up, Page Down, Home and End keys. Zoom in and out with the plus (+) key and minus (-) keys, double click to centre map on that location.

Please note the following:

- Image quality and detail vary from country to country.
- Image resolution varies by distance. At the lowest resolution/farthest distance, you can identify large landmarks like mountains and lakes. At the highest resolution/closest distance, you can locate specific cars and buildings.
- Satellite images are current, but not real-time.



# Sites

Bosque de Polyleps de Madrid (Important Bird Area of Iberia) - Microsoft Internet Explorer

Address: http://www.birdlife.org/ibafactsheet/...

**BirdLife International**

**BirdLife IBA Factsheet**

**BO004 Bosque de Polyleps de Madrid**

**Country/Territory:** Bolivia

**Administrative region(s):** La Paz

**Central coordinates:** 09° 2' West, 64° 05' South

**Area:** 9800 ha

**Altitude:** 2800-4800m

**Criteria:** A1, A2, A3

**Site description:** Se encuentra en la parte suroccidental del Parque Nacional y Área Interoceánica Madidi, hacia el noroeste con la república del Perú y el sur con el Área e Interoceánica Apolobambá. Esta zona se encuentra entre las 1.300 y 4.800 m, y posee este sitio es muy difícil debido a la proximidad de los ríos que sirven a la zona algunos poblaciones locales como Puno y Itatia. En esta IBA se encuentran las conformaciones propiamente por Polyleps rorarius (IBANAF 2003, Pyle & Eric distribución en Bolivia se limita al noroeste de los Andes. Entre los tipos, el tipo de Polyleps, está distribuido en fragmentos, los cuales se encuentran cercanos en entornos. La copa y parte de especies efímeras y la apertura de pastos para el actividades importantes, así como la extracción de madera. La protección de la zona SONAP, instituciones como Wildlife Conservation Society (WCS) y Conservación provincia en esta Área Protegida.

**Birds:** Durante un estudio breve, Valdez (2000) registró a 10 especies de aves, una información importante. No se tiene más información con respecto a la composición.

Si embargo, es muy posible que albergue otras especies altamente asociadas a él y el programa Bosque de Polyleps de la Asociación Aménica investiga este sitio.

Species	Status	Year	Obs	Max
Hooded Tinamou ( <i>Cathartes nigripennis</i> )	resident	2003	0	0
Jacobin Cuckoo ( <i>Vidua jacobina</i> )	resident	2003	0	0
Great Zink ( <i>Zenaidura macroura</i> )	resident	2003	0	0
Savanna Sparrow ( <i>Scolecophagus phainopepla</i> )	resident	2003	0	0
Ash-breasted Tanager ( <i>Tanagra atriceps</i> )	resident	2003	0	0
Pink-browed Tyrannulet ( <i>Tyrannuletta infans</i> )	resident	2003	0	0
White-breasted Woodcreeper ( <i>Aphelocoma albigularis</i> )	resident	2003	0	0
Chimney's Chat-tanager ( <i>Cathartes atriceps</i> )	resident	2003	0	0
Pink-browed Tanager ( <i>Tanagra atriceps</i> )	resident	2003	0	0
Royal Tanager ( <i>Tanagra atriceps</i> )	resident	2003	0	0
Two-colored Tanager ( <i>Tanagra atriceps</i> )	resident	2003	0	0
Black-headed Cuckoo ( <i>Cathartes atriceps</i> )	resident	2003	0	0

http://www.gpssoftware.com/gpschieweite.php?aid=143620&lat=-14.360053&lon=-69.628447&loc=Bosque - Microsoft Internet Explorer

Address: http://www.gpssoftware.com/gpschieweite.php?aid=143620&lat=-14.360053&lon=-69.628447&loc=Bosque

**BirdLife International**

**BirdLife International's online database - location of selected important Bird Area(s)**

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# Supporting work on Sites

- WBDB-Outcomes for management and monitoring (subject of training on Fri.)
- Worldbirds for observations and monitoring
- GIS tools for mapping
- Data Zone for presentation



# Various IBA related applications

