Checklist of the birds of

Aruba, Curaçao and Bonaire
South Caribbean

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Dedicated to the memory of Professor Dr K.H. Voous

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“Inside the crater the wood becomes a real lush tropical forest. ... In the densest undergrowth, in places where there are many moss-covered stones, we meet the ‘partridge’, the large ground dove Geotrygon mystacea, which is not at all shy. ... I am deeply impressed when one comes flying noiselessly between the trunks as a spectral bird and settles on the forest floor quite close to me, watching me like a chicken and moving off like a woodcock, zigzagging between the trees, low over the ground all the time.”

These are Karel Voous’s diary notes on his visit to the crater of The Quill Mountain on the Dutch Caribbean island of St. Eustatius, written on 23 February 1952. The words illustrate the degree to which this renowned ornithologist was emotionally moved by birds.

Voous was born in Amsterdam and was interested in birds from early childhood. After taking his PhD at the University of Amsterdam, he was asked by the Government of the Netherlands Antilles to spend eight months in the islands, to form a study collection and to describe the bird world of this outlying part of the Kingdom of the Netherlands. He performed this assignment with excellent success. With his wife Henny Voous-Luiting he worked in the islands from September 1951 to April 1952. His study resulted in a popular bird guide (De vogels van de Nederlandse Antillen, 1955) and in two extensive scientific texts (The Birds of St. Martin, Saba, and St. Eustatius, 1955 and The Birds of Aruba, Curacao and Bonaire, 1957). The months in the Caribbean Islands have certainly been among the happiest of his life. The friends he made at this time remained friends for life. They offered the Voouses hospitality and shared their knowledge of the local ornithology. On the other hand, he was appalled by the indiscriminate bird hunting and egg collecting and by the lack of conservation generally. He did much to improve the situation in this respect.

In 1955, Voous was appointed professor of zoogeography at the Free University, Amsterdam. Quite unobtrusively but also decidedly he expected to be called by his title of ‘professor’ and soon the word became a kind of alternative Christian name under which he was known throughout the Dutch ornithological community. Also one of the offices he performed was editor of Ardea, a post he occupied for almost thirty years, from 1962 to 1991.

Professor Voous returned to the islands as often as his busy career and his rather frail health permitted, visiting them again in 1961, 1977, 1979 and 1989. Antillean ornithology was always one of his chief interests. From 1951 until the end of his life he meticulously assembled and filed all information he received from local correspondents and visiting Dutch birdwatchers. During half a century he consolidated a mass of information which might have remained unutilized and ultimately lost in amateurs' notebooks. These files form the backbone of this updated checklist, appearing just over 25 years after Voous's last book on the ornithology of the Netherlands Antilles. We honour him as the father of Dutch Antillean ornithology.
We present an updated checklist of the birds of the islands of Aruba, Curaçao and Bonaire, and the islets of Klein Curaçao and Klein Bonaire, southern Caribbean, and compare this with earlier checklists (K.H. Vouw, Stud. Fauna Curaçao Carib. Isl. 7: 1–260, 1957; Ardea 53: 205–234, 1965; Birds of the Netherlands Antilles, 1983). The avifaunal composition of the three main islands is relatively similar (similarity coefficients of 74–78% for residents and 65–73% for migrants) whereas the two islets are, or were in the past, inhabited mainly by sea birds. The total number of recorded resident species for these islands has increased from 115 (1957) to 168 (2006), and of migrants from 117 (1957) to 236 (2006). This increase was most prominent for the island of Aruba (residents from 34 to 56, migrants from 28 to 166), and least for Curaçao (residents from 42 to 57, migrants from 55 to 168). Historically Klein Curaçao was an important nesting site for seabirds, i.e. boobies, gulls and terns, but mining of guano in the 19th century significantly lowered the ornithological value of the islet. Klein Bonaire suffered heavily from the presence of goats but is slowly recovering following their removal and the islet’s inclusion.

Despite the presence of a large number of migrants, or non-breeding birds, the islands are of limited importance as a stop-over site for birds. Migrants arrive from both the north (boreal migrants from North and Middle America) and the south (austral migrants from South America). We illustrate the phenology of migration with the numbers of migrant warblers species and migrant gulls and terns, and the abundance of migrant raptors recorded on the three islands. While migrants can be observed in all months of the year, for the warblers and raptors there are clear peaks in boreal spring (Mar–Apr) and autumn (Oct–Nov), with few summering birds in the boreal summer. The gulls and terns appear to be present in more or less equal numbers during all months of the year.

About two-thirds of the breeding residents are either deemed common or rather common, and this proportion is consistent for all three islands. Of the breeding residents few are common or very common on one island, and at the same time scarce or very scarce on other islands. Notable exceptions are Greater Flamingo *Phoenicopterus ruber* that is an abundant breeding resident on Bonaire, a regular non-breeding visitor (with several attempts of breeding) in the low hundreds on Curaçao, but is only an irregular non-breeding visitor on Aruba. Yellow Oriole *Icterus nigrogularis* is common as a breeding resident on Curaçao, rather common on Bonaire, but scarce on Aruba.

The islands are home to six globally threatened or near-threatened species. Two species, the Caribbean Coot *Fulica caribaea* and the Yellow-shouldered Parrot *Amazona barbadensis* are represented by globally significant populations, whereas the other species (Piping Plover *Charadrius melodus*, Olive-sided Flycatcher *Contopus cooperi*, Cerulean Warbler *Dendroica cerulea* and Golden-winged Warbler *Vermivora chrysoptera*) use the islands as over-wintering or stop-over site during migration. The Yellow-shouldered Parrot is found mainly on Bonaire, where there is a resident population of some 400 birds; small numbers are occasionally observed on Aruba and these may comprise migrant birds from Venezuela’s Paraguaná Peninsula or may represent released birds. The Caribbean Coot is present on all three islands and its status on the islands has improved, with more breeding sites occupied and more birds...
INTRODUCTION

Formerly the islands of Aruba, Curaçao and Bonaire, and their satellite islets Klein Curaçao and Klein Bonaire, all situated north of Venezuela, belonged to the Netherlands Antilles, forming part of the Kingdom of the Netherlands. The Netherlands Antilles furthermore comprised the islands of Sint Eustatius, Saba and the southern half of the island of Sint Maarten / St Martin, located southeast of the Virgin Islands. Once a colony of the Netherlands, in 1954 the status of the Netherlands Antilles was changed from a colonial territory to part of the Kingdom of the Netherlands as a separate country. The island of Aruba was part of the Netherlands Antilles until 1986, when it was granted status aparte, becoming yet another part of the Kingdom of the Netherlands as a separate country. In the near future the southern part of Sint Maarten will be granted a similar status aparte as Aruba. Bonaire, Saba, and Sint Eustatius will become special municipalities of the Netherlands. For Curaçao negotiations are under way dealing with the future constitutional structure as an autonomous country that has at least the same status aparte as Aruba. When these constitutional changes are realized, the name Netherlands Antilles will no longer indicate any kind of political unity. For ease of reference we use the term ‘Netherlands Antilles’ to refer to the islands of Aruba, Curaçao and Bonaire collectively. The use of this term does not in any way imply an expression of opinion on the part of the authors as to the socio-political situation in the southern Caribbean.

The islands were ‘discovered’ by Alonso de Ojeda in 1499, and colonised by the Netherlands in the 17th century. With a minimum distance of c. 30 km Aruba is situated nearest to the South American mainland whereas this increases to 70 km for Curaçao, and to 87 km for Bonaire (Fig. 1).

Ornithologically the islands are best known because of the work of the late Professor Karel H. Voous who published extensively on the avifauna of the islands, although the first research on the islands’ avifauna dates back to 1892 (Hartert 1893). Voous’s 1955 publication was one of the first scientific regional checklists of the Caribbean region and with its updates (Voous 1957, 1965b, 1983; see also Spaans 1974) has been a standard work ever since.


Ornithologically the islands are present than in Voous’s time. From a conservation perspective, a significant breeding population of Greater Flamingo on Bonaire and a smaller population on Curaçao are noteworthy as well as a breeding colony of Least Tern Sema antillarum on Klein Bonaire. On the basis of the presence of these threatened and conservation-dependent species we identify fifteen Important Bird Areas, i.e. four on Aruba, five on Curaçao and six (including Klein Bonaire) on Bonaire.

Key words: Caribbean, conservation, systematics, taxonomy, zoogeography

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Quite a few of the data that have been published remain hidden in the grey literature, often published in Dutch, again hampering the accessibility of these newly acquired data.

Since the early 1980s the Netherlands Antilles have seen a boom in tourism, facilitating many birders that make stop-overs on the islands. Not only did this result in an increase of our knowledge on the avifauna of the islands, but it also increased the need for an accurate and up to date checklist of the region. At the same time, the increase in tourism, and more general the increase in economic activities, has led to significant changes in land-use having its effect on the status of birds (Prins & Nijman 2005, Nijman et al. in press).

Combining all this, we considered the production of a new and updated checklist warranted. In 2001 the ZMA initiated a project aimed assembling, sorting, checking and scrutinising all records of the birds in the Netherlands Antilles. The aim of the present paper is to (1) provide an accurate list of species that occur on the three islands, including Dutch and Papiamentu names, (2) assess the increase of residents and migrants recorded on the three islands, (3) report on the changes in abundance and residential status in particular in reference to Voous’ findings, (4) report on the Important Bird Areas (sensu BirdLife) on the islands.

We first present our analysis of the data and secondly, we present the systematic checklist. In illustrating changes in species composition and analysing abundances of species, we focus on taxa for which we had most accurate and quantitative data, and we highlight taxa of conservation significance.

METHODS

Study area

Our study area comprises the islands of Aruba, Curaçao and Bonaire and their satellites. Aruba lies 75 km west of Curaçao and c. 30 km north of Venezuela’s Paraguaná Peninsula. Its surface area is approximately 190 km² and its highest point is the 189 m Jamanota.
hill. Rainfall averages 426 mm/year and the vegetation is typically xerophytic. Landscapes are dominated by sparse low scrub growth and the flora numbers 303 species (Stoffers 1981, de Freitas 1996, de Freitas & Rojer 2000). Curacao, the largest of the three islands, has an area of 444 km² and receives an average rainfall of 567 mm/year. The island’s highest point is the 375 m Mt. Christoffel situated in the northern hilly part. The island has dense secondary woodlands and its flora numbers 491 species (Beers et al. 1997). Klein Curacao lies c. 8 km southeast of Curacao, is sparsely vegetated and measures a mere 1.3 km². Bonaire lies 75 km east of Curacao and 87 km north of Venezuela. Its surface is approximately 288 km² and its highest point is the 241 m Brandaris hill. Rainfall averages 504 mm/year and the vegetation is xerophytic. There are large tracts of dense scrubland (3–4 m high) and evergreen woodlands, especially on the northern half of the island (de Freitas et al. 2005). The flora numbers 353 species (de Freitas & Rojer 2000). The island of Klein Bonaire, just off the westcoast of Bonaire measures c. 6 km². Once covered in large trees it became severely degraded by the grazing of goats such that it is now covered mainly in dense shrubland.

While at present the islands are largely devoid of tall trees, in the past all three main islands have been at least partially covered in forest. The pre-colonization history of the Netherlands Antilles is poorly known, but the archaeological evidence indicates the presence of permanent settlements in Aruba at around 1100 BP (Versteeg & Rostain 1997). In their accounts, Amerigo Vespucci and Alonso de Ojeda in the late 15th and early 16th century mention the islands along the coast of Venezuela where most trees are of brazilwood Haematoxyton brasiletto. Versteeg & Ruiz (1995) give an account of the forests on Aruba. Since the arrival of Europeans, rapid growth of the population, felling of wood for private use and commerce, land cultivation and introduction of domestic animals have seriously affected the environment of the islands (Klosowska et al. 2004), and have led to a serious decrease in the amount of forested land. Klosowska et al. (2004), on the basis of sediment cores collected from Curacao, demonstrate that since the establishment of permanent human settlements at around 1100 BP, watersheds have undergone intensive deforestation, especially during the European colonization at the beginning of the 16th century (Terpstra 1948, Beers et al. 1997). The presence of a high abundance of charred plant remains in two sediment cores dated at 900–1100 BP and 500 BP respectively, representing land clearance by forest burning, indicates that land clearance by burning must have been a common practice by the newly arrived South American settlers. Deforestation resulting from agriculture and construction caused increased erosion.

The islets of Klein Curacao and Klein Bonaire also have seen a dramatic change in their vegetation cover. Klein Curacao must once have been an important breeding site for seabirds but especially in the 19th century the harvesting of their phosphorus deposits (guano from the birds) left a barren island with a restricted value for bird life. At present few trees are found apart from some coconut palms Cocos nucifera, although a rehabilitation programme is underway to establish a new natural vegetation. Nowadays Klein Bonaire is covered in shrub and bushy vegetation, and the odd lagoon, but photographs from the past show that much more tall trees were present (and indeed in the 1930s it was a breeding site of e.g. White-tailed Hawk Buteo albicudatus; Rutten 1931) but also that the impact of hundreds of goats roaming the island has left little of the lower vegetation untouched. At present Klein Bonaire is part of the protected area network, and goats are no longer present, allowing the vegetation to recover.

Data acquisition
Our primary source of information for the checklist consisted of data we collected on the Netherlands Antilles during the last decade. We conducted field-work on the islands in 1997–1998 (Aruba: JHR), 2005–2006 (Curacao, Bonaire, Klein Bonaire: VN), whereas AOD grew up on Curacao where he has been actively engaged with native wildlife since his youth and employed as a resident biologist since 1989. During this period several students from the ZMA have conducted fieldwork in the islands; we used their unpublished reports for bird records. Secondly, the archives of Prof. K.H. Vouss and Frater Candidus van der Linden (both stored at the ZMA) were searched for data on the birds and their environments. FCL was resident on the island of Bonaire from 1967 to 1995, while KHV visited the islands on several occasions between 1951 and 1989.

Thirdly, we obtained information on the birds of the Netherlands Antilles stored in various museums, partially through a search of their online databases, viz. American Museum of Natural History, New York (AMNH), Academy of Natural Sciences, Philadelphi (ANSP), Cornell University Museum of Vertebrates, Ithaca (CU), Field Museum Natural History, Chicago (FMNH), National Museum of Natural History/Naturalis, Leiden (RMNH), United States Natural Museum/Smithsonian Institution, Washington (USNM), and Zoological Museum Amsterdam (ZMA) (Table 1).
There is no taxonomic facility in the Netherlands Antilles, so for many years specimens have been sent to the ZMA. In addition we solicited data from the British Museum of Natural History, which houses the world’s largest bird collection, but since the collection is not yet databased it was not possible to retrieve these data (M. Adams in litt.).

Fourthly, information on the birds of the Netherlands Antilles was solicited from observers and ornithologists that had visited the islands in recent years. Lastly, we conducted an extensive literature search, including unpublished (web-based) bird reports so as to obtain the relevant information.

For our species list we followed the systematic arrangement of Howard & Moore (Dickinson 2003). The geographical limits for seabirds included in the checklist are latitudes 11°45’–12°30’N and longitudes 68°00’–70°30’W. Some records of seabirds just outside this range have been included when they add significantly to the status information within the Netherlands Antilles. Their inclusion, however, does not pretend to be exhaustive. Furthermore, especially for seabirds it was not always possible to pinpoint their exact location, making it difficult to judge nearest to which island they were observed. Throughout the species accounts, islands and islets have been treated in a west-to-east order, viz. Aruba, Curaçao (including Klein Curaçao), Bonaire (including Klein Bonaire).

All existing reports of birds from the islands were scrutinised. Highly unlikely observations were discarded, whereas the less doubtful records were evaluated after additional data had been obtained from the observer. Searching the internet we did come across a number of sites that provided species lists for the different islands, including, occasionally, species not mentioned in our list. If additional details could be obtained by the webmaster these were considered for inclusion, if not, they were discarded.

For the older records, i.e. before 1983, we largely relied on Voous (1983) and Voous (1985). Records after 1983 were evaluated by us and by Voous, up until his death in 2002. Feral species are included once they have established themselves as a breeding population.

**Analysis**

We calculated measurements of similarity for the three islands for residents and migrants separately. We used Baroni-Urbani and Buser Coefficients (Krebs 1999):

\[
S_B = \frac{\sqrt{a + c}}{\sqrt{a + b + c}},
\]

where \( S_B \) = Baroni-Urbani and Buser similarity coefficient, \( a = \) number of species on island A and island B (joint occurrences), \( b = \) number of species on island A but not on B, \( c = \) number of species on island B but not on A, and \( d = \) number of species absent in A and B but otherwise present in the islands under study.

So as to obtain a greater insight in the migration of raptors over the islands, we scrutinised the (unpublished) travel diaries (11 in all) of K.H. Voous, and compiled a database of raptors for the islands (J. Booij, unpubl. data). Between 1951 and 1989 Voous visited the Netherlands Antilles six times for ornithological research; in all he spent 234 days in the field (Aruba, 32 field days; Curaçao, 106 field days; Bonaire, 96 field days). Biogeography, comparative ecology and systematics of raptors were Voous’s main research themes (7/13 of his PhD students obtained their degree on studies on birds of prey), and he published copiously on these subjects. While in the field in the Antilles, he meticulously recorded all occurrences of raptors on a daily basis. We converted these entries to a quantitative database. Only days in which Voous had spent the larger part of the day in the field were included. When numbers of raptors were not explicitly quantified, remarks such as ‘a pair’ (‘een paar’), ‘several’ (‘verschillende’ or ‘diverse’), and ‘a many’ (‘steeds’, ‘heel wat’) were converted to numbers according to a fixed scheme. Following Voous (1983) all raptors that did not have a breeding population on the island are considered migrants. Given the close geographical proximity and comparable relative abundance of the species on the islands, data from the three islands were pooled to increase sample sizes for individual months and to increase the generality of our conclusions. Encounter rates during one month were tested against the encounter rate of the other months combined, with expected values generated based on a uniform temporal distribution corrected for observer effort.

**Table 1.** Number of specimens (number of species) from Aruba, Curaçao and Bonaire stored in seven zoological museums (see text for abbreviations).

<table>
<thead>
<tr>
<th>Collection</th>
<th>Aruba (including Klein Curaçao)</th>
<th>Curacao (including Klein Curacao)</th>
<th>Bonaire (including Klein Bonaire)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMNH</td>
<td>50 (27)</td>
<td>123 (25)</td>
<td>59 (25)</td>
</tr>
<tr>
<td>ANSP</td>
<td>7 (4)</td>
<td>3 (2)</td>
<td>0 (0)</td>
</tr>
<tr>
<td>CU</td>
<td>0 (0)</td>
<td>0 (0)</td>
<td>0 (0)</td>
</tr>
<tr>
<td>FMNH</td>
<td>237 (54)</td>
<td>160 (22)</td>
<td>135 (24)</td>
</tr>
<tr>
<td>RMNH</td>
<td>43 (23)</td>
<td>45 (22)</td>
<td>64 (30)</td>
</tr>
<tr>
<td>USNM</td>
<td>4 (4)</td>
<td>77 (21)</td>
<td>86 (19)</td>
</tr>
<tr>
<td>ZMA</td>
<td>225 (65)</td>
<td>1025 (138)</td>
<td>480 (100)</td>
</tr>
</tbody>
</table>
RESULTS AND DISCUSSION

Species richness and similarities between islands

We have documented 280 species, 54 of which are resident on the islands, 208 are migrants, and in addition 18 species have resident and migrant populations. The number of residents differs little between the three main islands, with 56 species occurring on Aruba, 57 species on Curaçao, and 55 species on Bonaire. Likewise, the number of migrants (including those species that also have resident populations) differs little between the three main islands, i.e. 168 species occurring on Curaçao, 166 species on Aruba and 167 species on Bonaire.

Similarity is largest between Curaçao and Bonaire, with a similarity coefficient of 0.78 for residents and 0.73 for migrants (Table 2). Ten residents and 57 migrants are found on Curaçao but not on Bonaire, and 8 residents and 36 migrants that occur on Bonaire are not found on Curaçao. Next is Aruba and Bonaire with a similarity coefficient of 0.75 for residents and 0.67 for migrants. Eleven residents and 44 migrants are found on Aruba but not on Bonaire, and 10 residents and 45 migrants that occur on Bonaire are not found on Aruba. The similarity between Aruba and Curaçao is least. They have a similarity coefficient of 0.74 for residents and 0.65 for migrants. Ten residents and 46 migrants are found on Aruba but not on Curaçao, and 11 residents and 48 migrants that occur on Curaçao are not found on Aruba. Curaçao is the most forested island and Aruba is the least forested island. The difference in aridity, secondary forest cover and plant diversity is great and probably contributes to the large difference in species composition.

The number of species recorded from the three islands has increased significantly over time (Fig. 2). In 1892, Hartert (1893) recorded a mere 38–40 species for each of the three islands, whereas there has been a steady increase ever since (Cory 1909, Rutten 1931, Voous 1955, 1957, 1965b, 1983, 1985). Differences in birding activities in the 1950s initially led to an increase in Bonaire only and later efforts in the 1960s resulted in an increase in species recorded for Curaçao and Aruba as well. The data also suggest that there has not been a decrease in the number of new species recorded over time, and that we can expect significantly more species to be recorded in the coming years.

Breeding residents

The abundance of breeding birds in terms of number of species that are judged to be ‘abundant’, ‘common’, etc. differs little between the three islands (Table 3). Very few species are deemed abundant breeding residents, and those that are, are the same for the three islands. The exception is Greater Flamingo Phoenicopterus ruber that is an abundant breeding resident on Bonaire, an irregular non-breeding visitor on Aruba and a regular non-breeding visitor (with several attempts of breeding) in the low hundreds on Curaçao. Most breeding residents, about two-thirds, were deemed common or rather common and only a few species were considered scarce or very scarce breeding resident.

Interesting are those species that are common breeding residents in one island but, albeit present, far less common on another. Crested Caracara Caracara cheriway e.g. is considered a common breeding resident on Curaçao but a scarce breeding resident in Aruba and Bonaire. A similar pattern is present in the Yellow Oriole Icterus nigrogularis which as a breeding resident is a common on Curaçao, rather common on Bonaire, but scarce on Aruba.

A similar pattern as observed in the Greater Flamingo is observed in the Scaly-naped Pigeon Columba squamosa. It is a rather common breeding resident on Bonaire, but a scarce breeding resident on Curaçao and, although formerly breeding on Aruba is
now not longer breeding on the island. Conversely, Laughing Gull *Larus atricilla* is a common breeding resident on Aruba but few breed on Curaçao or Bonaire. Rufous-collared Sparrow *Zonotrichia capensis* is common as a breeding bird on Curaçao, rather common on Aruba, but is no longer present on Bonaire, despite having been introduced in the 1950s. Similarly, Least Grebe *Tachybaptus dominicus* is a rather common breeding bird on Aruba and Curaçao but is a scarce breeding resident on Bonaire.

**Migrant birds**

Migration between North and South America roughly follows three distinct flyways (e.g. Zalles & Bildstein 2000). Many birds, particularly those breeding in western North America, migrate overland between North America and South America via the Mesoamerican Land Corridor. A second, less pronounced migration route follows the eastern arc of Caribbean islands, from Florida in the north to Trinidad and Tobago in the south. Mainly from recovery of ringed birds we know that others, including many that breed in eastern North America, migrate across the Caribbean Sea, including routes that follow the Florida-Cuba-Yucatan Peninsula (Santana & Temple 1987). Considering that the number of species recorded in the autumn migration period was considerable higher, with more individuals recorded, than in spring (but see Fig. 3), Voous (1957: 29) noted that spring migration “has up to now hardly been noticed” and later (Voous 1983: 24) that spring migration “is not very apparent in The Netherlands Antilles”.

On the islands 30 species of Parulidae have been recorded, one of which, Yellow Warbler *Dendroica petechia*, is resident. The other 29 species are migrants from North America, observed in the Netherlands Antilles during the winter months (Fig. 4). Small numbers of a few species such as Black-and-white Warbler *Mniotilta varia* and Common Yellowthroat *Geothlypis trichas* have also been observed during summer. The overall number of migrant warbler species is greatest in Oct–Nov with 25 species. Most species of warblers have been recorded on Bonaire (with 20 species in Nov alone), and decidedly less on Curaçao (just 12 species in Nov), probably because birding activity is lower there and birds are more concentrated than on Aruba and Bonaire. On Curaçao the number of species recorded during the return migration (Feb–Apr) is lower than that of the other two islands. Compared to the Venezuelan Paraguaná Peninsula (Bosque & Lentino 1987) more species have been recorded on the Netherlands Antilles. Considering the very small numbers observed in the Paraguaná Peninsula it is remarkable that there a higher number of warblers is recorded during the spring migration.

**Table 3.** Status of breeding residents in the Netherlands Antilles (see status in the systematic list), showing that roughly an equal number of species fall in the different abundance classes on the different islands.

<table>
<thead>
<tr>
<th>Breeding status</th>
<th>Aruba</th>
<th>Curaçao</th>
<th>Bonaire</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abundant</td>
<td>2</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Common</td>
<td>14</td>
<td>15</td>
<td>13</td>
</tr>
<tr>
<td>Rather common</td>
<td>15</td>
<td>16</td>
<td>13</td>
</tr>
<tr>
<td>Rather scarce</td>
<td>9</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>Scarce</td>
<td>3</td>
<td>6</td>
<td>8</td>
</tr>
<tr>
<td>Very scarce</td>
<td>0</td>
<td>1</td>
<td>3</td>
</tr>
</tbody>
</table>

**Figure 3.** Number of migrants by month (including those species for which both resident and migrant species have been recorded on the islands).

**Figure 4.** Migrant warblers recorded in the Netherlands Antilles; presented are the number of species recorded for each of the individual islands.
To date 26 species of gulls, terns (including noddies and skimmers) and skuas have been recorded in the Netherlands Antilles. Eight species also have breeding populations on the islands (1 gull, 7 terns on Aruba; 1 gull and 2 terns on Curaçao, 1 gull and 4 terns on Bonaire) that are augmented by migrants from surrounding areas. These migrants are observed during all months of the year, without any clear temporal pattern, or if anything a small lull in the winter months (Fig. 5). Most species have been recorded on and surrounding Aruba, where especially during spring and summer twice as many species can be found as on Bonaire and Curaçao.

Detailed studies on raptor migration based on visual counts in the Netherlands Antilles and indeed other parts of the Caribbean region are limited (cf. Rodriguez Santana et al. 2003), and few data are available on the spatial and temporal variation in the abundance of migrant raptors (cf. Nijman et al. 2005). The Netherlands Antilles do not appear to form part of any of the main migratory flyways (Voous 1983, Nijman et al. 2005).

Based on Voous’s diaries the resident Crested Caracara (184 records), American Kestrel Falco sparverius (133), and White-tailed Hawk (65) were recorded by Voous in all months, as was the migrant Osprey Pandion haliaetus (124). Migrant Merlin Falco columbarius (15) and Peregrine Falcon Falco peregrinus (14) were recorded mostly in March and November (Fig. 6). Only a single Yellow-headed Caracara Milvago chimachima was observed in January. On average, 0.71 migrant raptors per day were seen, with monthly averages varying between 0–1.20 individuals/day (Fig. 6). Migrants were mostly recorded in March, October and November, and least in January, July and August.

Inspection of Fig. 6 suggests that the spring migration covers a 3 to 4-months period, when based on daily encounter rates some 65 migrants can be observed. The autumn migration occurs over a shorter time period, i.e. 2–3 months, during which some 80 migrants can be observed.

Encounter rates (individuals/day) of the three migrant species have increased between 1951–1961 and 1977–1989 (Table 4). This trend was significant for the Osprey, largely due to an increased abundance in March ($\chi^2 = 5.82; df = 1; P < 0.025$). For both peak migration months encounter rates of migrants were significantly higher in 1977–1989 than in 1951–1961 (March: $\chi^2 = 7.27$, $df = 1$, $P < 0.01$; October: $\chi^2 = 4.06$, $df = 1$, $P < 0.05$). In contrast to the migrants, encounter rates of resident species decreased, significantly so for the Crested Caracara and American Kestrel (Table 4). Whether or not this decrease continued in more recent times is open for further research but cursorial observations on Curaçao at least suggest that the Crested Caracara shows an increase in numbers.

Four distinct phases can be recognized for raptor migration on the Leeward Islands of the Netherlands Antilles, i.e. a sharp peak in October–November when migrants pass the islands on their southward journey, followed by a lull in December–January with a small number of over-wintering birds. A second peak, consisting of birds returning to their breeding grounds, is observed in February–March. During boreal summer, only few migrants remain in the islands, largely, and between May and September exclusively Ospreys.
Conservation-dependent species

Six globally threatened and near-threatened species of birds have been recorded in the Netherlands Antilles, two of them are represented by resident populations, breeding on the islands; the remainder are migrants from North America or the Caribbean region. Of the two resident species, the Yellow-shouldered Parrot *Amazona barbadensis* and the Caribbean Coot *Fulica caribaea*, significant populations are found in the Netherlands Antilles: the former especially on Bonaire (Collar et al. 1992), the latter on all three islands (Nijman et al. 2008). From the small number of threatened migrants recorded in the Netherlands Antilles we have to conclude that it is unlikely that they represent a significant wintering area. On the other hand, by their very nature, the threatened migrants easily evade observation, and this has been exacerbated by the low observer coverage, especially during the winter months.

Apart from the Netherlands Antilles, the Yellow-shouldered Parrot occurs in a few disjunct areas along the northern coastlands of Venezuela and on the Venezuelan islands of Margarita and La Blanquilla (Rodriguez-Ferraro & Sanz 2007, Sanz & Grajal 1998). Especially in Venezuela, where there is a strong internal pet market, the species is widely exploited for trade, and this, combined with its small population size, justifies it being considered Vulnerable according to IUCN threat criteria (Collar et al. 1992, IUCN 2006).

Numbers on the mainland seem generally low, whereas those on La Blanquilla and Margarita have declined considerably, albeit that the population on the latter island is now being augmented by captive-bred birds (Sanz & Grajal 1998). Within the Netherlands Antilles, the largest population, and the only one that is with certainty not comprised of released birds only, is found on Bonaire, and numbers some 400 birds. On Aruba, Yellow-shouldered Parrot might have gone extinct in the late 1940s but since then singles, pairs and small parties have been observed irregularly. Some of these refer with certainty to released or escaped cage birds, but others may originate from the Paraguaná Peninsula (30 km to the southwest), where a small population of 30–40 birds remains (Collar et al. 1992). Whether or not the Yellow-shouldered Parrot historically was present on Curaçao is difficult to assess – the island’s position in relation to Bonaire, Aruba, the Paraguaná Peninsula and indeed mainland Venezuela suggest it did – but in recent years the species is consistently recorded in small numbers doubtlessly partly consisting of escaped cage birds. In all, the population of Yellow-shouldered Parrot in the islands represents a significant proportion of the global total, and hence is of global conservation importance.

The Caribbean Coot (Vulnerable; Nijman et al. 2008) has suffered a marked decline throughout the Caribbean as a result of hunting pressures, habitat degradation and introduced predators, and has become extirpated as a breeding bird on some islands in the region (Frost & Massiah 2001, McNair & Cramer-Burke 2006, Nijman et al. 2008). Formerly it used to be uncommon in Aruba, Curaçao and Bonaire, breeding only when sufficient surface water was available (Voous 1983). However, since the 1980s the species has become more numerous on all three islands, and can now be observed in the hundreds (Prins & Nijman 2005, Prins et al. 2005). Both because of this increase, and given its precarious situation on many of the Caribbean islands, the population in the Netherlands Antilles is of significant global importance.

Three globally threatened songbirds and one threatened wader have been recorded as migrant in the Netherlands Antilles, i.e. the Olive-sided Flycatcher *Contopus cooperi* (Near-Threatened), the Cerulean Warbler *Dendroica cerulea* (Vulnerable), the Golden-winged Warbler *Vermivora chrysoptera* (Near-Threatened) and

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**Table 4.** Encounter rates (birds/day) with migrant and resident raptors in the Netherlands Antilles, between 1951 and 1989 based on the travel diaries of K.H. Voous.

<table>
<thead>
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<tbody>
<tr>
<td>Merlin <em>Falco columbarius</em></td>
<td>migrant</td>
<td>0.10</td>
<td>0.18</td>
<td>-</td>
</tr>
<tr>
<td>Peregrine Falcon <em>Falco peregrinus</em></td>
<td>migrant</td>
<td>0.02</td>
<td>0.12</td>
<td>-</td>
</tr>
<tr>
<td>Osprey <em>Pandion haliaetus</em></td>
<td>migrant</td>
<td>0.56</td>
<td>1.10</td>
<td>0.05</td>
</tr>
<tr>
<td>Crested Caracara <em>Caracara cheriway</em></td>
<td>resident</td>
<td>0.91</td>
<td>0.61</td>
<td>0.05</td>
</tr>
<tr>
<td>White-tailed Hawk <em>Buteo albicaudatus</em></td>
<td>resident</td>
<td>0.33</td>
<td>0.21</td>
<td>n.s.</td>
</tr>
<tr>
<td>American Kestrel <em>Falco sparverius</em></td>
<td>resident*</td>
<td>0.68</td>
<td>0.40</td>
<td>0.01</td>
</tr>
</tbody>
</table>

*P*-values are based on χ²-tests; *Falco sparverius* resident only on Ar and Cu.
the Piping Plover *Charadrius melodus* (Vulnerable). The Olive-sided Flycatcher has faced population declines throughout its range. Habitat loss and alteration of forest management practices in its breeding grounds do not appear to explain this observed decline, and it has been suggested that loss or alteration of habitat in the wintering grounds may affect populations negatively. Olive-sided Flycatcher has been recorded on Bonaire in small numbers, confirmation of the species' presence on Curacao or Aruba is pending. Despite perhaps being overlooked, these islands do not appear important wintering area. Likewise for the Cerulean Warbler, the Netherlands Antilles do not appear to be an important wintering area, as it is recorded in small numbers on Bonaire only. Furthermore, the species is threatened primarily due to continuing habitat loss and fragmentation on its breeding grounds, although conversion of forest in its wintering areas may have contributed to its decline (BirdLife 2000). The Golden-winged Warbler has seen a decline in parts of its breeding range, but an increase in others (BirdLife 2000). Local declines correlate with advancing succession and reforestation, and the invasive range expansion of Blue-winged Warbler *Vermivora pinus* (Confer 1992). Loss of forest edge and open woodland on its wintering grounds, is another possible cause of its population decline. The species has been recorded only once on Bonaire, which argues against the idea that the islands are important wintering area.

Of the Piping Plover *Charadrius melodus* some 6500 birds remain on their breeding grounds in North America, where the main threats are drought, inappropriate water and beach management, and disturbance (BirdLife 2000). The species uses the sandy beaches and tidal mudflats of Bonaire during the wintering period, but given the limited number of observations, it is difficult to assess how important the island is as a wintering area.

While the Greater Flamingo is not globally threatened, the breeding populations on especially Bonaire are large enough to be of global conservation importance. Intriguingly, Ruten (1931) observed no flamingos on the Pekelmeer (noting however, that they did breed there) but several hundreds were observed on Lake Goto on Bonaire. None were observed on Aruba and Curacao. In the mid 1940s, after being disturbed by a plane and speedboat, for several years the flamingos no longer bred on Pekelmeer. In the 1950s the population had recovered to some 1000 pairs, and stragglers were reported from Curacao and Aruba (Rooth 1965). At present some 5000 pairs breed on Pekelmeer, and several hundreds can be found on Lake Goto (Ligon 2006). Flamingos are occasionally observed on Aruba, but on Curacao a population of over a hundred birds is present year-round, with (unsuccessful) breeding attempts in three locations in recent years.

**Important Bird Areas**

BirdLife (e.g. Heath & Evans 2000) recognises so-called Important Bird Areas (IBA) as sites that are of international importance for bird conservation. IBAs are defined as sites that (A1) regularly hold significant numbers of a globally threatened species, or species of global conservation concern (Critically Endangered, Endangered, Vulnerable, Near-Threatened, and Conservation Dependent species, but also species that are listed as Data Deficient: IUCN 2006). Other criteria for the status of IBA are (A2) that a site holds a significant number of a species that occurs only in a restricted range, or (A3) a biome-restricted species, or (A4) that a site is known to hold, on a regular basis, >1% of a global or biogeographic population of a congregatory waterbird or seabird species.

Following the criteria A1 and A4 for IBAs as outlined in Heath & Evans (2000: 11–19), Nijman (2007) identified nine IBAs for Aruba, Curacao, and Bonaire, some of which, in addition to birds, have important populations of endemic snails, butterflies, freshwater fish, mammals, reptiles, and sea turtles (Husson 1960, van Marken Lichtenbelt *et al.* 1993, Debrot & Pors 1995, Debrot 2003, Miller *et al.* 2003, Hulsman *et al.* 2008, Moolenbeek, unpubl. data). Since then, an inventory has been published of the IBAs in Aruba, Curacao and Bonaire (Wege & Anadón 2008), increasing the number of IBAs in the islands to fifteen (Fig. 7).

On Aruba there are four IBAs (del Nevo 2008): Bubali Bird Sanctuary (Mlodinow 2004, 2006), Tierra del Sol Salina, Oranjestad Reef Islands and San Nicolas Bay Reef Keys (van Halewijn *et al.* 1984, van Halewijn 1985, 1990). Bubali, a former saltpan, fed by a sewage treatment plant, and now turned into a freshwater marshland, is important for global bird conservation, because of the presence of the Vulnerable Caribbean Coot *Fulica caribaea* (Nijman *et al.* 2008) and the biome-restricted Bare-eyed Pigeon *Columba corensis*. Also in Tierra del Sol Salina the Caribbean Coot and the Bare-eyed Pigeon occur. In addition this site shows a rich diversity of ducks, herons and other waterbirds. The Oranjestad Reef Islands are significant for their breeding terns, primarily the northern South American subspecies of the Sandwich Tern *Sternia sandvicensis eurygnatha*. The San Nicolas Bay Reef Keys, off the southwest coast of Aruba, are critically important on account of the presence of large breeding colonies of
Sandwich Tern (up to 3500 nests), Sooty Tern Sterna fuscata (3200 nests), Roseate Tern Sterna dougallii (100 nests), Common Tern Sterna hirundo (100 nests), Least Tern Sterna antillarum (100 nests), and Bridled Tern Sterna anaethetus (100 nests).

Curaçao harbours five IBAs (Debrot & Wells 2008): North-east Curaçao parks and coast, Malpais-St Michiel (Anonymous 1989), Dam Muizenberg, Jan Thiel Lagoon and the islet of Klein Curaçao. North-east Curaçao Parks and coast includes Christoffel National Park, named after the highest hill on the island, which holds a significant list of bird species among which are the Bare-eyed Pigeon and the restricted range Caribbean Elaenia Elaenia martinica. In addition, some 500 Least Terns breed on the coast of the area. The IBA status of both Malpais-St Michiel and Muizenberg is based on the presence of tens to hundreds of Caribbean Coot (Prins et al. 2005), and also because of the regular occurrence of hundreds of Greater Flamingo. The shrubland of Malpais-St Michiel is important for the Caribbean Elaenia and Bare-eyed Pigeon. The rather small wetland of Klein Hofje, adjacent to the sewage treatment facility at the head of Piscadera Bay, though not listed as an IBA, harbours regularly a small breeding population of the Bare-eyed Pigeon.

**Figure 7.** Important Bird Areas of Aruba, Curaçao and Bonaire, Netherlands Antilles (from BirdLife International 2008).
population of the Caribbean Coot. It may be considered a valuable link in the chain of breeding places for the species. Many other waterbirds are also regularly observed there. Jan Thiel Lagoon is an area of outstanding natural beauty, and harbours large numbers of bird species, including a substantial population of (non-breeding) Greater Flamingos. Unfortunately, given the regular disturbance caused by tourists and recreationists (A. Brijder, unpubl. data), as well as the sub-optimal conditions of the lagoon for boosting large populations of brine flies and brine shrimps, it may not be expected that flamingos will start to breed in the area. The lagoon is nesting habitat to 75 pairs of Common Tern and variably (e.g. in 1996) more than 100 pairs of Least Tern (Debrot et al. 2009), though recently the numbers have been smaller. With adequate protection even the formerly numerous Sandwich Tern (Ansingh et al. 1960) might return to nest here again. Klein Curaçao is significant for its breeding population of Least Tern, 286 of which nested in 2002. Historically, far greater numbers of terns bred at the islet, including Sandwich Terns (Junge & Voous 1955).

Bonaire boasts the largest number of IBAs in the Netherlands Antilles, six in all (Wells & Debrot 2008): Washington-Slagbaai National Park, Dos Pos, Washikemba-Fontein-Onima, Klein Bonaire, Lac Bay and Pekelmeer Saltworks. Washington-Slagbaai National Park, including Lake Goto, and a northeastern extension towards the village of Rincon, is an IBA because of the presence of a significant population of the Vulnerable Yellow-shouldered Parrot (Collar et al. 1992) and the Caribbean Coot (Nijman et al. 2008). The restricted range species Caribbean Elaenia and Pearly-eyed Thrasher *Margarops fuscatus* both breed at the site and also significant populations of the Greater Flamingo (Rooth 1965), Sandwich Tern and Least Tern. Dos Pos is important for its population of the Vulnerable Yellow-shouldered Parrot. In winter, c. 40% of the island’s parrots roost in the IBA. Bare-eyed Pigeon, Caribbean Elaenia and Pearly-eyed Thrasher all occur at this site. Nearby Washikemba-Fontein-Onima is considered an IBA through the presence of a breeding population of Caribbean Coot. However, because of poor maintenance of Dam Onima water leaks away, leading to desiccation of the lake during the end of the dry season, thus reducing the value of the IBA. The islet of Klein Bonaire qualifies as an IBA on account of the presence of a breeding colony of around 200 Least Tern (Wells & Child Wells 2006, Wells & Debrot 2008). Also Bare-eyed Pigeon and Caribbean Elaenia are found here. Lac Bay on the south-east side of Bonaire is a documented roost site for Yellow-shouldered Parrot. Numbers of Greater Flamingo occasionally exceed 200, and the IBA supports good numbers of breeding and wintering shorebirds, breeding herons and breeding Least Terns. In the south of Bonaire, the Pekelmeer harbours a breeding colony of thousands of the Greater Flamingo, the largest in the Caribbean (Rooth 1965, Collar et al. 1992). The surrounding larger saltworks area further harbours some 180 nesting pairs of Least Tern, 30 pairs of Common tern, 85 pairs of Royal Tern and 85 pairs of Sandwich Tern (Debrot et al. 2009). The irregular presence of the Vulnerable Piping Plover adds to the value of the IBA.
Plate 1. Map of Aruba, Curaçao and Bonaire. Indicated are locations of photographs, referring to plate numbers.
Plate 2. Professor K.H. Voous and his wife on Bonaire, 1951. (Photographer unknown)

Plate 3. Lake Goto, kibrahachas. (Photo G. van Buurt)

Plate 4. Salt Co saltpans. (Photo G. van Buurt)
Plate 5. Rood Lamoenchi. (Photo A. Debrot)

Plate 6. Arisk National Park, Cuncu Ariskok. (Photo G. van Buurt)
Plate 7. San Nicolas Bay Reef Keys. (Photo A. Debrot)

Plate 8. Hill near Alto Vista, Mt. Arikok on background. (Photo A. Debrot)

Plate 9. Boca Prins. (Photo B. Denneman/Vogelbescherming)
Plate 10. Arikok National Park, tonalite rocks. (Photo B. Denneman/Vogelbescherming)

Plate 11. Savaneta. (Photo S. Mlodinow)
Plate 12. Tierra del Sol. (Photo S. Mlodinow)

Plate 13. Bubali. (Photo A. Debrot)
Plate 14. View of western Curacao countryside, with Ascención country house. (Photo G. van Buurt)

Plate 15. Hato area, limestone terrace. (Photo A. Debrot)
Plate 16. Isla Makuaku, Magnificent Frigatebirds. (Photo G. van Buurt)

Plate 17. Limestone terrace near Daaibooii. (Photo A. Debrot)

Plate 18. Isla Makuaku. (Photo G. van Buurt)
Names of species
The scientific and English names and the sequence of species are with a single exception identical to those given in Dickinson (2003), The Howard & Moore Complete Checklist of the Birds of the World – third edition. The genus *Piranga*, placed under Genera Incertae Sedis in Dickinson (2003), is incorporated in the Thraupidae (C.S. Roselaar, pers. comm.). The Dutch names (Du) are those given in Walters (1997). Common local names are included as follows: Ar denotes Papiamento as spoken on Aruba, Cu denotes Papiamuntu as spoken on Curaçao, and Bo denotes Papiamen as spoken on Bonaire. Local names were coined for species without names in the native Papiamentu by borrowing from Dutch, English or Venezuelan Spanish common names, so as to provide a complete list of local names for lay use in the future. When scientific names differ from those mentioned in Voous (1983), the old name is given as a synonym. The cut-off date for including new data is 31 December 2006. An exception has been made for species recorded for the first time in the islands after that date.

Range
The range covers the distribution of the entire species. For migratory species the winter area is outlined. When relevant, additional information is given for occurrence of the species on the mainland of northern South America, e.g. Colombia and Venezuela. The indication ‘Middle America’ is understood to include Mexico. ‘Central America’ comprises Guatemala to Panama. The geographical limits for seabirds included in the checklist are latitudes 11°45’–12°30’ N and longitudes 68°00’–70°30’ W. Occasionally additional breeding information is given for seabirds.

Habitat
The habitat description applies to the species range and not only to its range in the Netherlands Antilles.

Status
The status of a species is given for each island separately except when it is the same for all three islands. In such cases it is indicated once at the beginning of the status account, even though details for individual islands may be listed. In addition, we provide information on specimens in the collections of the zoological institutions listed below. When a series of observations are made by the same observer or are mentioned in the same publication, the reference is given at the end of such a series. The following categories of occurrence are mentioned:
- Breeding resident
- Breeding visitor
- Irregular breeding visitor
- Non-breeding visitor
- Passage migrant
- Casual visitor

Tentatively the following categories of abundance are given, but these are primarily subjective and intended to give a general indication. Since the publication of Voous (1983) no long-lasting ornithological research has been performed on the islands. Most of the recent records mentioned in this list were obtained from local bird watchers, from people who stayed in the islands on holiday or birding expeditions and from short research projects by students of the Zoological Museum Amsterdam. Further research is certainly necessary to get a thorough year-round impression of the abundance of the species on the islands.

Breeding birds
- Abundant
- Common
- Rather common
- Rather scarce
- Scarce
- Very scarce

Non-breeding birds
- Large numbers
- Rather large numbers
- Rather small numbers
- Large numbers

For species occurring only rarely in any particular island the following terms are used:
- Regular non-breeding visitor: >20 records
- Non-breeding visitor in small numbers: 10–20 records
- Irregular non-breeding visitor in small numbers: 4–10 records
- Casual visitor: 1–3 records

Specimens listed are from the following museums:
- AMNH (American Museum of Natural History, New York)
- ANSP (Academy of Natural Sciences, Philadelphia)
- CU (Cornell University Museum of Vertebrates, Ithaca)
- FMNH (Field Museum Natural History, Chicago)
- RMNH (National Museum of Natural History/Naturalis, Leiden)
- USNM (United States Natural Museum/Smithsonian Institution, Washington)
- ZMA (Zoological Museum Amsterdam)
Abbreviations of names of observers mentioned in the checklist:

AK     A. van der Kooi
AOD    A.O. Debrot
BDB    B. de Boer
CB     C. Beachell
CJH    C.J. Hey
DFM    D.F. Meijer
DMCP   D.M.C. Poppe
EJ     E. Jansen
FCL    Brother C. van der Linden†
FHA    F.H. Ansingh†
GJR    G.J. Rorijs†
HJK    H.J. Koelers†
JCL    J.C. Ligon
JHR    J.H. Reuter
KHV    K.H. Voous†
LS     L. Spoormakers
RM     R. Messemaker
RVH    R. van Halewijn
SGM    S.G. Mlodinow
SS     S. Stapert
TDK    T. de Kort
ODONTOPHORIDAE

■ Crested Bobwhite *Colinus cristatus*
Du: Kuifbobwhite Ar: Patrishi, Cucui, Patrushi Cu, Bo: Sloké, Slòke
Range From W Guatemala south to E Brazil.
Habitat Arid lowlands, scrub, savannas.
Status Rather common breeding resident on Aruba and Curaçao. **Aruba** Three specimens 1892 (AMNH); 13 specimens 1908 (FMNH); 1 specimen 1974 (ZMA). **Curaçao** Four specimens, 1892 (2), *sine die* (2) (AMNH); 7 specimens 1908 (FMNH); 2 specimens, 1930, 1936 (RMNH); 1 specimen *sine die* (USNM); 19 specimens, 1951, 1952 (11), 1953 (2), 1954 (2), 1989, 1991, *sine die* (ZMA). **Bonaire** No records.
Taxonomy Polytypic. Ar, Cu: *C. c. cristatus* of coastal regions of Colombia and Venezuela.

ANATIDAE

■ White-faced Whistling Duck *Dendrocygna viduata*
Du: Witwangfluiteend Ar: Pato pigigi cara blanco Cu, Bo: Patu pidjidji kara blanku
Range Discontinuous. Tropical Middle and South America, including some islands in the Caribbean; also tropical Africa. Common in N Venezuela (Hilty 2003).
Habitat Marshes, swamps, lagoons, rivers.
Status **Aruba** Casual visitor. One record of a single bird, Bubali, 17 Aug 1982 (DFM). **Curaçao** Casual visitor. Two birds, Groot Santa Martabaai, 19–30 May 1957 (P. A. van der Werf); 28 birds, Malpais, 28 Apr 1972 (W. Bokma); several records from Klein Hofje in 1990s (no specified date, J. van der Woude). **Bonaire** No records.
Taxonomy Monotypic.

■ Black-bellied Whistling Duck *Dendrocygna autumnalis*
Du: Zwartbuikfluiteend Ar: Pato pigigi barica preto Cu, Bo: Patu pidjidji barika pretu
Range From S USA south to C South America and the West Indies. Common in N Venezuela (Hilty 2003).
Habitat Marshes, lagoons, stream borders.
Status **Aruba** Irregular non-breeding visitor in small numbers. Two birds at sea near Arashi (opposite the lighthouse), 10 Sep 1977 (EJ, slide examined by KHV); 1 bird seen at the reef off San Nicolas, 8 Jul 1981 (R. Stanley); 5 birds, Bubali, 7 Aug 2002 (TDK). **Curaçao** Rather scarce breeding resident. Since 1991 present throughout the year (GJR, AOD). Since 1992 considered resident at the sewage plant at Klein Hofje. First breeding observed 1993. Occasionally observed elsewhere, e.g. 15 birds, Saliña Daaibooi, 31 Mar 2005 (AOD). **Bonaire** Casual visitor. Thirteen birds near Sabana, 29 Jan 1981 (Dr and Mrs Boyer, FCL, colour-slides examined by KHV); adult on temporary pool near Lagun, 25 May 2004 (SS in Ligon 2006, photo examined by JCL).
Taxonomy Polytypic. Ar, Cu, Bo: probably *D. a. discolor* of South America and the West Indies.

■ Fulvous Whistling Duck *Dendrocygna bicolor*
Du: Rosse Fluiteend Ar: Pato pigigi kané Cu, Bo: Patu pidjidji kané
Range Discontinuous. Predominantly tropical and subtropical zones of the Americas, the West Indies, Africa and Asia. Formerly common, but now rare, in Venezuela (Hilty 2003).
Habitat Fresh and brackish shallow waters, marshes, lagoons, wet fields.
Status **Aruba** Casual visitor. One record of 4 birds, 27 Feb–May, and probably through to Sep 1965 (L.A. Peterson). One of these birds shot and mounted (private collection, colour-slide examined by KHV). **Curaçao** No records. **Bonaire** Casual visitor. One record of 4 adult birds, freshwater lakes of Onima and Playa Grandi, 9 Mar–25 May 1975 (FCL, A.L. Spaans, A.A. van den Boogaard). Additional records made less likely by dramatic population decline in N South America.
Taxonomy Monotypic.

■ Greater White-fronted Goose *Anser albifrons*
Du: Kolgans Ar: Ganso cara blanco Cu, Bo: Gans kara blanku
Range North America and Eurasia. Unrecorded in Venezuela (Hilty 2003) and south of Cuba in the West Indies (Raffaele et al. 1998).
Habitat Tundra, lakes, marshes, wet meadows, estuaries.
Status **Aruba** Casual visitor. One record of adult bird at Bubali, Jun 1980 (AK, colour-slides examined by KHV).

**Curaçao** and **Bonaire** No records.

**Taxonomy** Polytypic. Ar: probably *A. a. frontalis* from North America.

■ **Comb Duck** *Sarkidiornis melanotos*

*Du:* Knobbeleend *Ar:* Pato bòlòbònchi *Cu,* Bo: Patu bòlòbònchi

**Range** Circumtropical in America (generally absent from Amazonia), Africa and continental Asia. Uncommon in Venezuela, but disperses widely from May into October (Hilty 2003).

**Habitat** Lakes, ponds, marshes, wooded swamps and rivers.

**Status** Casual visitor. **Aruba** Four males, Bubali, 20 Aug 1982 (DFM, TDK); 4 males, Bubali, 20 Aug 1992 (DFM, TDK, D.J. Boerwinkel). **Curaçao** Single bird, Malpais, 30 Mar 1971 (E. van Campen); 9 birds same place, same date, on film (W. Bokma, film examined by KHV). **Bonaire** Eight birds, Washikemba, 3 Apr 1975 (FCL); 1 adult male, Mona Pasashi, 18 Apr 1981 (FCL); 6 birds, temporary freshwater ponds east of entrance to Washington-Slagbaai National Park, 10 Mar 2000 (SS in Ligon 2006).

**Taxonomy** Polytypic. Ar, Cu, Bo: probably *S. m. sylvicola* from South America.

■ **American Wigeon** *Anas americana*

*Du:* Amerikaanse Smient *Ar:* Pato amerikana *Cu,* Bo: Patu merikano

**Range** Boreal North America. Winters along the Atlantic and Pacific coast of North America, Middle America, south to NW South America and the West Indies. Found nearly annually in Venezuela (Hilty 2003).

**Habitat** Lakes, marshes, ponds, shallow coastal waters and farmland.

**Status** Non-breeding winter visitor in small numbers, largely depending on the presence of seasonal freshwater ponds between Oct and May. **Curaçao** Four specimens, 1952, 1955 (3) (ZMA). **Bonaire** A male ringed in North Dakota on 14 Aug 1956 was recovered in Bonaire 9 Dec 1956 (Luciana M. Thodé); 1 bird in flock of 70 Blue-winged Teal, Washikemba, 1 Nov 2001 (JCL and L. Sall in Ligon 2006); several on pond near entrance Washington-Slagbaai National Park, 17 Dec 2004 (JCL and T. Hunefeld in Ligon 2006).

**Taxonomy** Monotypic.

■ **Mallard** *Anas platyrhynchos*

*Du:* Wilde Eend *Ar:* Pato rabo di krùl *Cu,* Bo: Patu rabu di krùl

**Range** Primarily throughout the Northern Hemisphere. Unrecorded in Venezuela (Hilty 2003), but records exist for many islands in Lesser Antilles (Raffaele et al. 1998).

**Habitat** Shallow water of ponds, lakes, marshes. In winter also cultivated fields.

**Status** **Aruba** and **Curaçao** No records. **Bonaire** Casual visitor. One adult female, Mona Pasashi, 19 Sep 1983 (FCL, Mrs B. Lüsse, colour-slides examined); 1 adult female, Lac, 16 Apr 1985 (FCL); 1 female, Mona Pasashi, 11 Jul 1985 (FCL, the observer suggested that these 1985 records could be from the same bird); 1 adult female, Playa Grandi, 6 Dec 1989 (FCL).

**Taxonomy** Polytypic. Bo: probably *A. p. platyrhynchos* from North America.

■ **Blue-winged Teal** *Anas discors*

*Du:* Blauwvleugeltaling *Ar:* Pato morèkè *Cu,* Bo: Patu morèkè

**Range** Boreal North America; winters from S USA, Middle America, south to C Peru, C Argentina, S Brazil and the West Indies.

**Habitat** Ponds, lagoons, freshwater and brackish marshes, sluggish streams.

**Status** Regular non-breeding visitor. Present throughout the year in varying numbers. Parties of up to 250 birds recorded irregularly, depending on the presence of freshwater ponds. **Aruba** One specimen 1979 (ZMA). **Curaçao** Eight specimens, 1951 (2), 1954 (2), 1955 (2), 1977, 1997 (ZMA).

**Taxonomy** Monotypic.
Cinnamon Teal  *Anas cyanoptera*

**Du.** Kaneelting Ar: Pato koló kané Cu, Bo: Patu koló kané

**Range**  W Canada and W USA south to C Mexico. In South America C Colombia and from C Peru, Bolivia, Paraguay and S Brazil south to the Straits of Magellan. Winters from SW USA to NW and C South America. Several small resident populations in Colombia (Hilty & Brown 1986) have resulted in only one Venezuelan record (Hilty 2003). Multiple records throughout the West Indies, including the Lesser Antilles (Raffaele et al. 1998).

**Habitat**  Shallow freshwater with abundant water vegetation, sluggish streams, marshy grasslands.

**Status Aruba**  Casual visitor. One male, Tierra del Sol, 30 Oct 2007 (Mlodinow in press, colour-photo examined).

**Curaçao and Bonaire**  No records.

**Taxonomy**  Polytypic. Ar: ssp unidentified, but most likely the North American *A. c. septentrionalium* which occasionally migrates as far south as Panama and N Colombia (Madge & Burn 1988, Evarts 2005); the West Indian records also presumed to pertain to this subspecies (Raffaele et al. 1998).

Northern Shoveler  *Anas clypeata*

**Du.** Slobeend Ar: Pato boca hancho Cu, Bo: Patu boka hanchu

**Range**  North-western North America and temperate Eurasia. Winters from the western USA, Gulf coast and Atlantic coast from Maryland south to Middle and N South America, Bermuda and the West Indies. Also W and S Europe, N tropics of Asia and Africa. Scarce non-breeding visitor to N Venezuela (Hilty 2003).

**Habitat**  Ponds, lagoons, marshes, sluggish streams. In winter also brackish marshes.

**Status**  Irregular non-breeding visitor in small numbers. **Aruba**  Most records from Bubali: 1 male and 1 female, 7 Jan–11 Feb 1978 (EJ, AK); 1 male, 5 Jan 1980 (AK); 15–20 birds, Mar 1988 (RVH and others); 9 birds, 21 Feb 1993 (D.W. Finch); 6 birds, 8 Feb 1997 (EJ); 4 males, 17 Apr 1998 (JHR); 2 males, Tierra del Sol, 10 Jan 2001 (H. Farber); 2 males, Tierra del Sol, 23 Mar 2003 (SGM and CB).  **Curaçao**  Two birds, de Savaan, 3 Dec 1994 (BDB); 2 birds, de Savaan, 10 Dec 1994 (BDB, possibly the same birds); 1 bird, Malpais, 29 Oct 1995 (BDB); 1 bird, Klein Hofje, 29 Oct 1996 (BDB); 2 birds, Klein Hofje, 30 Oct 1997 (BDB). **Bonaire**  Three males, Saliña Bartol and 3 males, Saliña Funchi (suggested by observer to be probably the same birds), 31 Dec 1972–5 Jan 1973 (A.L. Spaans); 2 adults, Lac Bacuna, 25 Sep 1984 (FCL); 5 adults, Washikemba, 29 Sep 1985 (FCL); 1 adult, Onima, 13 Jan 1986 (FCL); 3 adults, Playa Grandi north, 16 Feb 1986 (FCL); 2 males and 1 female, temporary freshwater pond near mangrove-lined dirt road leading to Lac Cai, 10 Mar 2000 (JCL and SS in Ligon 2006); 4 birds in a flock of Blue-winged Teal, Washikemba, 1 Nov 2001 (JCL and L. Sall in Ligon 2006).

**Taxonomy**  Monotypic.

White-cheeked Pintail  *Anas bahamensis*

**Du.** Bahamapijlstaart Ar: Pato di aña Cu, Bo: Patu di aña

**Range**  Tropical and subtropical parts of the Americas and the West Indies.

**Habitat**  Freshwater lakes, ponds, mangroves, marshes, coastal waters.

**Status**  Rather common breeding resident and possibly passage migrant as numbers vary during the year. Observed the year round on fresh water ponds. **Curaçao**  One specimen 1911 (FMNH); 1 specimen sine die (USNM); 3 specimens, 1953, 1955, 1956 (ZMA). **Bonaire**  Two specimens 1951 (ZMA).

**Taxonomy**  Polytypic. Ar, Cu, Bo: *A. b. bahamensis* of the West Indies and N (coastal) South America.

Northern Pintail  *Anas acuta*

**Du.** Pijlstaart Ar: Pato rabo largo Cu, Bo: Patu rabu largu

**Range**  Temperate and cold North America and Eurasia. Winters along Atlantic and Pacific coast south of the breeding range. Recorded only three times in Venezuela (Hilty 2003).

**Habitat**  Lakes, rivers, marshes, ponds, barrens, tundra. In winter also estuaries.

**Status Aruba**  Casual visitor. One male, Tierra del Sol, 23 Mar 1997 (JHR); 1 male, Bubali, 3 Jul 2002 (TDK); 1 male, Tierra del Sol, 23–30 Mar 2003 (Mlodinow 2004).  **Curaçao**  No records. **Bonaire**  Casual visitor. One male and 1 female, Playa Grandi, 2–9 Feb 1980 (FCL and P. Boyer); 1 bird on freshwater pond near Cai, 10 Mar 2001 (JCL and P.H. in Ligon 2006).

**Taxonomy**  Monotypic.
Common Teal/Green-winged Teal *Anas crecca*

Du: Wintertaling Ar: Pato ala bèrdè Cu, Bo: Patu ala bèrdè

**Range** Boreal North America, N and C Europe and Asia. Winters in southern part of the breeding range. The North American population south to Central America and the West Indies; the Eurasian population south to N Africa and SE Asia. Unrecorded in Venezuela (Hilty 2003), but at least one record from Colombia (Hilty & Brown 1986) and three from Trinidad and Tobago (ffrench 1991).

**Habitat** Shallow lakes, marshes, ponds, streams. In winter also flooded fields, brackish and freshwater marshes.

**Status** Aruba Casual visitor. Two males and 3 females, Tierra del Sol, 25, 28 and 30 Mar 2003 (Mlodinow 2004, video recording examined); 1 male, Tierra del Sol, 27 Mar 2004 (SGM and CB in litt.). Curaçao Casual visitor. One male, Muizenberg, 17 and 18 Mar 1996 (the bird had a white breast stripe and lacked the white stripe along scapulars, BDB). Bonaire No records.

**Taxonomy** Polytypic. Ar and Cu: *A. c. carolinensis* from N North America

Note *A. c. carolinensis* is considered as a separate species in some recent publications (van den Berg & Bosman 1999, Dudley et al. 2006).

Ring-necked Duck *Aythya collaris*

Du: Ringsnaveleend Ar: Pato boca manchá Cu, Bo: Patu boka manchá

**Range** Temperate and boreal North America. Winters south primarily along both coasts of the USA and Middle America as far as Panama and the West Indies. Recorded less than once per decade in Lesser Antilles (Raffaele et al. 1998), and only three times in Venezuela (Hilty 2003).

**Habitat** Marshes, bogs and sloughs. In winter lakes, ponds, rivers.


**Taxonomy** Monotypic.

Lesser Scaup *Aythya affinis*

Du: Kleine Topper Ar: Pato tòper chikito Cu, Bo: Patu tòper chiki

**Range** North-western North America. Winters along coastal areas from S USA south through Middle America; rarely to the West Indies. Only four records from Venezuela, all December to mid-March (Hilty 2003).

**Habitat** Marshes, lakes and ponds. In winter coastal lagoons, estuaries, rivers.

**Status** Irregular non-breeding visitor in small numbers, depending on the presence of (sometimes temporary) freshwater ponds. Curaçao One specimen 1930 (RMNH); 4 specimens, 1952, 1955, 1956 (2) (ZMA). Bonaire Exceptional record of a flock of 18 birds, no locality, 23 Jan 1971 (P.A. and F.G. Buckley); 1 female, freshwater pond near airport, 10 Nov 2004 (JCL and T. Sipes in Ligon 2006).

**Taxonomy** Monotypic.

Bufflehead *Bucephala albeola*

Du: Buffelkopeend Ar: Pato kabez di bagòn Cu, Bo: Patu kabes di bagòn

**Range** North west and C North America. Winters south through the USA as far as the Gulf coast and C Mexico. Rare in the West Indies, with no records south of Jamaica and Puerto Rico (Raffaele et al. 1998) and unrecorded in Venezuela (Hilty 2003).

**Habitat** Lakes, ponds, slow rivers. In winter freshwater lakes, bays and estuaries.

**Status** Aruba No records. Curaçao Casual visitor. One bird (probably adult male in eclipse plumage), Malpais, 30 Nov-7 Dec 1998 (BDB, colour-slide examined by C.S. Roselaar). Bonaire No records.

**Taxonomy** Monotypic.

Masked Duck *Nomonyx dominicus*

Du: Maskerstekelstaart Ar: Pato mascará Cu, Bo: Patu maskará

**Range** From S Texas south through Middle America to tropical South America and the West Indies. Widespread, though local, in N Venezuela (Hilty 2003).
Habitat Ponds, lagoons, swamps, sluggish streams, marshes.


PROCELLARIIDAE

■ Black-capped Petrel Pterodroma hasitata

Range Breeds in the mountains of some of the larger Greater Antilles. Non-breeding birds detected regularly in the Caribbean and W Atlantic Ocean north to North Carolina, USA, and south to E Brazil.

Habitat Open seas, except when breeding.

Status Non-breeding visitor in small numbers. Fifteen records mostly of single birds within the limits of the Netherlands Antilles and Aruba seas, at distances varying from 7 to 16 nautical miles from land. Thirteen between 24 Apr 1970 and 28 May 1970 (RVH); 1 bird off Aruba 21 Dec 1970 (RVH) and another 28 May 1972 (DMCP).

Taxonomy Polytypic. Ar, Cu and Bo: P. h. hasitata from the Greater Antilles. The only other ssp P. h. caribbaea from Jamaica probably extinct.

■ Audubon's Shearwater Puffinus lherminieri

Range Worldwide tropical oceans.

Habitat Open seas, except when breeding.

Status Aruba No records. Curacao Casual visitor. One bird (adult male) Otrobanda, Willemstad, 9 Dec 1954 (HJK) (erroneously given as 1955 by Voous 1983); 1 bird at sea off Klein Curacao, 29 Jan 1992 (RM). One specimen 1955 (ZMA) Bonaire Rather scarce, possibly breeding, visitor. First record carcass washed ashore at Lagun, 21 May 1960 (J. Rooth); another found along Alisco saltpan, Apr 1980 (FCL); sound records were made of 1 adult and 1 juvenile on the rocky coast near Malmok, Sep 1977 (FCL, J. and H. Coffie); flock of 4 individuals near Sorobon at sea, 23 May 2003 (D. Walters). Two specimens, 1960, 1980 (ZMA).

Taxonomy Polytypic. Cu, Bo: P. l. lherminieri from the West Indies, but the occurrence of P. l. loyemilleri from the SW Caribbean coast cannot be excluded.

■ Great Shearwater Puffinus gravis

Range Breeds on Tristan da Cunha group in S Atlantic Ocean. Outside the breeding season occurring on the Atlantic Ocean, from Arctic circle south to Tierra del Fuego and South Africa. Uncommon to rare non-breeding visitor to most of the West Indies (Raffaele et al. 1998).

Habitat Open seas, except when breeding.

Status Aruba and Curacao No records. Bonaire Casual visitor. One record. Desiccated carcass found Aug 1976 on lower limestone terrace at Piedra Pretu, south of Lac (Mrs B. Lusse, identified by KHV).

Taxonomy Monotypic.

■ Bulwer's Petrel Bulweria bulwerii

Range Tropical and temperate Atlantic, Pacific and Indian Oceans. Unrecorded in W Atlantic or Caribbean, except 2 old records from Florida (AOU 1998), several recent ones off North Carolina, USA, and records noted below.

Habitat Open seas, except when breeding.


Taxonomy Monotypic.
HYDROBATIDAE

Wilson's Storm Petrel  *Oceanites oceanicus*

Du: Wilsons Stormvogeltje  Ar: Parha di tormenta Wilson  Cu, Bo: Para di tormenta Wilson

**Range** Breeds along coasts and in coastal mountains of Antarctica and on most antarctic and subantarctic islands. Non-breeding birds occur widely through Atlantic and Indian Oceans and in waters off Australia, New Zealand, and Indonesia. Rare in N Pacific.

**Habitat** Open seas, except when breeding.

**Status** Casual visitor. Aruba Small group of up to 9 birds following ship from Curaçao to harbour of Oranjestad 11 Jun 1970; 3 birds following the same vessel 24 Jun 1970, off Punta Basora, SE Aruba; single bird between Curaçao and Aruba 7 Sep 1971 (RVH). **Curaçao** Single bird off the coast at Punt Kanon, 17 Jul 1970 (RVH).

**Bonaire** Single bird 6 miles NW off the island, 14 Jul 1970 (RVH).

**Taxonomy** Polytypic. Ssp unidentified (not distinguishable in flight).

Leach’s Storm Petrel  *Oceanodroma leucorhoa*

Du: Vaal Stormvogeltje  Ar: Para di tormenta Leach  Cu, Bo: Para di tormenta Leach

**Range** Breeds in N Atlantic and Pacific Ocean. Non-breeding birds spread widely through tropical and subtropical waters.

**Habitat** Open seas, except when breeding.


**Taxonomy** Polytypic. Cu, Bo: nominate *O. l. leucorhoa* from N Atlantic and N Pacific.

PODICIPEDIDAE

Least Grebe  *Tachybaptus dominicus*

Du: Amerikaanse Dodaars  Ar: Zambuyadó chikito  Cu, Bo: Sambuyadó chikí

**Range** Subtropical and tropical America, from S Texas to N Argentina and the West Indies.

**Habitat** Temporary or permanent freshwater bodies.


**Taxonomy** Polytypic. Ar, Cu, Bo: *T. d. brachyrhynchus* of tropical South America.

Pied-billed Grebe  *Podilymbus podiceps*

Du: Dikbekfuut  Ar: Zambuyadó pico diki  Cu, Bo: Sambuyadó pik diki

**Range** Temperate and tropical America, from Canada to S Argentina (Chubut), and the West Indies.

**Habitat** Temporary or permanent freshwater bodies. In winter also on brackish and saline lagoons.

**Status** Scarce breeding resident. **Aruba** First record on temporary freshwater pond near Palm Beach, Jan 1955 (H. Bresser, H. Sutmöller). Present throughout the year since formation of the sewage ponds of Bubali (1973). Breeding at Bubali recorded since 1992 (DFM, TDK). Also observations of several broods at Tierra del Sol, 26 Mar–3 Apr 2004 (SGM and CB in litt.). **Curaçao** First recorded on water reservoirs of Muizenberg, Dec 1954, after heavy rains (HJK). More recently regularly present at sewage treatment plant of Klein Hofje. Four specimens, 1955 (2), 1956 (2) (ZMA). **Bonaire** First breeding record at Onima, Mar 1953 (B. Read, G.D. Stout); five juveniles with striped heads, pond near entrance Washington-Slagbaai National Park, 30 Apr 2000; at least 3 pairs nesting, same locality, Mar 2005 (both observations JCL, in Ligon 2006).
**Taxonomy** Polytypic. Ar, Cu, Bo: *P. p. antarcticus* of continental South America recorded as breeder or vagrant. However, occasional occurrence of *P. p. podiceps* from North and Middle America and *P. p. antillarum* from Greater and Lesser Antilles, cannot be excluded.

**PHOENICOPTERIDAE**

■ **Greater Flamingo** *Phoenicopterus ruber*

**Du:** Rode Flamingo
**Ar:** Flamingo
**Cu, Bo:** Flamingo, Chogogo

**Range** Caribbean region, and from Central America south to NE Brazil and Galapagos Islands. In the Old World S Europe, Africa and W and C Asia. Locally common in N Venezuela (Hilty 2003).

**Habitat** Shallow saline lagoons, coastal estuaries with high salinity mudflats.

**Status Aruba** Irregular non-breeding visitor in small numbers. Nine birds, Saliña Cerca, 29 May 1986 (RVH); 1 bird, Saliña Master, 2 Jun 1986 (RVH); 1 bird, Bubali, 11 Jun 1986 (RVH); 1 bird, Tierra del Sol, 18 Feb 2004 (F. Bonset, photograph W. de Mooy).

**Curaçao** Regular non-breeding visitor in rather large numbers. A group of 101 birds was seen in saliña’s on the road to Bullenbaai, 31 Oct 2001 (M. van den Berg, H. Lo-Sioe-Fon and R. Wellens); 178 birds, Dam Muizenberg, 29 Apr–20 May 2005 (LS). Breeding attempts have been recorded at the saliñas Jan Kok, St. Michiel and Muizenberg (BDB). Four specimens, 1956, 1957, 1996 (2) (ZMA).

**Bonaire** Breeding resident. Breeding at the salt pans in Pekelmeer. In the 1980s the population was estimated at c. 10,000 pairs, but in the dry winter of 2001–2002 numbers were down to <5,000 pairs (Ligon 2006). A smaller population is found at Lake Goto, numbering between 350 (17 Aug 1992, LS) and 100–150 (3 Apr 2002, Ligon 2006). Twenty two specimens, 1952 (3), 1979, 1980 (14), 1982, 1985, sine die (2) (ZMA).

**Taxonomy** Polytypic. Ar, Cu and Bo: *P. r. ruber* of the Caribbean.

**Note** In some recent publications *P. ruber* and *P. roseus* are considered separate species.

**CICONIIDAE**

■ **Wood Stork** *Mycteria americana*

**Du:** Kaalkopooievaar
**Ar:** Cigueña americana
**Cu, Bo:** Garsa kabes chino

**Range** From South Carolina south along coasts of Mexico and Central America to W Ecuador and N Argentina, also Greater Antilles. Fairly common in N Venezuela (Hilty 2003).

**Habitat** Marshes, swamps, lagoons and mangroves.

**Status Aruba** Casual visitor. One bird present at Bubali from 16 Feb 1977 (when still immature) till at least Oct 1984 (CJH, DFM, KHV, Mrs V. Roose, colour-slides examined by KHV). **Curaçao** and **Bonaire** No records.

**Taxonomy** Monotypic.

**THRESKIORNITHIDAE**

■ **White Ibis** *Eudocimus albus*

**Du:** Witte Ibis
**Ar:** Ibis blanco
**Cu, Bo:** Ibis blanku

**Range** Coastal areas of the Americas. From Virginia at the Atlantic and Baja California (lat. 27° N) at the Pacific coast south to French Guiana and NW Peru, also Greater Antilles. Uncommon in N Venezuela (Hilty 2003).

**Habitat** Mangroves, marshes, lagoons and wooded swamps.

**Status Aruba** Formerly regular non-breeding visitor, but no records since 1984. At least 28 records of adult and juvenile birds at Bubali from 1977 until 1982 (mostly between Dec and Jul, various observers); 2 birds, Bubali, Jul–Sep 1983 (T. van Ingen in litt.); 3 birds, Bubali, Jul–Aug 1984 (DFM, TDK). **Curaçao** and **Bonaire** No records.

**Taxonomy** Monotypic.

■ **Scarlet Ibis** *Eudocimus ruber*

**Du:** Rode Ibis
**Ar:** Ibis córâ
**Cu, Bo:** Ibis kórâ

**Range** Northern South America. From E Ecuador eastward as far as the Amazon delta in coastal Brazil. Locally common in N Venezuela (Hilty 2003).

**Habitat** Coastal swamps, lagoons, mangroves and seasonal freshwater swamps.

**Status Aruba** Formerly regular non-breeding visitor, but no records since 1980. At least 13 records at Bubali from 1977 until the end of 1980 (various observers in Voous 1983). **Curaçao** Casual visitor. First record immature bird,

**Taxonomy** Monotypic.

**Glossy Ibis** *Plegadis falcinellus*

Du: *Zwarte Ibis* Ar: *Ibis preto* Cu, Bo: *Ibis preto*

**Range** Cosmopolitan, mainly in the tropics and subtropics. In the Americas from the Atlantic coast of S Canada, south along the Gulf coast to NW South America and the West Indies. Fairly common to common in NW Venezuela (Hilty 2003).

**Habitat** Marshes, swamps, lagoons, shallow lakes.

**Status Aruba** Regular non-breeding visitor. At least 20 records at Bubali from 1977 until 1983 (various observers); 1 bird, Bubali, Jul–Aug 1989 (DFM); 1 bird, Bubali, 20 Aug 2003 (TDK); 1 bird, Tierra del Sol, 27 Mar 2004 (SGM and CB in litt.). **Curaçao** Irregular non-breeding visitor in small numbers. One bird Malpais, 16 Oct–19 Nov 1971 (E. van Campen); 1 bird, Klein Hofje, 8–20 Nov 1992 (BDB); 1 bird, Malpais, 21 Nov 1992 (possibly same bird as previous record, BDB); 1 bird, Klein Hofje, 31 Jan 1993; 1 bird, Klein Hofje, 8 Apr 1993 (BDB); another record from Klein Hofje, 1993 (J. van der Woude); 1 bird, Klein Hofje, 27 Nov 1997 (BDB); 1 bird, Klein Hofje, 28 Mar 1998 (BDB). **Bonaire** Casual visitor. One adult, Lac, 29 Sep–16 Oct 1980 (FCL); 1 bird, airport marsh, 5 Jan 2005 (Ligon 2006).

**Taxonomy** Monotypic.

**White-faced Ibis** *Plegadis chihi*

Du: *Witmaskeribis* Ar: *Ibis cara blanco* Cu, Bo: *Ibis cara blanku*

**Range** Tropical and temperate zones of the western Americas. No records from the West Indies, Columbia, or Venezuela.

**Habitat** Marshes, swamps, lagoons, shallow lakes and rivers.

**Status Aruba** Casual visitor. One sight record, Bubali, Jun 1978 (AK, slide examined by KHV). Immature White-faced Ibis may have been present among groups of immature Glossy Ibis at Bubali 1977–1983. **Curaçao** and **Bonaire** No records.

**Taxonomy** Monotypic.

**Roseate Spoonbill** *Ajaia ajaja*

Du: *Rode Lepelaar* Ar: *Cuucharón còrá* Cu, Bo: *Kucharón korá*

**Range** Southern USA, from approximately 30° N southward through Middle America to C Chile and C Argentina, and the West Indies. Common in Venezuela (Hilty 2003). Wanders over great distances north and southward.

**Habitat** Marshes, swamps, mangroves, lagoons, rivers.

**Status Aruba** Irregular non-breeding visitor in small numbers. Five records between 1908 and 3 Sep 1974 (Voous 1983); 1 immature bird, Spanish Lagoon, 4 Apr 2004 (SGM and CB in litt.); 2 juvenile birds, Tierra del Sol, 27 Jul 2004 (W. de Mooy, colour-photos examined). One specimen 1908 (FMNH). **Curaçao** Casual visitor. One bird, Santa Krus, 10 May 1998 (K. Beylevelt). **Bonaire** Casual visitor. One immature bird, Slagbaai, 11 Apr 1960 (J. Rooth); 1 bird observed for a week, Saliña Boca Slagbaai, May 1998 (Ligon 2006).


**ARDEIDAE**

**Boat-billed Heron** *Cochlearius cochlearius*

Du: *Schuitbekreiger* Ar: *Garabèt boca di lancha* Cu, Bo: *Garabèt bok’i lancha*

**Range** Middle America and N and C South America. Widespread and not rare in Venezuela (Hilty 2003).

**Habitat** Wooded fringes of freshwater creeks, lakes and inundated fields, mangroves.

**Status Aruba** and **Curaçao** No records. **Bonaire** Casual visitor. Sight record of apparently immature bird, shrubs surrounding salt pans of Salt Company, 7 Oct 1972, by birdwatching party from Florida (C. Russell Mason, Nina Dean Steffee and others, slide examined by KHV).

**Taxonomy** Polytypic. Bo: most likely *C. c. cochlearius* from N and C South America.
■ Pinnated Bittern  
**Botaurus pinnatus**

**Du:** Zuid-Amerikaanse Roerdomp  
**Ar:** Garabèt di caña  
**Cu, Bo:** Garabèt di kaña

**Range** From S Middle America south to South America as far as Ecuador and N Argentina. Local, but not rare in Venezuela (Hilty 2003).

**Habitat** Freshwater swamps overgrown with reeds or rushes.

**Status Aruba** Casual visitor. Single bird, caught, photographed and subsequently released, Oranjestad, 18 Jan 1972 (EJ). **Curaçao and Bonaire** No records.

**Taxonomy** Polytypic. Ar: most likely *B. p. pinnatus* from Central and South America.

■ Least Bittern  
**Ixobrychus exilis**

**Du:** Amerikaanse Woudaap  
**Ar, Cu, Bo:** Garabèt enano

**Range** From SE Canada and W USA south through Middle America to C Colombia and CW Peru and to SE Brazil and Paraguay; the West Indies. Fairly common, but very local, in N Venezuela (Hilty 2003).

**Habitat** Freshwater marshes, reed-beds, sedges. In winter also brackish or saltwater swamps.

**Status Aruba** No records. **Curaçao** Casual visitor. One bird, Muizenberg, 20 Oct 2005 (J. and I. Roos, colour-photos examined). **Bonaire** No records.

**Taxonomy** Polytypic. Cu: ssp unknown.

■ Black-crowned Night Heron  
**Nycticorax nycticorax**

**Du:** Kwak Ar: Krabèchi bachi preto  
**Cu, Bo:** Krabèchi bachi pretu

**Range** Worldwide from temperate to tropical zones.

**Habitat** Along streams, in ponds, marshes, swamps and mangroves, occasionally in drier areas along canals and reservoirs, sleeping by day in shrubs and trees.

**Status** Probably scarce breeding resident and non-breeding visitor. **Aruba** Mainly at sewage ponds of Bubali, but also at Tierra del Sol and at seasonal wetlands with emergent vegetation. One specimen 1978 (ZMA). **Curaçao** Recorded from several lagoons and sewage plants. One specimen 1954 (ZMA). **Bonaire** Recorded from entrance of Lake Goto and Saliña Tam.

**Taxonomy** Polytypic. Ar, Cu, Bo: *N. n. hoactli*, widespread in the Americas.

■ Yellow-crowned Night Heron  
**Nyctanassa violacea**

**Du:** Geelkruinkwak Ar: Krabèchi Cu, Bo: Krabèchi korona hel

**Range** From NE USA south through Middle America to South America as far as N Peru and E Brazil, and the West Indies.

**Habitat** Primarily marine coasts, but also in other aquatic habitats. Roosting by day in high scrub and rock crevices.

**Status** Rather scarce breeding resident and rather common visitor throughout the year, never far from the seashore. **Curaçao** Seven specimens, 1951 (2), 1952, 1954 (2), 1955, 1957 (ZMA). **Bonaire** One specimen 1969 (USNM); 4 specimens, 1951, 1972, 1979, 1982 (ZMA).

**Taxonomy** Polytypic. Ar, Cu, Bo: *N. v. bancrofti* of Baja California to El Salvador, including the West Indies. The occurrence of *N. v. violacea* from C and E USA and *N. v. cayennensis* from South America cannot be excluded.

■ Green Heron  
**Butorides virescens**

**Du:** Groene Reiger Ar, Cu, Bo: Galiña di awa, Caw-caw

**Range** North and Middle America, the West Indies. In winter, rarely south to N Colombia and N Venezuela.

**Habitat** Prefers overgrown salt or freshwater margins, and all kinds of marshes.

**Status** *B. v. maculata* rather common breeding resident. *B. v. virescens* probably uncommon winter visitor. **Aruba** Two specimens 1892 (AMNH); 2 specimens 1908 (FMNH). **Curaçao** Ten specimens belonging to both ssp, 1951 (6), 1952 (2), 1954, 1993 (ZMA). **Bonaire** Eight specimens belonging to both ssp, 1951 (5), 1952 (2), 1979 (ZMA).

**Taxonomy** Polytypic. Ar, Cu, Bo: *B. v. maculata* from the West Indies and *B. v. virescens* from North and Central America.
**Striated Heron** *Butorides striata*

Du: Mangrove-reiger Ar, Cu, Bo: Galiña di awa strepiá  
**Range** Cosmopolitan (except North and Middle America). Common in Venezuela (Hilty 2003).  
**Habitat** Prefers overgrown salt or freshwater margins, marshes and riverbanks.  
**Status** Aruba No records. **Curaçao** Casual visitor. One bird observed at Malpais, 9 Feb 1993 (BDB). One specimen 1952 (ZMA). **Bonaire** Irregular non-breeding visitor in small numbers. Sight record of 1 bird along the saltpans of Pekelmeer, 3 Oct 1979 (FCL, KHV); Pekelmeer, 4 May 1980 (FCL); sight record of 1 bird near Witte Pan, 2 Jun 1985 (FCL); 2 birds near Cai, 30 Jun 1985 (FCL). One specimen 1980 (ZMA).  
**Taxonomy** Polytypic. Cu and Bo: *B. s. striata* from South America. Syn. *B. striatus*.  
**Note** Voous (1983) claims to have studied a specimen from Aruba (collection RMNH) and one from Bonaire (collection ZMA) showing characters intermediate between *B. striatus* and *B. virescens* and to have observed intermediates in the field in Bonaire. For discussion of hybridisation, see Hayes (2001).

**Cattle Egret** *Bubulcus ibis*

Du: Koereig Ar: Garabèt di baca Cu, Bo: Garabèt di baka  
**Range** Africa, Eurasia, Australia; since the late 19th century has colonized the Americas from Africa, ranging from S Canada to Tierra del Fuego including the West Indies. Now almost a cosmopolitan species.  
**Habitat** Wet fields, marshes, swamps, pastures, grassland (often associated with grazing mammals), arid wastelands.  
**Taxonomy** Polytypic. Ar, Cu, Bo: *B. i. ibis.*

**Great Blue Heron** *Ardea herodias*

Du: Amerikaanse Blauwe Reiger Ar, Cu, Bo: Garsa blou grandi  
**Range** North America, from coastal Alaska to S Mexico, Cuba, Jamaica, Virgin Islands, Los Roques off Venezuela and Galapagos Islands. In winter to Central America and the West Indies.  
**Habitat** Marshes, lakes, ponds, lagoons, mangroves, riverbanks and seacoasts. The white form of *A. h. occidentalis* is found almost exclusively in marine habitats, particularly tidal grass flats, lagoons and mangroves.  
**Status** Non-breeding visitor in rather small numbers throughout the year where fresh- or saltwater is available. **Aruba** One specimen of ssp *herodias* 1980 (ZMA). **Curaçao** The partly white Würdemann's morph was observed at saliña Abou, near Daaiibooi, 16 Jul 2006 (M. Aliabadian and V. Nijman, colour-photo examined). One specimen 1884 (USNM); 3 specimens of ssp *herodias*, 1952, 1954, 1955 (ZMA). **Bonaire** Birds of Würdemann's morph observed on several occasions (or in some cases possibly the same bird, see also Voous 1983): mangroves of Lac, 30 July 1972 (DMCR photo examined); same place Nov 1975–24 May 1977 (FCL, KHV, colour-slides examined); juvenile at Playa-Rincon, 19 Oct 1975 (A.A. van den Boogaard, photos examined); near Washikemba, 27 June 1985 (FCL); near Slagbaai, 10 April 1986 (FCL). Two specimens of ssp *herodias*, 1951, 1982 (ZMA).  
**Taxonomy** Polytypic. Ar, Cu, Bo: mainly *A. h. herodias* from North America. Both colour morphs of *A. h. occidentalis* recorded from all 3 islands.

**Great Egret** *Ardea alba*

Du: Grote Zilverreiger Ar: Garsa blanco grandi Cu, Bo: Garsa blanku grandi  
**Range** Cosmopolitan, mainly south of 45° N.  
**Habitat** Marshes, lakes, ponds, riverbanks, lagoons, mangroves, tidal marshes, seashores.  
**Status** Aruba Rather scarce, irregular breeding visitor. Mainly near Bubali and Tierra del Sol; first confirmed nesting (7 nests, 6 with eggs), Bubali, 21 Sep 1988 (RVH, colour-slides examined); 4 nests containing eggs or immatures, Bubali, 30 May 1990 (RVH, colour-slides examined); same locality, 11 Feb 1997 (EJ). **Curaçao** Non-


![Whistling Heron](Syrigma sibilatrix)

Du: Fluitreiger Ar, Cu, Bo: Garsa flùitdó

**Range** South America, disjunct. E Colombia and Venezuela and from Bolivia to SE Brazil and NE Argentina. Common in Venezuela (Hilty 2003).

**Habitat** Open, wet grassland, shallow waters and marshy areas.

**Status Aruba** and **Curacao** No records. **Bonaire** Casual visitor. One bird observed, Saliña Boca Slagbaai, 8 Jan 2003 (JCL, B. Griesemer and J. Cannon, colour-photo examined) (Ligon 2006).

**Taxonomy** Polytypic. Bo: ssp unknown, but most likely *S. s. fostersmithi* from NE Colombia and NW Venezuela.

![Reddish Egret](Egretta rufescens)

Du: Roodhalsreiger Ar: Garsa còrá Cu, Bo: Garsa kabetes kané, Garsa kòró

**Range** Coastal areas and islands of E Pacific, from Baja California south to SW Mexico, Gulf of Mexico, Greater Antilles and Caribbean Sea.

**Habitat** Mangroves, marshes, beaches.

**Status Aruba** Non-breeding visitor (both colour morphs, white and grey) in small numbers. Mostly in the saliñas and in shallow water on the leeward coast. **Curacao** Non-breeding visitor in small numbers. Mostly single individuals of the white morph. **Bonaire** Rather common breeding resident. Both colour morphs breeding. Near Pekelmeer a greyish, possibly intermediate bird was seen, 1 May 1991 (GJR). Four specimens 1951 (ZMA).

**Taxonomy** Polytypic. Ar, Cu, Bo: *E. r. rufescens* of Gulf of Mexico and Caribbean Sea.

![Tricolored Heron/Louisiana Heron](Egretta tricolor)

Du: Witbuikreiger Ar: Garsa barica blanco Cu, Bo: Garsa tres koló, Gran gudjee, Garsa barika blanku

**Range** Pacific coast from S California to N Peru, Atlantic coast from Maryland to NE Brazil, the West Indies.

**Habitat** Mangroves, marshes, along rivers and ponds.

**Status** Rather common breeding resident. **Aruba** Primarily at Bubali. One specimen 1892 (AMNH); 4 specimens 1908 (FMNH); 1 specimen 1951 (ZMA). **Curacao** Three specimens, 1951, 1954 (2) (ZMA). **Bonaire** Two specimens 1951 (ZMA).

**Taxonomy** Polytypic. Ar, Cu, Bo: *E. t. ruficollis* of E USA and Caribbean region.

![Little Blue Heron](Egretta caerulea)

Du: Kleine Blauwe Reiger Ar: Garsa blou chikito Cu, Bo: Garsa blou chikí

**Range** Southern coastal USA, from approximately 45° N, Gulf coast, south through Middle America to South America, as far as S Peru and Uruguay, the West Indies.

**Habitat** Mangroves, marshes, ponds and flooded grassland.


**Taxonomy** Monotypic.

![Snowy Egret](Egretta thula)

Du: Amerikaanse Kleine Zilverreiger Ar: Garsa blanco chikito Cu, Bo: Garsa blanku chikí

**Range** Central USA, from approximately 45° N, south (predominantly in coastal areas) to South America, as far as C Argentina and W Patagonia, the West Indies.

**Habitat** Marshes, lakes, ponds, lagoons, mangroves.

**Status Aruba** Common breeding resident. One specimen 1988 (ZMA). **Curacao** Rather common breeding resident. In addition probably visitor from North or South America. Four specimens, 1951 (2), 1954, *sine die* (ZMA).

Taxonomy Polytypic. Ar, Cu, Bo: E. t. thula.

Little Egret  *Egretta garzetta*

Du: Kleine Zilverreiger Ar: Garsa blanco oropeo Cu, Bo: Garsa blanku oropeo


Habitat Marshes, lakes, flooded fields, estuaries.

Status Aruba Casual visitor. One bird, Tierra del Sol, 25–30 Mar 2003, direct comparison with *E. thula* was possible (Mlodinow 2004) (video recording examined); 1 bird (perhaps same individual as in 2003) among Snowy Egrets and other herons, Bubali, 12 Mar 2005, two plumes clearly visible in the wind (Mlodinow 2006).

Curaçao and Bonaire No records.

Taxonomy Polytypic. Ar: E. g. garzetta.

PHAETHONTIDAE

Red-billed Tropicbird  *Phaethon aethereus*

Du: Roodsnavelkeerkringvogel Ar: Bubi rabo largo shouru Cu, Bo: Bubi rabu largu shouru


Habitat Open seas, except when breeding.

Status Aruba No records. Curaçao Irregular non-breeding visitor in small numbers. Two birds caught on board of ship: 1 near the island, 7 Feb 1939 (H.W.G. Cossee) and 1 in the harbour, 4 Feb 1966 (HJK) (date erroneously given as 1968 in Voous 1983); oiled bird found on the north coast, 30 Oct 1968 (staff CARMABI, specimen in ZMA); sight record of bird flying past Watamula, Westpunt, Dec 1978 (R. Hensen); sight record of bird at sea near Klein Curaçao, 29 Jan 1992 (RM). Bonaire Irregular non-breeding visitor in small numbers. Sight record of bird at 20 nautical miles NW off Cape Malmok, 25 May 1970 (RVH); sight record of bird at 12 miles SW off south cape of island, 12 May 1977 (B.H.M. de Jong); 1 dead adult found near Sorobon/Lac, 14 May 1986 (B. Lüsse and FCL, colour-slide examined by KHV); 1 juvenile collected and photographed on south-east coast, 20 Jul 1991 (EJ, specimen in ZMA).

Taxonomy Polytypic. Cu, Bo: *P. a. mesonauta* from the tropical Atlantic, Caribbean and E Pacific.

White-tailed Tropicbird  *Phaethon lepturus*

Du: Witstaartkeerkringvogel Ar: Bubi rabo largo blanco Cu, Bo: Bubi rabu largu blanku

Range Worldwide in tropical and subtropical seas and oceans. Widespread breeder in the West Indies, but distinctly more numerous in the north (Raffaele et al. 1998). Unrecorded in Venezuela (Hilty 2003).

Habitat Open seas, except when breeding.


Taxonomy Polytypic. Cu, Bo: probably *P. l. catesbyi* from the Caribbean.

FREGATIDAE

Magnificent Frigatebird  *Fregata magnificens*

Du: Amerikaanse Fregatvogel Ar: Bubi rabo largo blanco Cu, Bo: Skêrchi, Makuaku Bo: Maniwá

Range Along both coasts of the Americas. Pacific coast from Baja California to N Peru, Atlantic coast from Florida to S Brazil; Galapagos, the West Indies and Cape Verde Islands.

Habitat Open seas, seen primarily along the coast; also crossing high over the islands. Gathering in communal roosts in isolated places and on mangrove islands.

Status Non-breeding visitor in rather large numbers, observed mainly along leeward coasts. Aruba Occasional breeding on islands in Paardenbaai suspected, but not confirmed (TDK). Three specimens 1892 (AMNH).

**Bonaire** Adults and juveniles regularly roost in the mangroves of Lac. One specimen 1908 (FMNH).

**Taxonomy** Monotypic.

**Great Frigatebird** *Fregata minor*

*Du:* Grote Fregatvogel *Ar,* Cu, Bo: Makuaku menor

**Range** Tropical and subtropical Pacific, Indian and S Atlantic Ocean. Has been recorded in E North America in Maine and Michigan, USA. Aruba record is only one for Caribbean.

**Habitat** At sea, breeding on small isolated islands, in bushes or mangroves.

**Status Aruba** Casual visitor. First record immature bird at Ceroe Colorado, 15 Mar 2005 (Mlodinow 2006).

**Curaçao and Bonaire** No records.

**Taxonomy** Polytypic. Ssp unknown.

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**PELECANIDAE**

**Brown Pelican** *Pelecanus occidentalis*

*Du:* Bruine Pelikaan *Ar:* Rògans Cu, Bo: Ganshi

**Range** Along both coasts of the Americas. Atlantic coast from S New York south to E Venezuela, including Gulf of Mexico and Caribbean Sea, Pacific coast from S British Columbia south to S Chile.

**Habitat** Coastal waters.

**Status Aruba** Common along the leeward coast, also at Bubali and at ponds in Tierra del Sol. *P. o. occidentalis* resident, breeding since 1966. *P. o. carolinensis* non-breeding visitor from North America in small numbers. Two specimens 1892 (AMNH); 1 specimen 1908 (FMNH); 7 specimens, 1951, 1952 (3), 1972, 1979, 1984 (ZMA).


**Bonaire** Common non-breeding resident, mainly observed along the leeward coast. Two specimens 1952 (ZMA).

**Taxonomy** Polytypic. Ar, Cu, Bo: the small Caribbean ssp *P. o. occidentalis* and the larger ssp from the Gulf and USA coasts *P. o. carolinensis.*

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**SULIDAE**

**Masked Booby** *Sula dactylatra*

*Du:* Maskergent Ar: Bubi blanco Cu, Bo: Bubi blanku

**Range** Worldwide in tropical and subtropical seas and oceans.

**Habitat** Open seas, breeding on open ground on oceanic islands.

**Status Aruba** Irregular non-breeding visitor in small numbers. Single adult, coast at California, 27 Apr 1980 (EJ); 1 bird off San Nicolas Bay, 21 May 1987 and another on a small island in San Nicolas Bay, 22 May 1987 (both observations RVH); immature off the south point, Jul 1989 (DFM, TDK); 1 immature between Aruba and Venezuela, Aug 1989 (DFM, TDK); 1 adult bird, Malmok, May 2003 (P. Vandormael, photograph examined).

**Curaçao** Casual visitor. One bird between Curaçao and Klein Curaçao, 9 Nov 2005 (AOD, L. Pors). **Bonaire** Irregular non-breeding visitor in small numbers. One adult caught Piedra Pretu, 1 Mar 1976, subsequently released (R. Heitkönig); 1 subadult at Malmok, 13 Oct 1979 (FCL, KHV); 1 subadult, Punt Vierkant, 24 Jan 1988 (FCL, Mr and Mrs Watts); 1 bird along east coast near the Onima indian inscriptions, 8 Nov 2002 (O. Ottema in Ligon 2006); 1 adult bird, off Invisibles dive site, 9 Oct 2004 (Ligon 2006).

**Taxonomy** Polytypic. Ar, Cu, Bo: *S. d. dactylatra* from the Caribbean.

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**Red-footed Booby** *Sula sula*

*Du:* Roodpootgent Ar: Bubi pia còrá, Bubi balau Cu, Bo: Bubi pia kòrá

**Range** Worldwide in tropical and subtropical seas and oceans.

**Habitat** Open seas, breeding in trees and shrub on oceanic islands.

**Status Aruba** Irregular non-breeding visitor in small numbers. Caught on board tanker 14 miles west of Aruba, 31 Mar 1955 (FHA); 1 adult, Ceroe Colorado, Sep 1978; 1 immature Andicuri, Jan 1979 (EJ, colour-slides examined by KHV); 1 immature, Malmok (German Wreck), 12 Mar 2005 (SGM and CB). One specimen 1955 (ZMA).
**Curaçao** Irregular non-breeding visitor in small numbers. Several records at sea and small number of single birds recorded on cliff ledges of Watamula, Westpunt (Voous 1983); 1 bird, Boka St. Marie, 30 Jul 1992 (LS). **Bonaire** Non-breeding visitor in small numbers. Ten records (1976 to 1986) of single birds (FCL, colour-slides examined by KHV). Larger groups: 18 birds, near Willemstoren, 29 Jun 1992; 17 birds, same locality, 1 Jul 1992; 43 birds, same locality, 3 Jul 1992 (all records J. Zwaaneveld); 1 injured bird (brown morph) on beach south of Sorobon, Jul 2001 (C. Powell, per JCL, photo examined). One specimen 1978 (ZMA). **Taxonomy** Polytypic. Ar, Cu, Bo: *S. s. sula* from S Caribbean and tropical Atlantic Ocean.

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**PHALACROCORACIDAE**

■**Neotropical Cormorant** *Phalacrocorax brasilianus*  
Du: Bigua-aalscholver Ar, Cu, Bo: Deklá  
**Range** From S USA south to Tierra del Fuego; Cuba in the West Indies.  
**Habitat** Coastal bays, lagoons and freshwater locations.  

■**Double-crested Cormorant** *Phalacrocorax auritus*  
Du: Geoorde Aalscholver Ar, Cu, Bo: Deklá orea  
**Habitat** Coastal waters and inland lakes. More frequently found on salt water than Neotropical Cormorant.  
**Status Aruba and Curaçao** No records. **Bonaire** Casual visitor. One sight record of immature, Saliña Martinus, 16–18 Sep 1979 (FCL, Mrs B. Lüsse, colour-slide examined by KHV).  
**Taxonomy** Polytypic. Bo: ssp unknown, but most likely nominate *P. a. auritus* from E North America.

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**CATHARTIDAE**

■**Black Vulture** *Coragyps atratus*  
Du: Zwarte Gier Ar: Zamuro preto Cu, Bo: Zamuro pretu  
**Range** E and S USA, Middle America and through most of S America. Common throughout Venezuela (Hilty 2003).  
**Habitat** Ubiquitous (except heavily forested regions), especially around human habitations.  
**Status Aruba** Voous (1985) mentioned two birds of this species imported in the early 1970s from Colombia and released on Aruba. One bird Savaneta, 6 Jan 1973 (CJH, EJ, colour-slide examined); 2 birds Savaneta, Jul 1977; 1 bird Savaneta, 1982 (both DFM). It is unclear if this last observation is *ex captivitate* or not. **Curaçao and Bonaire** No records.  
**Taxonomy** Monotypic.
FALCONIDAE

■ Crested Caracara *Caracara cheriway*
Du: Kuifcaracara Ar, Cu, Bo: Warawara

*Range* From S USA through Middle America to N South America as far south as N Peru, N Brazil and Trinidad.

*Habitat* Open country, grassland, scrub.

*Status Aruba* Rather scarce breeding resident. Numbers are increasing, but still low due to persecution. Often observed on cultivated land. Mostly seen in pairs, but groups of up to 14 (TDK) or 9 (R. Derix) have been recorded. Two specimens 1940 (ANSP); 1 specimen 1908 (FMNH); 2 specimens 1930 (RMNH); 1 specimen 1952 (ZMA).


*Bonaire* Very scarce breeding resident. Numbers still decreasing due to persecution. A total of 10 birds were seen on 9 Jan 1998 of which 6 were together in one flock; copulating pair observed near Santa Barbara, 25 Mar 2001; 1 bird, Dos Pos, 14 Mar 2002; 3 immature birds Washington-Slagbaai National Park, 18 Sep 2002; 2 birds Peaceful Canyon, 12 Feb 2003; 1 subadult along mangrove marsh road into Cai, 30 Jan 2005 (all observations Ligon 2006). One specimen 1908 (FMNH); 1 specimen 1930 (RMNH); 1 specimen 1969 (USNM); 2 specimens, 1951, 1979 (ZMA).


■ Yellow-headed Caracara *Milvago chimachima*
Du: Geelkopcaracara Ar: Warawara cabez hel Cu, Bo: Warawara kabetes hel

*Range* From S Central America to N Argentina and S Brazil. Common in Venezuela (Hilty 2003).

*Habitat* Open country, farmland, scrub.

*Status Aruba* No records.

*Curacao* Casual visitor. One immature bird observed soaring over Julianadorp, 19 Jan 1952 (KHV).


*Taxonomy* Polytypic. Cu, Bo: probably *M. c. cordata* from Central and N South America.

■ American Kestrel *Falco sparverius*
Du: Amerikaanse Torenvalk Ar, Cu, Bo: Kinikini

*Range* From N North America south through Middle America to Tierra del Fuego, the West Indies.

*Habitat* Open country, cultivated lands, scrub, suburban areas.

*Status* Common breeding resident on Aruba and Curacao. *Aruba* Two specimens 1892 (AMNH); 4 specimens 1908 (FMNH); 2 specimens 1930 (RMNH); 1 specimen 1929 (USNM); 3 specimens 1951 (ZMA).


*Bonaire* Irregular non-breeding visitor in small numbers. One bird seen hovering at Pekelmeer, 12 May 1960 (members of the Florida Audubon Society); 1 bird, 28 Jul 1973 (J. Rooth); 1 adult bird, Pekelmeer, 8 Mar 1980 (FCL and P. Boyer); 1 bird perched on a branch at the eastside of the road near Cai, 24 Feb 1986 (D.B. Stavros).

*Taxonomy* Polytypic. Ar, Cu: *F. s. brevipennis* endemic to Aruba and Curacao; most likely this is also the ssp occasionally recorded on Bonaire.

■ Merlin *Falco columbarius*
Du: Smelleken Ar, Cu, Bo: Falki shouru, Kinikini grandi

*Range* Arctic and subarctic regions of the Northern Hemisphere. Winters in temperate and northern tropical regions.

*Habitat* Open country. In winter open land, estuaries, seacoasts.


*Bonaire* Summer observations of single adult birds, Toeristenweg, 15 Jul 1980 (FCL); near Lake Goto, 12 Jul 1981 (FCL). One specimen 1951 (ZMA).

*Taxonomy* Polytypic. Ar, Cu, Bo: *F. c. columbarius* from N North America.
Peregrine Falcon  *Falco peregrinus*
Du: Slechtvalk Ar, Cu, Bo: Falki peregrino

**Range** Cosmopolitan.
**Habitat** Open country, tundra, marshes, seacoasts.
**Status** Non-breeding visitor in rather small numbers between Sep and May, mostly immatures. Recorded from hills, coasts and saline lagoons. **Aruba** In Mar 1997 and Apr 1998 adults and juveniles regularly seen in the north of the island (JHR). **Bonaire** Two adults observed over the Salt Works on 22 Oct 1979 (KHV). Of these the male at least showed all the characteristics of the small northern ssp *F. p. tundrius* (Voous 1983).

**Taxonomy** Polytypic. Ar, Cu, Bo: probably mostly *F. p. tundrius* from arctic North America.

Osprey  *Pandion haliaetus*
Du: Visarend Ar: Gabilan piscador Cu, Bo: Gabilan di laman, Patalewa

**Range** Almost cosmopolitan, but not breeding in South America.
**Habitat** Lakes, rivers, estuaries, seacoasts.
**Status** Regular non-breeding visitor throughout the year. Predominantly along seacoasts, lagoons and mangroves. Most observations are of single birds, but greater numbers, up to 3 or 4 together, not rare (JHR). Birds crossing over from one side of an island to the other are frequently seen inland. **Aruba** One specimen 1979 (ZMA).

**Taxonomy** Polytypic. Ar, Cu, Bo: *P. h. carolinensis* from North America.

Swallow-tailed Kite  *Elanoides forficatus*
Du: Zwaluwstaartwouw Ar: Milano rab'i swalchi Cu, Bo: Milano rab'i souchi

**Range** From coastal SE USA south through Middle America W of Andes to N Peru and E of Andes to N Argentina and Uruguay. In winter northern population migrates southward and extreme southern population migrates northward. Fairly common in Venezuela, though more widespread in the east (Hilty 2003).
**Habitat** Forested regions, open woodland and swampy areas.
**Status** **Aruba** Casual visitor. One bird, Bubali, 25–30 Mar 2003 (Mlodinow 2004, video recording examined); 1 bird, Bubali, 13 Apr 2003 (likely the same bird, T. Koppejan). **Curaçao** No records. **Bonaire** Casual visitor. One bird, Noord Saliña, northern Kralendijk, 26 Apr 2002 (G. and Y. van Hoorn in Ligon 2006).

**Taxonomy** Polytypic. Ar, Bo: ssp unidentified, but the regular occurrence of the South American race *E. f. yetapa* on Trinidad from March to August (ffrench 1991) would seem to indicate that this subspecies is the most likely to occur in our area.

White-tailed Kite  *Elanus leucurus*
Du: Amerikaanse Grijze Wouw Ar: Milano rabo blanco Cu, Bo: Milano rabu blanku

**Range** Western and S USA, south through Middle America to large parts of South America (mainly E of Andes) as far as C Argentina and C Chile. Fairly common in N Venezuela (Hilty 2003).
**Habitat** Savannas, open woodland, marshes, farmland.
**Status** **Aruba** Casual visitor. An immature bird observed at different places, 13 Jun 1980 (KHV, EJ, AK, colour-slide examined). **Curaçao** and **Bonaire** No records.

**Taxonomy** Polytypic. Ar: *E. l. leucurus* from South America.

Northern Harrier/Hen Harrier  *Circus cyaneus*
Du: Blauwe Kiekendief Ar: Gabilan americano Cu, Bo: Gabilan merikano

**Range** From subarctic and temperate North America south to S USA and in N Eurasia south to the Mediterranean region. In Western Hemisphere winters regularly south to Panama and the Greater Antilles and casually to Columbia and Lesser Antilles (Hilty 2003, Raffaele *et al.* 1998). One record from Venezuela (Hilty 2003).
**Habitat** Marshes, moors, prairies. In winter also cultivated fields and grassland.
**Status** **Aruba** No records. **Curaçao** Casual visitor. Sight record, Klein Hofje, 31 Oct–30 Nov 1997. As maroon flanks were observed, most likely a juvenile bird, sex unknown (BDB). **Bonaire** No records.

**Taxonomy** Polytypic. Cu: *C. c. hudsonius* from North America.
White-tailed Hawk  *Buteo albicaudatus*
Du: Witstaartbuizerd Ar, Cu: Falki, Partawela Bo: Gabilan di seru

**Range**  From SE USA, south through Middle America to N and C South America (except Amazonian Brazil), as far as C Argentina. Fairly common in Venezuela (Hilty 2003).

**Habitat**  Grassland, savannas.

**Status**  Scarce and local breeding resident, most numerous on Curaçao. Nesting mostly in candelabra cactus near escarpments or on bush-clad hills. **Aruba**  If still present, only 1 or 2 breeding pairs (Voous 1983). Recently small number of observations of single birds, Bubali, Mar, May (juvenile) 1988; same locality, Sep 1988 (3 adult and 2 immature) (RVH); 1 juvenile, Tierra del Sol, Mar 1997 (JHR). One specimen 1930 (RMNH). **Curaçao**  Regularly seen in small numbers in the larger undisturbed wilderness areas around the island. Regularly recorded at mount Sint Christoffel (Reijns 1984), Oostpunt, Tafelberg St. Hironymus, Tafelberg Sta. Barbara, Malpais and Hato-San Pedro. One bird seen at Klein Hofje, 27 Apr 1997, and near Malpais, 30 Apr 1997 (possibly the same bird, DMCP); 1 bird, Jan Thiel, 12 Mar 1999 (AOD) and 1 bird, 11 Nov 2001 (M. van den Berg, LS and H. Lo-Sioe-Fon); 2 birds, Oostpunt, 15 Nov 2005 (AOD and S. Criens). One specimen *sine die* (ZMA); 1 specimen 1952 (USNM); 4 specimens, 1962, 1985 (2), *sine die* (ZMA). **Bonaire**  Two birds, Washington-Slagbaai National Park, 6 Mar 1986 (D.B. Stavros, FCL); 1 bird, above mangroves Lac, 19 Mar 2003 (M. Flikweert); 1 bird perching near Karpata, 1 Apr 2003 (M. Flikweert, J. de Freitas) and again 11 Apr 2003 (M. Flikweert); 1 bird soaring above Rooi Sangu, 17 Apr 2003 (M. Flikweert). One specimen 1892 (AMNH); 4 specimens, 1951 (3), 1952 (ZMA).

**Taxonomy**  Polytypic. Ar, Cu, Bo: *B. a. colonus* from N South America.

Sora Rail  *Porzana carolina*
Du: Soraral Ar: Gaito sora Cu, Bo: Gaitu sora

**Range**  Boreal and temperate North America. In winter to S USA, south through Middle America to N South America and the West Indies.

**Habitat**  Freshwater marshes, swampy grassland and overgrown edges of saline lagoons. In winter also in salt water and brackish marshes.


**Taxonomy**  Monotypic.

Purple Gallinule  *Porphyrio martinica*
Du: Amerikaans Purperhoen Ar: Gaito biña Cu, Bo: Gaitu biña

**Range**  From S USA through Middle America to South America as far as N Chile (W of Andes) and N Argentina (E of Andes), the West Indies.

**Habitat**  Freshwater marshes and pools with emergent and floating vegetation.

**Status**  Non-breeding (possibly occasionally breeding) visitor in small numbers. Both adults and juveniles have been recorded. Very secretive, but since no water-plants are present in most of the temporary, partly inundated areas, it is relatively often observed in the open. **Curaçao**  Breeding suspected in 1956 (HJK); 1 adult and 2 juveniles, Klein Hofje, 8–11 Nov 1992 (BDB); 1 juvenile, Savaan, 23 Sep 1994 (BDB). Six specimens, 1954, 1956 (3), 1977, *sine die* (ZMA). **Bonaire**  Possible indications of breeding: 1 injured immature, Kralendijk, 13 Dec 2001; 1 subadult male, Sabadeco area north of Kralendijk, 14 Jun 2004; 2 birds (adult and immature) on pond across road from Dos Pos, 8 Mar 2005; 2 birds (1 adult), pond near entrance Washington-Slagbaai National Park, 31 Mar 2005 (all records see Ligon 2006). One specimen 1978 (ZMA).


Common Moorhen  *Gallinula chloropus*
Du: Waterhoen Ar: Gaito pico còrá Cu, Bo: Gaitu pik kòrá

**Range**  Semi-cosmopolitan in temperate and warm zones, absent from Australia.

**Habitat**  Freshwater marshes, and shore vegetations of ponds and pools.
Status Aruba
Locally rather common breeding resident since formation of the Bubali sewage ponds (1973) and in the permanent ponds of Tierra del Sol, 1997 (JHR). Curaçao Rather scarce breeding resident. Breeding suggested in 1956, 1971; nest with one egg, Klein Hofje, 17 Apr 1994 (DBD); breeding recorded from Dam Muizenberg, 27 Apr 1997 (adult and pulli seen, DMCP). Three specimens 1956 (ZMA). Bonaire Irregular breeding visitor. Juvenile birds observed at Onima reservoir, 14 Nov 1981 (FCL); 2 adults with 4 downy young, pond at Dos Pos, Jul 2000 (Ligon 2006).

Taxonomy Polytypic. Cu: breeding birds belong to the West Indian ssp G. c. cerceris, but in all 3 islands occurrence of other ssp, G. c. cachinnans from N and Middle America, or G. c. galeata from continental South America cannot be excluded.

American Coot Fulica americana
Du: Amerikaanse Meerkoet Ar: Gaito pico blancu, Kût Cu, Bo: Gaitu pik blanku, Kût
Range From S Canada to South America as far as N Chile; the West Indies.
Habitat Shallow freshwater lakes, ponds and marshes. In winter also deep lakes, brackish bays and estuaries.

Taxonomy Polytypic. Ar, Cu and Bo: most likely F. a. americana from temperate and warm N and Middle America.
Note In the collection of the ZMA is a subadult male (ZMA 28706: Dam Muizenberg, Curacao, 8 May 1955), originally labelled F. caribaea, with an extensive red bill knob. It is inseparable from F. americana of the same age. This subadult bird is in an adult plumage mixed with still fairly fresh juvenile feathers on head and neck, a stage reached a few months after hatching, suggesting a laying date somewhere in mid-winter, which seems to exclude the possibility that the bird is a stray from North America (Prins et al. 2005). On account of the occurrence of mixed pairs (like the one at Malpais in 1971) some authors have considered F. americana and F. caribaea conspecific (Payne & Master 1983, Voous 1983, 1985).

Caribbean Coot Fulica caribaea
Du: Caribische Koet Ar: Gaito frente blancu, Kût Cu, Bo: Gaitu frente blanku, Kût
Range The West Indies and NW Venezuela.
Habitat Freshwater lakes, ponds and marshes.
Status Rather common breeding resident on Aruba and Curaçao. Seen and found breeding when and where freshwater ponds are present. Curacao Since formation of Klein Hofje, Dam Muizenberg, and the Dam of Malpais present throughout the year. On 21 Jun 1997 more than 800 birds counted at Dam Muizenberg (DBD) and 29 Apr–20 May 2005 c. 600 birds (LS). Four specimens, 1955 (2), 1956 (2) (ZMA). Bonaire Irregular breeding visitor, depending on freshwater ponds. Abundantly breeding early 1986 after three months of heavy rain (FCL); 4 active nests, 2 of these with downy chicks in temporary pool near entrance of Washington-Slagbaai National Park, Mar 2000; 3 nests with a total of 9 chicks and 3 nests with eggs, Onima, 14 Mar 2001; 40–50 young of various ages on pond near entrance of Washington-Slagbaai National Park, 18 Feb 2005, first young seen in late December (all records Ligon 2006). Two specimens, 1980, 1982 (ZMA).

Taxonomy Monotypic.

ARAMIDAE

Limpkin Aramus guarauna
Du: Koerlan Ar, Cu, Bo: Garao
Range Southeastern part of the USA, Greater Antilles, and from S Mexico south to South America as far as Ecuador W of Andes, and Argentina E of Andes. Fairly common in Venezuela (Hilty 2003).
Habitat Freshwater marshes, swamps, mangroves.
Status Aruba Casual visitor. One bird, Cerro Colorado, Feb 1975 (R. Stanley, colour-slides examined by KHV);

**Taxonomy** Polytypic. Ar: A. g. guarauna from N South America.

### BURHINIDAE

**Double-striped Thick-knee** *Burhinus bistriatus*

**Du:** Caribische Griel Ar, Cu, Bo: Snepi di mondi

**Range** From S Mexico through Central America to N South America, Hispaniola in the Greater Antilles. Fairly common to common in Venezuela (Hilty 2003).

**Habitat** Arid scrub, savannas, open woodland.

**Status** Aruba No records. Curacao Casual visitor. One record, Piscadera Baai, Jul 1934, (photo of captured bird in de Jong 1948: plate 1). Status of the species difficult to ascertain, as it is essentially crepuscular and nocturnal, resting inconspicuously during the day. Rutten (1931) mentions two local names for the species (Krabétsj, Alcaraván), and de Jong (1948) reports several unconfirmed records from western Curacao, indicating that it may have been more common than this single record suggests. Bonaire No records.

**Taxonomy** Polytypic. Cu: tentatively identified by Vouus (1983) from the single photograph as *B. b. vocifer* of N South America, but races difficult to separate owing to considerable individual variation.

### HAEMATOPODIDAE

**American Oystercatcher** *Haematopus palliatus*

**Du:** Amerikaanse Bonte Scholekster Ar, Cu, Bo: Kibra kokolishi, Shon Piet

**Range** From the Atlantic and Gulf coast of the USA and along the Pacific coast from Baja California south to South America as far as C Chile and S Argentina; the West Indies.

**Habitat** Rocky and sandy seacoasts, tidal mudflats.

**Status** Aruba Rather scarce breeding resident. Breeding first recorded San Nicolas Bay keys, Jun 1987 (RVH, colour-slides examined by KHV); also breeding in same location, 17 May–3 Jun 1989 (RVH). One specimen 1908 (FMNH). Curacao Non-breeding visitor in small numbers, also on Klein Curacao. Six specimens, 1952 (3), 1954 (2), 1961 (ZMA). Bonaire Scarce breeding visitor. First breeding observed near Pekelmeer 1968 (Vouus 1983); beach of Boca Onima, 1971 (SS); Playa Chiquitu, 29 May 1975 (FCL et al.); breeding suspected on Klein Bonaire. One specimen 1930 (RMNH).

**Taxonomy** Polytypic. Ar, Cu, Bo: *H. p. palliatus* of North and South America and the West Indies.

### RECURVIROSTRIDAE

**Black-winged Stilt** *Himantopus himantopus*

**Du:** Steltkluat Ar, Cu, Bo: Snepi hudiu, Macamba, Kaweta di patu, Redadó

**Range** Worldwide in tropical and subtropical zones.

**Habitat** Shallow marshes, ponds, flooded fields and mudflats.

**Status** Rather common breeding resident and non-breeding visitor in varying numbers. Found on muddy shores and saltponds, but also along permanent or temporary freshwater ponds inland. Curacao Two specimens 1892 (AMNH); 7 specimens, 1951, 1952 (3), 1954 (2), 1953 (ZMA). Bonaire Groups of up to 400 birds have been observed at Lac. At least 500 birds seen in mangrove marsh near junction with Sorobon road, 1 Nov 2001 (Ligon 2006). One specimen, Klein Bonaire, 1930 (RMNH); 2 specimens 1951 (ZMA).

**Taxonomy** Polytypic. Ar, Cu, Bo: *H. h. mexicanus* of S USA, N South America and the West Indies.

**American Avocet** *Recurvirostra americana*

**Du:** Amerikaanse Kluit Ar: Kaweta di pato boka lantá Cu, Bo: Kaweta di patu boka lantá

**Range** Temperate North America. In winter along coasts south of the breeding range as far as Honduras, and rarely in the West Indies to Bahamas and Cuba. Casual in Caribbean south to Barbados (Raffaele et al. 1998). No records from Venezuela (Hilty 2003).

**Habitat** Marshes, mudflats, estuaries, ponds and lakes.

**Status** Aruba and Curacao No records. Bonaire Casual visitor. One sight record of 2 birds, lagoon at Lac, 7 Mar 1979 (Mr and Mrs A. Patunoff).

**Taxonomy** Monotypic.
**CHARADRIIDAE**

■ **Southern Lapwing**  *Vanellus chilensis*

**Du:** Chileense Kievit Ar, Cu, Bo: Kivit sur-amerikano

**Range** Almost whole of South America

**Habitat** Grassland, savannas, open marshes.

**Status Aruba** Irregular non-breeding and likely casual breeding visitor in small numbers. Sight record from Bubali, 6 Jun 1979 (AK, EJ, colour-slide examined by KHV); 1 bird, 30 May 2001 (R.L. Norton and A. White); 2 birds, Tierra del Sol, 30 Mar 2003; 2 birds, Tierra del Sol, breeding suspected on account of their aggressive behaviour, 26 Mar–3 Apr 2004 (Mlodinow 2005); another bird elsewhere at the same locality, same date; nest defense behaviour was also observed from a pair at Tierra del Sol, 12–16 Mar 2005 (all records SGM and CB).

**Curaçao** Casual visitor. One bird, Klein Hofje, 17 May 2004 (AOD).

**Bonaire** Casual visitor. First record of 2 birds on freshwater pond near entrance of Washington-Slagbaai National Park, 23 May 2006; 3 birds (2 behaving as if paired), same place, 6 Jun 2006; 2 birds, same place 18 Oct 2006 (JCL and others in Ligon 2006).

**Taxonomy** Polytypic. Ar and possibly also Cu, Bo: *V. c. cayennensis* from N South America. Syn. *Belonopterus chilensis*.

■ **American Golden Plover**  *Pluvialis dominica*

**Du:** Amerikaanse Goudplevier Ar: Lopi dorado Cu, Bo: Lopi dorá

**Range** Northern North America. Migrates in winter to C and S South America.

**Habitat** Tundras. In winter mudflats, beaches, grassland.

**Status** Non-breeding visitor in rather small numbers. In autumn mostly between Sep–Nov (earliest 7 Sep). Also recorded in Dec (Curaçao) and Jan, Feb (Bonaire). In spring rapid passage between the second half of Apr and the middle of May (J. Rooth). **Aruba** Late record of a single bird in the northwestern part of the island, 28 May 1985 (RH). One specimen 1973 (ZMA). **Curaçao** A group of 25 birds at St. Michiel lagoon, 17 Oct 2001 (R. Hoekstra and M. van den Berg); another group of 15 birds at the saliña’s on the road to Bullenbaai, 31 Oct 2001 (M. van den Berg, H. Lo-Sioe-Fon and R. Wellens). Six specimens, 1951 (3), 1954 (2), 2003 (ZMA). **Bonaire** One bird in non-breeding plumage, Slagbaai, 26 Sep 1997 (Ligon 2006). One specimen 1929 (USNM); 1 specimen 1988 (ZMA).

**Taxonomy** Monotypic.

■ **Grey Plover/Black-bellied Plover**  *Pluvialis squatarola*

**Du:** Zilverplevier Ar: Lopi gris Cu, Bo: Lopi shinishi

**Range** High arctic of North America and Eurasia. In winter along coasts of USA, Middle and South America, and the West Indies. The Eurasian birds winter along almost all coasts of the Eastern Hemisphere from 55° N southward.

**Habitat** Arid arctic tundra. In winter beaches, ponds, lakes, mudflats.

**Status** Regular non-breeding visitor in varying numbers. Some birds are recorded throughout the year, but numbers increase during migration periods. **Aruba** One specimen 1892 (AMNH); 4 specimens 1908 (FMNH); 1 specimen 1930 (RMNH); 2 specimens, 1951, *sine die* (ZMA). **Curaçao** Several autumn records for Klein Curaçao. Six specimens, 1951 (2), 1952 (2), 1954, 1955 (ZMA). **Bonaire** One specimen 1951 (ZMA).

**Taxonomy** Polytypic. Ar, Cu, Bo: *P. s. cynosurae* from N Canada.

■ **Semipalmated Plover**  *Charadrius semipalmatus*

**Du:** Amerikaanse Bontbekplevier Ar, Cu, Bo: Lopi semipalmado

**Range** Low arctic North America. In winter along coasts of S USA, Middle and South America, including the West Indies.

**Habitat** Sandy areas and grassy or mossy tundra. In winter beaches, ponds, lakes, tidal mudflats.

**Status** Regular non-breeding visitor in varying numbers. One of the commonest waders during migration, but recorded throughout the year. **Aruba** Five specimens 1908 (FMNH); 2 specimens 1930 (RMNH); 4 specimens, 1951 (3), 1961 (ZMA). **Curaçao** One specimen 1930 (RMNH); 11 specimens, 1951 (3), 1952 (6), 1954 (2) (ZMA). **Bonaire** One specimen 1930 (RMNH).

**Taxonomy** Monotypic.
Wilson’s Plover  *Charadrius wilsonia*

**Du:** Dikbekplevier  
**Ar:** Lopi pico diki  
**Cu, Bo:** Lopi pik diki

**Range** From Baja California south to N Peru and from E USA to NE Brazil, most of the West Indies. In winter from Florida south along the coasts of tropical South America.

**Habitat** Sandy beaches, tidal mudflats.

**Status** Rather scarce irregular breeding visitor and scarce winter visitor from North America. 

**Aruba** Two specimens (*C. w. cinnamominus*) 1892 (AMNH); 8 specimens (*cinnamominus*) 1908 (FMNH); 2 specimens (*cinnamominus*) 1930 (RMNH); 2 specimens (*cinnamominus*) Hadicurari, 7 Apr 1952 (ZMA); 1 specimen (*C. w. wilsonia*) Hadicurari, 7 Apr 1952 (ZMA).

**Curaçao** One specimen 1930 (RMNH); 11 specimens (ssp *cinnamominus*), 1951 (3), 1952 (4), 1953, 1954, *sine die* (2) (ZMA). 

**Bonaire** One bird probably of ssp *C. w. wilsonia* at Lake Goto, 24 Oct 1979 (KHV); two sight records of *C. w. beldingi*: 3 adult birds near airport, 8 Jun 1985, and 2 adults at Cai, 30 Jun 1985 (FCL); 2 birds, Lac, 16 Aug and 1 bird Lake Goto, 17 Aug 1992 (LS); 16–18 birds observed in Jul 2001, including 8–10 birds at Lac among which 1 chick and 6 birds observed on Klein Bonaire in Jul 2001, including 1 pair that possibly had eggs or young nearby (both records Wells & Childs Wells 2006). One specimen (ssp *cinnamominus*) 1908 (FMNH); 2 specimens 1930 (RMNH); 1 specimen (ssp *cinnamominus*) 1969 (USNM); 6 specimens (ssp *cinnamominus*), 1951 (2), 1952 (2), 1961 (2) (ZMA).

**Taxonomy** Polytypic. Ar, Cu, Bo: primarily *C. w. cinnamominus* from the Caribbean coast of Colombia and Venezuela, including the offshore islands. *C. w. wilsonia* from the Atlantic coast of SE USA and *C. w. beldingi* from the Pacific coast, C Baja California to Panama, have been recorded from Aruba and Bonaire. It is likely that all three races occur on all 3 islands.

Killdeer  *Charadrius vociferus*

**Du:** Killdeerplevier  
**Ar, Cu, Bo:** Lopi killdeer

**Range** From boreal and temperate North America, south to C Mexico, Bahamas, Greater Antilles and the Pacific coast of Peru and Chile. In winter throughout temperate North America, Middle America, the West Indies and NW South America. Fewer than 10 records from Venezuela (Hilty 2003).

**Habitat** Grassland, lakes, ponds and rivers. In winter plowed fields, mudflats and coastal beaches.

**Status** Aruba Rather scarce non-breeding visitor and breeding resident. Regularly breeding near Bubali since 1979; 14 birds observed there, including breeding pair with young and several others showing behaviour indicating nesting, 22 May–7 Jun 1984 (T. van Ingen, RVH); pulli seen at Tierra del Sol, 26 Jul 1982 (DFM, TDK); mating observed Tierra del Sol, Apr 1989 (JHR); 2 adults and 3 pulli, 18 Feb 1997 (EJ); 1 pair with downy chick and possible second breeding pair, Tierra del Sol, 12–18 Mar 2005; 1 possible breeding pair, Malmok Salt pans, 12–18 Mar 2005 (both SGM and CB). One specimen 1951 (ZMA).

**Curaçao** Rather scarce non-breeding visitor and scarce breeding resident. First breeding record Klein Hofje, 19 Jun 1988, adults and a pullus observed (J. Vogel, photo examined); second record, Klein Hofje, 29 May 1994 (BDB); pullus observed, Klein Hofje, 3 Jun 1995 (BDB). Two specimens, 1951, 1960 (ZMA).

**Bonaire** Regular non-breeding visitor in small numbers, mainly present during the winter months. One specimen 1951 (ZMA).

**Taxonomy** Polytypic. Ar, Cu, Bo: probably the North American ssp *C. v. vociferus*.

Piping Plover  *Charadrius melodus*

**Du:** Dwergplevier  
**Ar:** Lopi melódico  
**Cu, Bo:** Lopi melódiko

**Range** Temperate North America. In winter along Atlantic coast of SE USA, Gulf coast south to Yucatán, Bahamas and Greater Antilles. Casual farther south, with reports only from St. Kitts and Barbados in Lesser Antilles and from SW Ecuador (AOU 1998).

**Habitat** Sandy beaches, inland sandy and alkaline shores of shallow lakes. In winter primarily sandy beaches and tidal mudflats.

**Status** Aruba and Curaçao No records. Bonaire Casual visitor. One record from Pekelmeer, Salt Works, 18 Jan 1977 (FCL); a possible second sighting from the same location, 16 Jun 1982 (FCL); a plover paler than the snowy plover with conspicuous yellow legs may have been this species, south end of island near Salt Pier, last week Oct 2002 (D. Henderson in Ligon 2006).

**Taxonomy** Monotypic.
Kentish Plover *Charadrius alexandrinus*

**Du:** Strandplevier **Ar:** Lopi blanco **Cu, Bo:** Lopi blanku

**Range** Almost cosmopolitan, but not in areas with boreal climates.

**Habitat** Sandy beaches, open flats near brackish or saline lakes, lagoons and ponds.

**Status** Generally present in small numbers from Feb till Oct on all three islands. **Aruba** Regular non-breeding visitor in rather small numbers. Possibly declining, and not seen in 1998 or 1999 (DFM). **Curaçao** Scarce breeding resident. Most nests with eggs have been recorded between May and Jul; early record of downy chicks in the second half of Mar 1953 (P.H.A. Bronneberg). Three specimens 1954 (ZMA). **Bonaire** Scarce breeding resident. Formerly the species may have been more abundant as Rutten (1931) reports it to be common. Breeding pairs and recently fledged young have been observed at Lake Goto, 10 May–10 Jun 1930 (Rutten 1931); downy chicks between Feb (P.A.W.J. de Wilde) and early Sep (FCL); 4 juveniles at saltpan along road to Cai, 8 Jun 2001 (Ligon 2006); 40 birds observed over a 4-day period in different parts of the island, of which 7 pairs showed evidence of breeding, also 6 adults and 1 chick on Klein Bonaire, Jul 2001 (Wells & Childs Wells 2006); few winter records, e.g. 4 birds near Sorobon, 29 Dec 2001 (JCL, J. and A. Watson, D. Preter in Ligon 2006). Three specimens 1930, including one from Klein Bonaire (RMNH); 6 specimens, 1952 (5), 1980 (ZMA).

**Taxonomy** Polytypic. **Ar, Cu, Bo:** *C. a. nivosus* of North America and the West Indies.

Collared Plover *Charadrius collaris*

**Du:** Kraagplevier **Ar:** Lopi coyar **Cu, Bo:** Lopi koyar

**Range** Coastal areas from C Mexico, south through Central America to South America, including islands off Venezuela, south as far as W Peru and C Argentina.

**Habitat** Coastal and riverine sand beaches, lakes, ponds.


**Taxonomy** Monotypic.

JACANIDAE

Wattled Jacana *Jacana jacana*

**Du:** Leljacana **Ar, Cu, Bo:** Jacana

**Range** From Panama in Central America south to NW Peru and C Argentina. Common in N Venezuela (Hilty 2003).

**Habitat** Marshes, ponds, lakes, rivers, areas with floating vegetation.

**Status** **Aruba** No records. **Curaçao** Casual visitor. One bird, Piscadera Baai, 21 Aug 1980 (BDB); 1 bird observed at Klein Hofje, 15 Mar 1992 (BDB). **Bonaire** Casual visitor. One bird found freshly dead, on an unspecified beach, 1971 (FCL).

**Taxonomy** Polytypic. **Cu, Bo:** *J. j. intermedia* from N Venezuela.
Plate 19. Santa Cruz, mangroves. (Photo A. Debrot)

Plate 20. Saliña Jan Kok. (Photo A. Debrot)
Plate 21. Jan Thiel, saltpan. (Photo G. van Buurt)

Plate 22. Boka Moisí. (Photo G. van Buurt)

Plate 23. Saliña Playa Funchi. (Photo A. Debrot)
Plate 24A. Washington-Slagbaai National Park, Saliña Matijs (wet season). (Photo B. Denneman/Vogelbescherming)

Plate 24B. Washington-Slagbaai National Park, Saliña Matijs (dry season). (Photo B. Denneman/Vogelbescherming)

Plate 25. Washington-Slagbaai National Park, Mt. Brandaris on background. (Photo A. Debrot)
Plate 26. Washington-Slagbaai National Park, extreme deforestation. (Photo A. Debrot)

Plate 27. Washington-Slagbaai National Park, sand dunes. (Photo B. Denneman/Vogelbescherming)
Plate 28. Saliña Slagbaai. (Photo A. Debrot)


Plate 30. Piedra Cruz. (Photo B. Denneman/Vogelbescherming)
Plate 31. Put Bronswinkel. (Photo A. Debrot)

Plate 32. Lac, mangroves. (Photo B. Denneman/Vogelbescherming)
Plate 33. Blue-winged Teal *Anas discors*. (Photo G. van Buurt)

Plate 34. Black-bellied Whistling Duck *Dendrocygna autumnalis*. (Photo G. van Buurt)
Plate 35. White-cheeked Pintail *Anas bahamensis*.
(Photo S. Mlodinow)

Plate 36. Scarlet Ibis *Eudocimus ruber*.
(Photo G. van Buurt)

Plate 37. Least Grebe *Tachybaptus dominicus*.
(Photo G. van Buurt)

Plate 38. Pied-billed Grebe *Podilymbus podiceps*.
(Photo G. van Buurt)
SCOLOPACIDAE

■ Common Snipe *Gallinago gallinago*

-Du: Watersnip Ar, Cu, Bo: Snepi di awa

-Range: Boreal and temperate North America and Eurasia. In winter in southern part of the breeding range, south through Middle America to NW South America, from Ecuador to Surinam; the West Indies. In Eurasia in southern part of the breeding range south to S Europe, Asia and C Africa.

-Habitat: Wet, grassy areas. In winter flooded fields, bogs, marshes.


-Taxonomy: Polytypic. Ar, Cu, Bo: *G. g. delicata* from North America.

-Note: Recently *G. delicata* has been considered as a separate species (Banks et al. 2002).

■ Short-billed Dowitcher *Limnodromus griseus*

-Du: Kleine Grijze Snip Ar: Snepi gris chikito, Snepi Cu, Bo: Snepi gris chikí, Snepi

-Range: Subarctic Canada and coastal S Alaska. In winter both coasts of temperate USA, Middle America, south to South America as far as coastal C Peru on the Pacific and coastal C Brazil on the Atlantic, the West Indies.

-Habitat: Grassy or mossy tundra, muskegs, bogs and wet meadows. In winter tidal mudflats, estuaries, beaches, ponds and pools.

-Status: Regular non-breeding visitor in small numbers. Found throughout the year, but most numerous during migration periods. Curaçao: Four specimens, 1954 (3), 1955 (ZMA).

-Taxonomy: Polytypic. Ar, Cu, Bo: *L. g. griseus* from E Canada.

■ Long-billed Dowitcher *Limnodromus scolopaceus*

-Du: Grote Grijze Snip Ar, Cu, Bo: Snepi gris grandi

-Range: Arctic NW Canada, inland Alaska and NE Siberia. In winter south from W North America to Panama, Gulf coast and S Florida. Casual in Lesser Antilles south to Barbados (Raffaele et al. 1998), but no definitive records from South America (AOU 1998).

-Habitat: Grassy tundra, bogs, muskegs and wet meadows. In winter marshes, mudflats, ponds, lakes and flooded fields.


-Taxonomy: Monotypic.

-Note: Owing to the great difficulty of separating non-breeding Short-billed and Long-billed Dowitchers it is not certain whether the Long-billed Dowitcher may be a regular non-breeding visitor. If so, this would be an extension of the known winter range (AOU 1998).

■ Hudsonian Godwit *Limosa haemastica*

-Du: Rode Grutto Ar: Lopi córá Cu, Bo: Lopi kórá

-Range: Local in arctic and subarctic North America. Migrates in winter to the Atlantic coast of South America, from S Brazil to Tierra del Fuego.

-Habitat: Grassy tundra near water. In winter marshes, flooded fields and tidal mudflats.

Park, 3 Nov 2000 (JCL); 1 bird, Cai, 21 Sept 2002 (JCL); 1 bird with Short-billed Dowitchers, salina near Harbour Village Marina, 25 Sept 2002 (JCL) (for all JCL records see Ligon 2006).

**Taxonomy** Monotypic.

### Whimbrel  *Numenius phaeopus*

**Du:** Regenwulp  
**Ar:** Lopi piku doblá  
**Cu, Bo:** Lopi pik doblá

**Range** Low arctic and boreal North America and Eurasia. In winter from coastal areas of E and W USA and Middle America to S Chile and S Brazil; the West Indies. The Eurasian population migrates south to the coasts of Africa, Asia and Australasia.

**Habitat** Tundra. In winter beaches, rocky coasts, tidal mudflats, marshes, estuaries, flooded fields, pastures.

**Status** Regular non-breeding visitor in varying numbers. Seen throughout the year, but most common during migration periods. Primarily along the coast, but also at freshwater pools and wet areas. **Curaçao** One specimen of ssp *hudsonicus* collected at Klein Curaçao 1981 (ZMA).

**Note** In recent literature *N. p. rufiventris* is no longer recognized as distinct subspecies.

### Upland Sandpiper  *Bartramia longicauda*

**Du:** Bartrams Ruiter  
**Ar, Cu, Bo:** Snepi Bartram

**Range** Boreal and temperate North America. In winter from Surinam and N Brazil to Uruguay and C Argentina (AOU 1998).

**Habitat** Grassland, prairies, pastures, open woodland. In winter also shores and mudflats.

**Status** Aruba Casual visitor. One bird, Bubali, Nov 1978 (AK, colour-slide examined by KHV). **Curaçao** Casual visitor. One bird, Rif, 30 Aug 1956 (HJK); 1 bird, Klein Hofje, 12 Feb 1993 (BDB). One specimen 1956 (ZMA).

**Bonaire** Casual visitor. One bird, Pekelmeer, 25 Aug 1977 (FCL, colour-slide examined by KHV); 1 bird, Zuidweg, 22 Oct 1984 (FCL).

**Taxonomy** Monotypic.

### Greater Yellowlegs  *Tringa melanoleuca*

**Du:** Grote Geelpootruiter  
**Ar, Cu, Bo:** Sniepi Bartram

**Range** Low arctic North America. In winter coastal and S USA, Middle America, South America and the West Indies.

**Habitat** Bogs, muskegs, ponds, lakes, open woodland. In winter flooded fields, lagoons, coastal mudflats.

**Status** Regular non-breeding visitor in varying numbers. Present throughout the year, mostly in smaller numbers than Lesser Yellowlegs and most numerous in winter. Often in company of Lesser Yellowlegs and Black-winged Stilt. **Aruba** Three specimens 1908 (FMNH); 1 specimen 1978 (ZMA). **Curaçao** Four specimens, 1951 (3), 1954 (ZMA). **Bonaire** One specimen 1892 (AMNH); 1 specimen 1908 (FMNH); 1 specimen 1930 (RMNH); 2 specimens 1951 (ZMA).

**Taxonomy** Monotypic.

### Lesser Yellowlegs  *Tringa flavipes*

**Du:** Kleine Geelpootruiter  
**Ar:** Snepi pia hel chikito  
**Cu, Bo:** Sniepi pia hel chikitu

**Range** Arctic and subarctic North America. In winter coastal S USA, Middle America, South America and the West Indies.

**Habitat** Tundra, bogs. In winter marshes, flooded fields, ponds, mudflats.

**Status** Regular non-breeding visitor in rather large numbers. Present throughout the year but most numerous in winter. Commonly seen and heard, often in company of Greater Yellowlegs and Black-winged Stilt. For instance, mixed flocks of 200–300 Yellowlegs have been recorded on Bonaire (FCL). **Aruba** One specimen 1908 (FMNH). **Curaçao** One specimen 1930 (RMNH); 22 specimens, 1951 (14), 1952 (4), 1955 (2), 1956, 1977 (ZMA). **Bonaire** One specimen 1909 (FMNH); 4 specimens, 1951 (2), 1954 (2) (ZMA).

**Taxonomy** Monotypic.
Solitary Sandpiper  *Tringa solitaria*

**Du:** Amerikaanse Bosruiter  
**Ar:** Snepi solidario  


**Habitat** Bogs and ponds in coniferous taiga forest. In winter flooded areas, mudflats, marshes.

**Status** Irregular non-breeding visitor in small numbers, dependent on the presence of freshwater ponds. **Aruba** Likely an annual migrant: 2 birds, Bubali, 23–28 Mar 2003 (SGM, CB); 2 birds, Bubali, 3–8 Aug 2003 (TDK, DFM); 1 bird, Bubali, 30 Mar 2004; 1 bird, Santa Cruz, 2–3 Apr 2004 and 1 bird, Tierra del Sol, 2–3 Apr 2004 (SGM and CB); 2 birds near Paradera, 15 Mar 2005 (SGM and CB). **Curacao** An unspecified record from 1990s (J. van der Woude); 1 bird, Dam Muizenberg, 3 May 2005 (LS). One specimen 1908 (FMNH); 6 specimens, 1951 (7), 1952, 1953, 1954 (2) (ZMA).

**Bonaire** Mostly between Sep and Feb (FCL). Two birds, Saliña Slagbaai, 30 Oct 1998 (JCL); 2 birds, Washington-Slagbaai National Park, 18 Sep 2002 (JCL, C. and C. Field) (both observations see Ligon 2006).

**Taxonomy** Polytypic. **Ar, Cu, Bo:** probably *T. s. solitaria* from NE North America.

Spotted Sandpiper  *Actitis macularius*

**Du:** Amerikaanse Oeverloper  
**Ar:** Snepi barika pintá  

**Range** Canada and N USA. In winter from S USA to tropical and subtropical South America and the West Indies.  

**Habitat** Sandy or muddy shores of streams, lakes, ponds, seacoasts. In winter also on rocky coasts.  

**Status** Regular non-breeding visitor in rather small numbers. Present throughout the year, but most numerous during migration periods and in winter. Birds in summer plumage have been recorded as early as 19 Apr (Aruba, J. Hilbrands) and as late as 7 Sep (Curacao, E. van Campen). **Aruba** One specimen 1908 (FMNH); 1 specimen 1988 (ZMA). **Curacao** One specimen 1930 (RMNH); 2 specimens 1892 (USNM); 12 specimens, 1951 (7), 1952, 1953, 1954 (3) (ZMA).

**Taxonomy** Monotypic.

**Note** A single bird photographed by I. Roos at Zakito, Curacao 13 Dec 2003, was at first tentatively identified as Wandering Tattler *Heteroscelus incanus*, but depicts almost certainly a Spotted Sandpiper.

Willet  *Catoptrophorus semipalmatus*

**Du:** Willet  
**Ar:** Snepi ala di strepi  

**Range** South C Canada, NC USA and from Nova Scotia south along the Atlantic coast to S Florida, Gulf coast, the West Indies. In winter along coasts of S USA, Middle America, south to C Chile and S Brazil, the West Indies.  

**Habitat** Marshes, lakes, ponds, beaches. In winter also rocky shores, tidal mudflats and shallow waters.  


**Taxonomy** Polytypic. **Ar, Cu, Bo:** both *C. s. inornatus* from SC Canada and NW USA and *C. s. semipalmatus* from coastal E North America have been recorded.

**Note** *C. s. inornatus* and *C. s. semipalmatus* may represent separate species (SGM in litt.).

Ruddy Turnstone  *Arenaria interpres*

**Du:** Steenloper  
**Ar:** Totolica di awa  
**Cu:** Totolika di awa, Giripitu  

**Range** Arctic North America and arctic Eurasia. In winter along almost all temperate, subtropical and tropical coasts.  

**Habitat** Tundra. In winter rocky coasts, beaches, lakes and tidal mudflats.  

**Status** Non-breeding visitor in varying numbers throughout the year, but numbers smaller in summer. **Aruba** One specimen 1892 (AMNH); 7 specimens 1908 (FMNH); 1 specimen 1930 (RMNH); 3 specimens, 1951, 1973 (2) (ZMA). **Curacao** Seventeen specimens, 1948, 1951 (7), 1952 (5), 1953, 1954, *sine die* (2) (ZMA). **Bonaire** Two specimens 1930 (RMNH); 3 specimens, 1951 (2), 1979 (ZMA).

**Taxonomy** Polytypic. **Ar, Cu, Bo:** *A. i. morinella* from N Canada and NE Alaska.
Red Knot  *Calidris canutus*

**Du:** Kanoet  
**Ar:** Snepi körá  
**Cu, Bo:** Snepi kórá

**Range** High arctic North America and Eurasia. In winter along the shores of the Gulf of Mexico and NE and S South America. In the Old World along W coasts of Europe, W and S Africa, S Asia, Australia and New Zealand.

**Habitat** Barren or stony tundra. In winter seacoasts, tidal mudflats, lake-shores, flooded fields.

**Status Aruba** Irregular non-breeding visitor in small numbers. One bird, Coral Strand, 16 Nov 1971 (EJ); same location (same bird?) 24 Nov 1971 (A.D. Heineman); 2 birds, Savaneta, 12–24 Aug 1984 (DFM, TDK); 1 bird, Bubali, 20 Sep 1988 (RVH et al.).  
**Curaçao** Casual visitor. One sight record, Malpais, 4 Nov 1962 (P.A. van der Werf).

**Bonaire** Regular non-breeding visitor in rather small numbers along the shores of the salt works (FCL, Mrs M. Hundley, A.L. Spaans). Largest number recorded along banks of Pekelmeer, 5 Feb 1983, over 175 birds (FCL); summer records: 3 birds, Pekelmeer, 9 Jul 2001; 1 bird, same locality, 11 Jul 2001; 1 bird, Sorobon on 1, 13 and 15 Jul 2001 (all records C. Powell in Ligon 2006).

**Taxonomy** Polytypic. Ar, Bo, Cu: *C. c. rufa* from arctic Canada.

Sanderling  *Calidris alba*

**Du:** Drieteenstrandloper  
**Ar:** Snepi blanco  
**Cu, Bo:** Snepi blanku

**Range** High arctic North America and Eurasia. In winter along almost all coasts of the USA, Middle America, South America and the West Indies. In the Old World along coasts between approximately 50° N and 50° S.

**Habitat** Dry sedge, barren or stony tundra. In winter mainly sandy beaches, more rarely mudflats.

**Status** Regular non-breeding visitor in small numbers. Recorded throughout the year.  
**Aruba** One specimen 1908 (FMNH); 1 specimen 1951 (ZMA).  
**Curaçao** One specimen 1954 (ZMA).  
**Bonaire** Two specimens 1930 (RMNH); 4 specimens 1951 (ZMA).

**Taxonomy** Polytypic. Ar, Bo, Cu: *C. a. rubida* from NE Siberia and arctic North America.

Semipalmated Sandpiper  *Calidris pusilla*

**Du:** Grijze Strandloper  
**Ar:** Snepi gris  
**Cu, Bo:** Snepi pia pretu

**Range** Arctic North America. In winter along coasts from Central America to N Chile and S Brazil, the West Indies.

**Habitat** Open tundra. In winter mudflats, beaches, shallow lakes and ponds, flooded fields.

**Status** Regular non-breeding visitor in varying numbers, recorded in all periods of the year. Largest numbers during migration in Oct and Mar. Recoveries of ringed birds in Aruba and Bonaire show that Canadian birds arrive as early as Aug (EJ, FCL).  
**Aruba** Three specimens 1908 (FMNH); 5 specimens, 1973, 1978 (4) (ZMA).  
**Curaçao** Two specimens 1930 (RMNH); 12 specimens, 1951 (5), 1952 (2), of which 1 on Klein Curaçao), 1954 (4), 1974 (ZMA).  
**Bonaire** Two specimens 1930 (RMNH); 16 specimens, 1951 (12), 1952, 1979, 1981, 1983 (ZMA).

**Taxonomy** Monotypic.

Western Sandpiper  *Calidris mauri*

**Du:** Alakastrandloper  
**Ar, Cu, Bo:** Snepi mauri

**Range** Alaska and NE Siberia. In winter along coasts of the USA, Middle America, N South America and the West Indies.

**Habitat** Coastal sedge tundra. In winter tidal mudflats, beaches, ponds, flooded fields.

**Status Aruba and Curaçao** Non-breeding visitor in rather small numbers. Present throughout the year, but most numerous during autumn migration from the end of July onwards.  
**Curaçao** Six specimens, 1951, 1954 (5) (ZMA).  
**Bonaire** Non-breeding visitor. Occasionally recorded in rather large numbers, such as >200 near Harbour Village Marina, 24 and 25 Sep 2002 (Ligon 2006) Four specimens, 1951 (2), 1952, sine die (ZMA).

**Taxonomy** Monotypic.

Least Sandpiper  *Calidris minutilla*

**Du:** Kleinste Strandloper  
**Ar:** Snepi chikito  
**Cu, Bo:** Snepi chikí

**Range** Arctic and subarctic North America. Winters from S USA, Middle America, to N South America and the West Indies.

**Habitat** Mossy or grassy tundra. In winter mudflats, beaches, marshes, flooded fields, shallow lakes and ponds.

**Status** Non-breeding visitor in varying numbers. Present the year round, but largest numbers in Oct–Nov.  
**Aruba**
Five specimens 1908 (FMNH); 3 specimens 1951 (ZMA). Curaçao Eleven specimens, 1951 (7), 1952 (2), 1954 (2) (ZMA). Bonaire One specimen 1892 (AMNH); 15 specimens, 1951 (13), 1952, 1990 (ZMA).

**Taxonomy** Monotypic.

**Note** Owing to the difficulty of identification in the field it is hard to assess the relative abundance of Semipalmated, Western and Least Sandpiper in the islands.

### White-rumped Sandpiper *Calidris fuscicollis*

**Du:** Bonapartes Strandloper Ar, Cu, Bo: Snepi Bonaparte

**Range** Arctic North America. Winters in S South America as far as Tierra del Fuego.

**Habitat** Mossy or grassy tundra. In winter mudflats, coastal lagoons, marshes, flooded fields, ponds and lakes.

**Status** Non-breeding visitor in small numbers. Mostly observed during migration in spring (Apr–Jun) and autumn (Sep–Nov). Apparently most numerous about the second half of May. Aruba Three specimens 1908 (FMNH); 1 specimen 1988 (ZMA). Curaçao A group of 22 birds, Dam Muizenberg, 29 Apr–20 May 2005 (LS). Two specimens 1954 (ZMA).

**Taxonomy** Monotypic.

### Baird’s Sandpiper *Calidris bairdii*

**Du:** Bairds Strandloper Ar, Cu, Bo: Snepi Baird

**Range** Arctic W North America and extreme NE Siberia. Winters in W and S South America as far as Tierra del Fuego. Though unrecorded in Venezuela (Hilty 2003), there is a scattering of records from the Lesser Antilles (Raffaele *et al.* 1998) and at least 2 records from Trinidad (ffrench 1991).

**Habitat** Dry coastal and alpine tundra. In winter inland wetlands or grassland, lakes, ponds, mudflats.

**Status** Aruba Casual visitor. One bird, Bubali, 8 Sep 1979 (EJ). Curaçao Casual visitor. One bird, Jan Thiel Lagoon, 28 May 1977 (KHV). Bonaire Irregular non-breeding visitor in small numbers. One bird, Lac, 15 Sep 1980 (FCL); 12 birds, Dos Pos, 18 May 1986 (FCL); 1 bird, Lac, 29 Nov 1989 (FCL); a greater influx of birds of this species has been seen in one case (mid-Nov 2000; JCL), probably as a result of poor weather conditions during migration.

**Taxonomy** Monotypic.

### Pectoral Sandpiper *Calidris melanotos*

**Du:** Gestreepte Strandloper Ar, Cu, Bo: Snepi strepi fini

**Range** Arctic North America and N Siberia. In winter south to S South America, SE Australia and New Zealand.

**Habitat** Wet coastal tundra. In winter wet grassland, flooded fields, ponds, pools and mudflats.


**Taxonomy** Monotypic.

### Dunlin *Calidris alpina*

**Du:** Bonte Strandloper Ar, Cu, Bo: Snepi alpino

**Range** Arctic and boreal North America and Eurasia. In winter along the Atlantic-Gulf-Caribbean coast from Massachusetts in the USA to the Yucatán Peninsula in Mexico and along the Pacific coast of North America from SE Alaska to Nayarit in Mexico. In Eurasia along coasts of W and S Europe, tropical and subtropical Africa and Asia. There are 2 undocumented reports from Venezuela (Hilty 2003) and records from Barbados, French Guiana, Peru, and Argentina (AOU 1998).

**Habitat** Wet coastal tundra. In winter mudflats, flooded fields, sandy beaches, lakes and ponds.

**Status** Aruba No records. Curaçao Casual visitor. One bird, Muizenberg, 18 Oct 2005 (J. and I. Roos, colour-photo examined). Bonaire Irregular non-breeding visitor in small numbers. One bird, Lake Goto, 29 Mar 1985 (FCL and KHV); 1 bird, Pekelmeer, 10 Apr 1985 (P. Boyer); 2 birds, not in summer plumage, near the Kralendijk harbour, 4 Jun 1985 (FCL); 1 bird salinã Harbour Village Marina, 31 Aug 2002 (D. Walter in Ligon 2006).

**Taxonomy** Polytypic. Cu, Bo: ssp not established, but from known winter distribution most likely to be either *C. a. pacifica* from W Alaska, *C. a. arctica* from N Alaska, or *C. a. hudsonia* from C Canada.
**Stilt-Sandpiper** *Calidris himantopus*
Du: Steltstrandloper, Ar: Snepi pia largo, Cu, Bo: Snepi pia largu

**Range** W and C arctic North America. Winters in C South America with small numbers north to SW USA.

**Habitat** Sedge tundra. In winter shallow ponds and pools, mudflats and flooded fields.

**Status** Regular non-breeding visitor in varying numbers. **Curaçao** Two specimens, 1952, 1954 (ZMA). **Bonaire** Recorded throughout the year; flocks of up to 400 birds have been seen in saline lagoons of Pekelmeer, Lake Goto and at Cai (FCL, J. Rooth, A.L. Spaans). Two specimens 1952 (ZMA).


**Buff-breasted Sandpiper** *Tryngites subruficollis*
Du: Blonde Ruiter, Ar: Snepi blònt boca chikito, Cu, Bo: Snepi blònt boka chikí

**Range** C and W Arctic North America and extreme NE Siberia. Winters in Paraguay, Uruguay and N Argentina. Scarce spring migrant in Venezuela, but unrecorded there during autumn (Hilty 2003).

**Habitat** Dry grassy tundra. In winter dry grassland, pastures, plowed fields, dry mudflats.

**Status Aruba** No records. **Curaçao** Casual visitor. Two groups of about 10 birds, Dam Muizenberg, 1 Oct 2000 (BDB). **Bonaire** Casual visitor. One bird, Malmok, 10–11 Oct 1970 (RVH, slide examined by KHV); 1 bird, Pekelmeer, 23 Oct–1 Nov 1984 (FCL, RVH).

**Taxonomy** Monotypic.

**Wilson’s Phalarope** *Phalaropus tricolor*
Du: Grote Franjepoot, Ar: Snepi seha grandi, Cu, Bo: Snepi seha boca diki

**Range** Breeds in S and SC Canada and W and NC USA east to region of Great Lakes. Winters primarily in W and S South America. One record from Venezuela (Hilty 2003); rare in the West Indies south to Barbados (Raffaele et al. 1998).

**Habitat** Shallow marshy wetlands. In winter shallow ponds, flooded fields and mudflats.

**Status Aruba** No records. **Curaçao** Casual visitor. Two moultng juvenile birds, Jan Thiel, 22 Sep 2001 (R. Hoekstra description examined). **Bonaire** Irregular non-breeding visitor in small numbers. Two birds, Great Salt Lake, 25–27 Jan 1970 (P.A. and F.G. Buckley, colour-slides examined by KHV); 1 bird in same location, Jan 1971 (same observers); about 10 birds, Lake Goto, 8 Mar 1979 (Mr and Mrs A. Patunoff); 1 bird in adult winter plumage, Playa Lechi, 21 Sep 1984 (FCL); 2 birds, Lake Goto, 5 Mar 2002 (American Birding Association Group, D. Canterbury in Ligon 2006).

**Taxonomy** Monotypic.

**Red-necked Phalarope** *Phalaropus lobatus*
Du: Grauwe Franjepoot, Ar: Snepi seha boca fini, Cu, Bo: Snepi seha boka fini

**Range** Arctic North America and Eurasia. In winter primarily at sea off W South America, Arabian Sea, Philippines and Indonesia. Very rare in Greater Antilles and unrecorded farther south in the West Indies (Raffaele et al. 1998). No records from Venezuela (Hilty 2003).

**Habitat** Grassy ponds, marshes, bogs. In winter mostly pelagic. On migration lakes, ponds, marshes and estuaries.

**Status Aruba** No records. **Curaçao** Casual visitor. One moultng juvenile bird, Jan Thiel, 22 Sep 2001 (R. Hoekstra). **Bonaire** Casual visitor. Two records from the Great Salt Lake, 1 bird 25–27 Jan 1970 (colour-slides examined by KHV), and 2 birds 22–28 Jan 1971 (both records P.A. and F.G. Buckley).

**Taxonomy** Monotypic.

**Grey Phalarope/Red Phalarope** *Phalaropus fulicarius*
Du: Rosse Franjepoot, Ar: Snepi seha boca diki, Cu, Bo: Snepi seha boka diki


**Habitat** Marshy coastal tundra. In winter pelagic. In migration bays, estuaries, ponds, lakes and marshes.

**Status Aruba** and **Curaçao** No records. **Bonaire** Casual visitor. One record, Playa Frans, 7 Nov 1999 (JCL, C. Herzfeld in Ligon 2006).

**Taxonomy** Monotypic.
LARIDAE

Ring-billed Gull  *Larus delawarensis*
Du: Ringsnavelmeeuw Ar: Meuwchi pico renchi Cu, Bo: Kahela pik renchi

Range  Boreal and temperate North America. In winter south through the USA, Middle America and the Greater Antilles. Casual in Venezuela (Hilty 2003) and recorded as far south as mainland Ecuador, the Galapagos Islands, and Amazonian Brazil (AOU 1998).

Habitat  Seacoasts, marshes, lakes, rivers, ponds. In winter estuaries, bays, fields and urban areas.

Status  
- **Aruba**: Casual visitor. One bird in second-winter plumage, Hadicurari, 20 Jan 1972 (EJ, colour-slides examined by KHV); 1 first-winter bird, same locality, Dec 1978 (AK, colour-slide examined by KHV). **Curacao** No records. **Bonaire**: Casual visitor. One sub-adult, Great Salt Lake, 23 Jan–22 Mar 1970 (P.A. and F.G. Buckley, R. Soffer, colour-slide examined by KHV); one bird in second-winter plumage, mainly in harbour Kralendijk, 17 Jan–20 Feb 1982 (FCL, P. Boyer, colour-slides examined by KHV); 1 bird, coast near airport, Jun 2002 (R. Bartlett in Ligon 2006).

Taxonomy  Monotypic.

Great Black-backed Gull  *Larus marinus*
Du: Grote Mantelmeeuw Ar: Meuwchi lomba preto grandi Cu, Bo: Kahela lomba pretu

Range  Coasts of E North America, S Greenland, Iceland and N and W Europe. Winters south along the Atlantic coast south to Florida, N Gulf coast and the Greater Antilles. In Europe south to the Mediterranean. Recorded in Central America south to Belize and in the West Indies south to Barbados (AOU 1998). One published record from Venezuela is the only one from mainland South America (Hilty 2003).

Habitat  Rocky coasts and lakes. In winter coasts, beaches, estuaries and urban areas.

Status  
- **Aruba**: Casual visitor. One bird in almost fully adult plumage, Hadicurari coast, 24 Nov 1971–Feb 1972; 1 bird in similar or slightly more advanced adult plumage, same locality, 5 Nov–17 Dec 1972 (EJ and others, colour-slides examined by KHV). **Curacao** No records. **Bonaire**: Casual visitor. One record of a single bird, among Laughing Gulls and Royal Terns, inshore from Pink Beach, Pekelmeer, 16 Jan 2004 (JCL, C. Powell and others in Ligon 2006).

Taxonomy  Monotypic.

Herring Gull  *Larus argentatus*
Du: Zilvermeeuw Ar: Meuwchi gris Cu, Bo: Kahela gris

Range  North America and Eurasia from the coasts of W Europe across N Russia and Siberia. In winter south along both coasts of North America and through the USA as far as S Central America and the West Indies, though very rare south of Greater Antilles as far as Barbados. In Eurasia south to the Mediterranean region, Black and Caspian seas, N Indian Ocean and NW Pacific coast. Fewer than ten records from Venezuela (Hilty 2003).

Habitat  Seacoasts, tundra, lakes. In winter beaches, bays, estuaries, rivers and urban areas.

Status  
- **Aruba**: Irregular non-breeding visitor in small numbers. One bird, Beach of Hadicurari, 7 Nov 1972 (EJ); 1 bird, Bubali, 13 Mar 1975 (CJH) and 1 bird, 12 Jan and 15 Feb 1980 (EJ) (for all three records colour-slides examined by KHV); 1 immature bird on reef off harbour Oranjestad, 22 May and 9 Jun 1986 (RVH, colour-slides examined by P.D. Grant); 1 immature bird, San Nicolas Bay keys, 22 May 1987 (RVH). **Curacao** No records. **Bonaire**: Casual visitor. One bird, along road east of Rincon, 21 Jul 2000 (JCL, J. Lanier, B. Stefy in Ligon 2006).


Lesser Black-backed Gull  *Larus fuscus*
Du: Kleine Mantelmeeuw Ar: Meuwchi lomba preto chikito Cu, Bo: Kahela lomba pretu chikí

Range  NW Europe. In winter along coasts of W Europe, Africa, Red Sea, Persian Gulf and Arabian Sea. African lakes and rivers. Also increasingly in small to moderate numbers in NE North America from Labrador and Great Lakes south to Florida. Rare, but increasingly reported throughout the West Indies.

Habitat  Tundra, seacoasts, islands on inland lakes. In winter seacoasts, lakes, rivers, urban areas.

Status  
- **Aruba**: At least 8 records of dark-backed, yellow-legged gulls have been provisionally identified as this species, mostly on the basis of colour-slides (Voous 1977, 1983). **Curacao** and **Bonaire** No records.

Taxonomy  Polytypic. Ar: probably *L. f. graellsii* or *L. f. intermedius* from W Europe.
Common Black-headed Gull *Larus ridibundus*
Du: Kokmeeuw Ar: Meuwchi Oropeo Cu, Bo: Kahela Oropeo
Range From Greenland east through Eurasia to E Siberia. In winter uncommon along the Atlantic coast of NE USA, increasingly less numerous farther south; very rare throughout the West Indies. Has been recorded in Surinam, Trinidad, and French Guiana (AOU 1998). In the Old World from southern part of breeding range south to W and E Africa, India, S Asia and the Philippines, as far south as the Equator.
Habitat Lakes, rivers, bogs, moors, grassland, marshes. In winter also seacoasts, estuaries and bays.
Taxonomy Monotypic.

Bonaparte’s Gull *Larus philadelphia*
Du: Kleine Kokmeeuw Ar: Meuwchi Bonaparte Cu, Bo: Kahela Bonaparte
Range Interior boreal North America. In winter from Massachusetts along the Atlantic coast south to Florida, Gulf coast and the Greater Antilles. Along the Pacific coast from Washington south to N Mexico. Accidental in the West Indies south to Barbados and apparently unrecorded in mainland South America (AOU 1998).
Habitat Near ponds and lakes in open coniferous woodland. In winter seacoasts, bays, estuaries, marshes, lakes, rivers and flooded fields.
Status Aruba No records. Curaçao Casual visitor. One bird in winter plumage, lake Muizenberg, 9 Sep 2000 (BDB); 1 bird, lake Muizenberg, 16 Sep 2000 (BDB); 3 birds, lake Muizenberg, 1 Oct 2000 (BDB). Bonaire Casual visitor. One sight record of 2 adult birds in winter plumage, harbour of Kralendijk, 3 Sep 1959 (J. Rooth).
Taxonomy Monotypic.

Laughing Gull *Larus atricilla*
Du: Lachmeeuw Ar: Meuwchi haridó Cu, Bo: Kahela komun
Range Breeds on E coast of North America from S New Brunswick south to Florida, Gulf and Caribbean coast to N Venezuela and French Guiana, islands off Yucatán peninsula and the West Indies. On the Pacific coast NW Mexico. In winter Middle America, south to the coast of N Brazil and S Peru.
Habitat Seacoasts, bays, estuaries, breeding on densely vegetated inland islands. In winter also on cultivated fields.
Taxonomy Polytypic. Ar, Cu, Bo: the smaller West Indian ssp *L. a. atricilla*.

Franklin’s Gull *Larus pipixcan*
Du: Franklins Meeuw Ar: Meuwchi Franklin Cu, Bo: Kahela Franklin
Range C and S Canada and C USA. In winter mainly along Pacific coast from N Middle America south to S Chile. Casual throughout the West Indies (Raffaele et al. 1998). Several sight records from Venezuela (Hilty 2003).
Habitat Prairie marshes. In winter seacoasts, bays, estuaries, lakes, rivers, marshes, flooded fields.
Taxonomy Monotypic.
**Gull-billed Tern** *Sterna nilotica*

**Du:** Lachstern  
**Ar:** Stèrnchi nilótiko  
**Bo:** Meuchi nilótiko

**Range** Almost cosmopolitan in temperate, subtropical and tropical zones. Fairly common to common year-round along Venezuelan coast (Hilty 2003).

**Habitat** Sandy seacoasts, estuaries. In winter lagoons, plowed fields, lakes and rivers.

**Status** Irregular non-breeding visitor in small numbers. 

**Aruba** First recorded at Bubali, 2 juveniles, 17 Aug 1984 (DFM); 2 adults, same locality, 23 Aug 1984 (DFM); 2 adults and 2 juveniles, Bubali, 7–28 Sep 1988 (RVH and others); 1 second-year bird, Tierra del Sol, 17 Aug 1997 (DFM, TDK); 1 adult, Bubali, 22 Aug 1997 (DFM, TDK); 5 adults, Bubali, no date (DFM); 3 birds, Spanish Lagoon, Aug 1997 (T. White); one spring record: 1 bird, Malmok salt pans, 14 Mar 2005 (SGM and CB).


**Bonaire** Nine records between 1962 and 1981; 2 adults near airport, 11 Sep 1985 (FCL); 1 bird, saliña near Harbour Village Marina, 23 Sep 2002 (JCL); 1 bird, saliña near Pink Beach, 14 Jan 2004 (C. Powell in Ligon 2006).

**Taxonomy** Polytypic. Ar, Cu, Bo: although the ssp *S. n. aranea* from E USA, Bahamas and Greater Antilles has been collected on Curaçao in 1956 and 1959, the South American ssp *S. n. groenvoldi* cannot be excluded. Syn. *Gelochelidon nilotica*.

**Caspian Tern** *Sterna caspia*

**Du:** Reuzenstern  
**Ar:** Stèrnchi gigante  
**Bo:** Meuchi gigante

**Range** Almost cosmopolitan, but very local. Not breeding in South America and the West Indies. Regular visitor in small numbers to Venezuela coast, including a few summer records (Hilty 2003).

**Habitat** Seacoasts. In winter also bays, estuaries, lakes, marshes and rivers

**Status Aruba** Casual visitor. Two birds in adult winter plumage, Bubali, 2 Oct 1977 (EJ, J.H. van den Koppel, colour-slides examined by KHV); 2 birds, Bubali, 24 Oct 1978 (EJ).

**Curaçao** Casual visitor. A record of 1 bird, Santa Martabaai, 27 Nov 2001 (videofilm examined) and a record of 1 bird, along the road to Bullenbaai on 31 Oct, 1 and 5 Nov 2003 (all records LS).

**Bonaire** Casual visitor. A number of birds, Kralendijk, 1 Mar 1970 (J. Rooth); 1 bird Sorobon, 6 Mar 1970 (J. Rooth). Before 2002 occasionally seen near Harbour Village Marina (Ligon 2006).

**Taxonomy** Monotypic.

**Sandwich Tern** *Sterna sandvicensis*

**Du:** Grote Stern  
**Ar:** Stèrnchi grande  
**Bo:** Bubi chikí

**Range** Along the Atlantic coast of the USA, Gulf coast, Yucatán in Mexico, south through the West Indies, to islands off Venezuela and coasts of N and E South America as far as Patagonia. In the Old World along the Atlantic coasts of temperate Europe, Mediterranean, Black and Caspian seas. In winter along the Pacific coast from S Mexico as far south as Ecuador and Peru and on the Atlantic coast through the breeding range from Florida, the West Indies, as far south as Uruguay. In the Old World from the southern parts of the breeding range to S South Africa, Persian Gulf and India.

**Habitat** Sandy seacoasts and islands. In winter also bays and estuaries.


**Curaçao** Formerly numerous breeding visitor with up to 1600 nests, Jan Thiel Lagoon, 1959 (Vouws 1983). No breeding has been observed since the early 1960s owing to heavy recreational pressure on the former nesting sites (Debrot et al. 2009). Recorded from Klein Curaçao. One specimen from Klein Curaçao 1952 (ANSP); 6 specimens, 1954 (2), 1958 (4) (ZMA).

**Bonaire** Formerly numerous breeding visitor (maximum number of nests 3–4000, 1969, Vouws 1983), recently breeding in varying numbers. An estimated 180 pairs were breeding (170–190 chicks observed) on Lake Goto, 2002 (Debrot et al. 2009). One specimen 1970 (ZMA).

**Taxonomy** Polytypic. Ar, Cu, Bo: *S. s. eurygnatha* (Cayenne Tern) of South America. Shows signs of intergradation with *S. s. acuflavida* of North America (Vouws 1968; Buckley & Buckley 1984; van Halewijn 1990). Slightly over half of the birds have yellow bills, others have a varying amount of black, less than 10% have a yellow-tipped
black bill, hardly distinguishable from *S. s. acuflavida*. Occasionally an individual is observed with an orange bill like *S. elegans*. In N Aruba, 26 Mar–2 Apr 2004, SGM and CB studied 100 Sandwich Terns and tallied 77 “pure” *eurygnatha*-types, 5 *acuflavida*-types, and 26 birds that appeared intermediate. During that same visit, approximately 200 Sandwich Terns were observed closely in S Aruba, near breeding areas, with no *acuflavida*-types noted; approximately 80% were phenotypically “pure” *eurygnatha*-types and 20% appeared to be intergrades. In Bonaire, Jul 2001, Wells & Childs Wells (2006) recorded 10 individuals of *eurygnatha*-type and 1 of *acuflavida*-type.

**Royal Tern** *Sterna maxima*

*Dutch:* Koningsstern  
*Aruba:* Stèrnchi di rey, Bubi chiquito  
*Curacao:* Bubi chikí, Meuchi real  
**Range:** Along the Atlantic coast from N USA, the Gulf and Caribbean coast, through the West Indies, south to islands off the coast of Venezuela, French Guiana and the coast of Uruguay and Argentina. On the Pacific coast from S California in the USA to Sinaloa in Mexico. In the Old World along the coast of Mauretania in West Africa. In winter from coastal S USA south along both coasts of the Americas as far as Peru and Argentina and in the Old World along the coast of West Africa from Morocco to Angola.  
**Habitat:** Sandy seacoasts. In winter also estuaries and lagoons.  
**Status:** As a non-breeding visitor regularly found throughout the year on the leeward side of the islands. Numbers very variable (up to 500, depending on time of year).  
**Aruba** Scarce irregular breeding visitor on the San Nicolas Bay keys: 1 pair, 1998 (K. Beylevelt); 1–2 pairs, same locality, 1999, 2000, 2001 (A. del Nevo). One specimen 1892 (AMNH); 6 specimens 1908 (FMNH); 3 specimens, 1951, 1978, 1979 (ZMA).  
**Bonaire** Rather common breeding visitor. Breeding recorded Jun 1955 (K. Mayer, colour-slides, Voous 1957) and Jul 1960 (J. Rooth); at Salt pans, 2 nests, 19 May 1969, more nests and pulli, 30 Jun 1969 (RVH); c. 85 pairs and over 50 juveniles, Saltworks area, Jul 2002 (Debrot et al. 2009). Species observed at Klein Bonaire, Jul 2001 (Wells & Childs Wells 2006). One specimen 1892 (AMNH); 2 specimens 1930 (RMNH); 3 specimens, 1951, 1981, sine die (ZMA).  
**Taxonomy** Polytypic. Ar, Cu, Bo: the American ssp *S. m. maxima*.

**Roseate Tern** *Sterna dougallii*

*Dutch:* Dougalls Stern  
*Aruba:* Stèrnchi Dougall Cu, Bo: Meuchi Dougall  
**Range:** Almost cosmopolitan. Widely, but very locally distributed along the coasts of the N Atlantic, Indian and SE Pacific Oceans in temperate and tropical zones. In winter mostly off-shore. Atlantic population recently declining.  
**Habitat:** Sandy and grassy seacoasts and islands.  
**Status:** Rather scarce breeding visitor, present from Apr–Aug.  
**Aruba** First found nesting on San Nicolas Bay keys in 1892 (Harrett 1893); subsequently (by KHV) 10–15 pairs in 1961 (van Halewijn 1988); 40–50 nests in 1979 (EJ and others in van Halewijn 1988); between 43 and 112 nests 1984 to 1994 (R. de Kort, RVH in Gochfeld et al. 1994); 52 nests in 2001 (A. del Nevo, van Halewijn 2009); an early record of 19 birds, Baby Beach, 30 Mar 2004 (SGM and CB). Two specimens 1892 (AMNH); 1 specimen 1961 (ZMA).  
**Curacao** First record of breeding on islet in Jan Thiel Lagoon, 1952; largest number of nests about 40, 1955 (Voous 1957); 10–15 nests found in Jan Thiel Lagoon and Masarigo island, Spaanse Water, Jun 1961 (KHV); no recent breeding observed (Debrot et al. 2009). Six specimens, 1954 (3), 1955 (2), 1961 (ZMA).  
**Bonaire** First recorded 1955 (K. Mayer, colour-slide, Voous 1957); 8 nests near Lake Goto, 1961 (KHV); later also found breeding at Pekelmeer (Voous 1983); recently no nest-sites found (Ligon 2006, Debrot et al. 2009).  
**Taxonomy** Polytypic. Ar, Cu, Bo: nominate *S. d. dougallii*.

**Common Tern** *Sterna hirundo*

*Dutch:* Visdief  
*Aruba:* Stèrnchi comun, Meuwchi pik kòrá Cu, Bo: Meuchi pik kòrá  
**Range:** Boreal and temperate North America southward along the Atlantic coast to South Carolina, locally along the Gulf Coast and in the West Indies, also the islands off Venezuela. Boreal and temperate Europe and Asia southward to N Africa, the Middle East and Tibet. In winter Gulf Coast and the West Indies, south along the Atlantic coast of South America to Argentina, on the Pacific coast south to Peru. In the Old World from S Europe and S Asia south to South Africa and Australia.  
**Habitat:** Seacoasts, bays, estuaries, lakes and marshes. In winter primarily coastal waters and beaches.
**Status** Breeding visitor, present from Apr–Nov, scarce in winter. **Aruba** Rather scarce breeding visitor, nesting at several sites. Saliñas north of Bubali, about 110 pairs, 1974 (CHJ); estimated total of 47–51 nests on entire island, 1984 (RVH); San Nicolas Bay keys, between 15 and 38 nests, 1984–1994 (R. de Kort, RVH in Gochfeld et al. 1994); San Nicolas Bay keys, 40 nests, 2001 (RVH in litt.); early records: 1 bird, Malmok, 25–30 Mar 2003 and 1 bird, California lighthouse, 28 Mar 2003 (SGM and CB). One specimen 1908 (FMNH); 2 specimens 1930 (RMNH); 6 specimens, 1952, 1973 (2), 1981 (2), 1984 (ZMA).


**Taxonomy** Polytypic. Ar, Cu, Bo: nominate S. h. hirundo.

— **Least Tern** Sterna antillarum

**Du:** Amerikaanse Dwergstern
**Ar:** Stèrnchi chikito
**Cu, Bo:** Meuchi chikitu

**Range** Locally in the interior and along both coasts of the USA, from C California south to Chiapas in S Mexico at the Pacific coast and from Maine south to Florida at the Atlantic coast, Gulf coast, the West Indies and islands in the Caribbean Sea. In winter to the coasts of Middle and N South America.

**Habitat** Seacoasts, lakes, rivers. In winter also beaches, bays and estuaries.

**Status** Common breeding visitor, scarce in winter. Found on the windward and leeward sides of the islands.

**Aruba** San Nicolas Bay keys 1984–1994, between 20 and over 95 nests (R. de Kort, RVH in Gochfeld et al. 1994); San Nicolas Bay keys, 2001, 55 nests (A. del Nevo). Three specimens 1892 (AMNH); 3 specimens 1908 (FMNH); 1 specimen 1930 (RMNH). **Curaçao** Colony of about 100 pairs, Klein Curaçao, 1953 (HJK in Voous 1957). More than 620 breeding pairs recorded at 16 sites all over Curaçao, 2002 (Debrot et al. 2009). Eight specimens, 1952 (6), 1954 (2) (ZMA). **Bonaire** More than 360 adults observed at 13 sites with more than 73 nests and 62 fledglings at 10 sites in Jul 2001 (Wells & Childs Wells 2006); about 800 pairs nesting at 44 breeding sites, 2002 (Debrot et al. 2009). One specimen 1892 (AMNH); 3 specimens 1930 (RMNH); 2 specimens 1980 (ZMA).


— **Bridled Tern** Sterna anaethetus

**Du:** Brilsteren Ar: Stèrnchi bril
**Bo:** Meuchi brel

**Range** All tropical oceans, except C Pacific.

**Habitat** Coastal waters. Breeds on islands in crevices, on ledges, and on sandy or coral beaches.

**Status** Observed mostly from late Apr till late Aug, but occasionally recorded in Oct, Nov and Dec. **Aruba** Rather scarce breeding visitor. First recorded breeding on San Nicolas Bay keys opposite Ceroe Colorado, 1892 (Hartert 1893); rediscovered in 1961 (Voous 1963); present also 1976–1980 (EJ, AK, KHV); number of nest on San Nicolas Bay keys 1984–1990 varying from 29 to 59 (RVH in Gochfeld et al. 1994); up to maximally 100 birds, present in Aug every year in the 1990s (DFM, TDK); 122 nests, 1999–2001 (A. del Nevo, van Halewijn 2009). Two specimens 1892 (AMNH); 2 specimens, 1961, 1987 (ZMA). **Curaçao** Non-breeding visitor in rather small numbers. Three specimens, Klein Curaçao, 1953; on board ships off Curaçao, 1952, 1954 (ZMA). **Bonaire** Non-breeding visitor in rather small numbers.

**Taxonomy** Polytypic. Ar, Cu, Bo: the West Indian ssp S. a. melanoptera.

— **Sooty Tern** Sterna fuscata

**Du:** Bonte Stern Ar: Stèrnchi bata preto
**Bo:** Meuchi bachi pretu

**Range** All tropical and subtropical oceans.

**Habitat** Pelagic, except when breeding. Breeding on sandy or coral beaches on islands, but most preferably among grass and bushes.

**Status** Only observed on or near the islands in the breeding season, Apr–Aug. Outside the breeding period common

**Taxonomy** Polytypic. Ar, Cu, and Bo: the Caribbean and Atlantic ssp *S. f. fuscata*.

**Black Tern** *Chlidonias niger*
Du: Zwarte Stern Ar: Stèrnchi preto Cu, Bo: Meuchi pretu

**Range** Southern Canada and N USA. In the Old World primarily temperate zones of Europe and W Asia. In winter along the Pacific coast from C Mexico to Peru and along the N coast of South America from Colombia to Surinam. In the Old World along the coast of W Africa as far as Angola and NE Africa as far as Kenya.

**Habitat** Marshes, wet meadows. In winter offshore along seacoasts, bays and estuaries, also lakes and rivers.

**Status Aruba** Irregular non-breeding visitor in small numbers. One bird in breeding plumage, saliña Palm Beach, 24 May 1972 (EJ); 2 birds near Oranjestad, 23 Aug 1972 (DMCP); 10 birds off the E and N coast, 25 Aug 1972 (DMCP); 1 bird, Bubali, 25 Aug–8 Sep 1979 (EJ); 1 bird, Bubali, 18 and 23 Aug 1984 (DFM, TDK); 1 bird in summer plumage, San Nicolas Bay keys, 17 May 1987 (RVH); 1–3 birds in winter plumage, Bubali, 25–27 Sep 1988 (RVH and others). **Curaçao** Casual visitor. Only record 5–8 birds, Schottegat, 3 Sep 1971 (van Halewijn 1973).

**Bonaire** Casual visitor. One bird, 2 Jan 1971 (PA. and E.G. Buckley); 2 immature birds, Lac, 14 Apr 1981 (A.L. Spaans and others); flock of 10–15 birds almost all in non-breeding plumage along southern coast near bridge at Tori’s Reef, 9 Sep 2004 (day after hurricane Ivan passed c. 95 miles north of Bonaire, Ligon 2006).

**Taxonomy** Polytypic. Ar, Cu, Bo: *C. n. surinamensis* from North America.

**Large-billed Tern** *Phaetusa simplex*
Du: Grootnavelstern Ar: Stèrnchi pico grandi Cu, Bo: Meuchi pik grandi

**Range** Inland and coastal South America, from Colombia and the Guianas southward E of Andes as far as C Argentina. In winter seacoasts of N and E South America. Erratic year-round visitor in small numbers to N coast of Venezuela (Hilty 2003).

**Habitat** Rivers, lakes and estuaries. In winter also seacoasts.

**Status Aruba** Casual visitor. Male, 12 May 1908 (Cory 1909). One specimen 1908 (FMNH).

**Curaçao** and **Bonaire** No records.

**Taxonomy** Polytypic. Ar: probably *P. s. simplex* from N South America.

**Brown Noddy** *Anous stolidus*
Du: Noddy Ar, Cu, Bo: Noddy brùin

**Range** All tropical and subtropical oceans.

**Habitat** Pelagic, except when breeding. Breeding on islands on sandy beaches, rock ledges and trees.


**Taxonomy** Polytypic. Ar, Cu, Bo: *A. s. stolidus* of the Atlantic and Caribbean region.

**Black Noddy** *Anous minutus*
Du: Witkapnoddy Ar: Noddy preto Cu, Bo: Noddy pretu

**Range** Tropical and subtropical Atlantic and Pacific Ocean.

**Habitat** Pelagic, except when breeding. Breeding on islands on rock ledges and trees.
**Prins et al.: BIRDS OF ARUBA, CURAÇAO AND BONAIRE**


**Curaçao** No records.

**Bonaire** Irregular non-breeding visitor in small numbers. One adult caught and released, Lac, 1952 (K. Mayer, colour-slide examined by KHV); 1 record of remains (head and wings, collection ZMA), Pekelmeer, 1 Nov 1990 (GJR); 1 bird found in backyard, summer 2001 (B. Lüsse in Ligon 2006); 1 bird, Sorobon, 15 Nov 2002 (SS in Ligon 2006).

**Taxonomy** Polytypic. Ar, Bo: *A. m. americanus* from the Caribbean Sea. Syn. *Anous tenuirostris*.

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**Black Skimmer** *Rynchops niger*

**Du:** Amerikaanse Schaarbek **Ar:** Pico di skèr **Cu, Bo:** Bok'i skèr

**Range** USA, at the Pacific coast from S California south to Mexico and at the Atlantic coast from Maine south to Florida and the Gulf coast. In South America in W Ecuador and E of Andes along coasts and rivers from Colombia as far south as N Argentina. In winter along coasts of S USA, Middle and South America. Fairly common year-round in Venezuela (Hilty 2003).

**Habitat** Sandy beaches, coastal islands, rivers. In winter also bays, estuaries, lagoons.

**Status Aruba** Regular non-breeding visitor in varying numbers. Curaçao Irregular non-breeding visitor in small numbers. One adult bird in non-breeding plumage, Santa Martabaai, 26 Jan 1988 (J. Vogel, photo examined); 1 bird, Santa Martabaai, 23 Aug 1992 (LS); 1 bird, Klein Hofje, 31 May 1998 (BDB); 1 to 4 birds, Muizenberg, 19 Aug–25 Oct 2000 (BDB); 1 bird, Santa Martabaai, 6 and 9 Nov 2001 (M. van den Berg and LS, videofilm examined). Bonaire Casual visitor. One bird, Lac, 4 Apr 1979 (E. Bartels, J. Heidweiler); 1 bird, near Sorobon, early Jun 2003 (JCL, J. Mather and others, photo by P.S. Weber examined).

**Taxonomy** Polytypic. Ar, Cu, Bo: *R. n. cinerascens* from N South America, though *R. n. intercedens* from E and SE South America may not be excluded.

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**Stercorariidae**

**Great Skua** *Stercorarius cf. skua*

**Du:** Grote Jager Ar, Cu, Bo: Saltadó grandi

**Range** North Atlantic. In winter C Atlantic.

**Habitat** Pelagic, except when breeding on rocky seacoasts, moors and sandy estuaries.

**Status Aruba** No records. Curaçao Casual visitor. A sight record of one dark brown skua between Curaçao and Bonaire, 7 miles NNE off Klein Curaçao, 21 Jul 1970 (RVH). Bonaire No records.

**Taxonomy** Monotypic

**Note** At the time of the recorded observation it was not known that the South Polar Skua *S. maccormicki* appears in the Northern Hemisphere on migration. Consequently no attention was paid to the possibility that the observed individual may have belonged to that species. According to Voous (1983) the bird was dark brown and thus may have belonged to *S. skua* from the N Atlantic. On the other hand *S. maccormicki* from the Antarctic is far more migratory and therefore it seems more likely that it strays into the Caribbean. As no specimen was collected, the observed bird cannot be identified conclusively.

**Pomarine Skua** *Stercorarius pomarinus*

**Du:** Middelste Jager Ar, Cu, Bo: Saltadó mediano

**Range** Arctic North America and Eurasia. In winter primarily at sea of tropical and subtropical oceans.

**Habitat** Pelagic and along seacoasts; breeds on swampy tundra.

**Status** Recorded at sea in the neighbourhood of the islands in Apr (2), May, Sep (2), Nov (3) and Dec (RVH, A. van Gaans, Voous 1983). Aruba Casual visitor. One record, Bubali, 18 Jun 1974 (CJH, colour-slide examined by KHV). Curaçao and Bonaire No records.

**Taxonomy** Monotypic.
Parasitic Jaeger/Arctic Skua  *Stercorarius parasiticus*

**Du:** Kleine Jager Ar, Cu, Bo: Saltadó chiki  
**Range** Arctic and subarctic North America and Eurasia. In winter wanders over almost all, primarily southern, oceans.  
**Habitat** Pelagic and along seacoasts; breeds on coastal tundra and marshes.  
**Status** Seventeen records at sea over 3 nautical miles from the islands, 23 Apr–23 May 1970 and 12 Nov–21 Dec 1970 (RVH, DMCP; Voous 1983).  
**Aruba** Irregular non-breeding visitor in small numbers. One bird at Arashi, 14 May 1971 (EJ); 1 immature bird on rocks in sea, 28–29 Apr 1979 (AK, colour-slides examined by KHV); daily observations of single immature birds, San Nicolas Bay, 17 May–12 Jun 1986 (RVH); 1 bird, San Nicolas Bay, 10 Jun 1987 (RVH); 1 immature, San Nicolas Bay, 19 May 1989 (RVH); 1 adult, Punta Basora, 23 May 1989 (RVH); 1 adult, Arashi, 19–23 Jul 2000 (DFM, TDK, P. van Scheepen); 1 adult, Arashi, 8 and 10 Aug 2003 (DFM, TDK).  
**Curaçao** Casual visitor. Remains of a dead bird, Sint Jorisbaai, 3 Jan 1952 (KHV).  
**Bonaire** Casual visitor. One injured immature found by local fisherman and later released, 7 Mar 1998 (Ligon 2006).  
**Taxonomy** Monotypic.

Long-tailed Jaeger  *Stercorarius longicaudus*

**Du:** Kleinste Jager Ar: Saltadó rabo largo Cu, Bo: Saltadó rabu largu  
**Range** Arctic and subarctic region of North America and Eurasia. In winter subarctic and offshore South America and South Africa.  
**Habitat** Tundra, flats with sparse vegetation, moors. In winter pelagic.  
**Status Aruba** Casual visitor. One bird, east of Baby Beach, near the dog cemetary, 18 May 1989 (RVH, colour-slides examined by KHV).  
**Curaçao** and **Bonaire** No records.  
**Taxonomy** Polytypic. Ar: *S. l. pallescens* from North America.

COLUMBIDAE

Rock Dove  *Columba livia*

**Du:** Rotsduif Ar: Palomba comun Cu, Bo: Palomba  
**Range** Originally mountains in W and S Europe, C and S Asia and N Africa. Introduced worldwide.  
**Habitat** Open unwooded country, steppe, farmland and desert. Nesting on seaciffs, mountainous areas, ruined buildings. Feral form also occurring in cities and towns.  
**Status** Introduced since several decades. Commonly breeding in towns, on **Curaçao** recently also on cliffs in nature reserves like Hato, Rooi Rincon and Boka St. Michiel.  
**Taxonomy** Polytypic. Like other feral populations, cannot be assigned to any known subspecies.

Scaly-naped Pigeon  *Columba squamosa*

**Du:** Roodhalsduif Ar: Blauduif, Palomba di San Kristòf Bo: Palomba pretu, Palomba di baranka  
**Range** Greater and Lesser Antilles and islands off the coast of Venezuela.  
**Habitat** Montane and lowland evergreen forest, but also arid woodland and plantations.  
**Status Aruba** Former breeding bird, several birds recorded at Rooi Prins, 16–19 Jun 1930 (Rutten 1931). Since then casual visitor; record of 2 birds, Sep 1973 (CJH, Voous 1983); 1 bird seen on a wooded coral island near Oranjestad, about 1997 (TDK).  
**Curaçao** Scarce breeding resident, until recently restricted to the hills in the west and the areas without human habitation in the extreme east but now becoming tamer and more widespread. Since 1997 at least 14 sight records have been reported from various localities all over the island (AOD, BDB). Five specimens 1951, 1954, 1961, 1962, 2005 (ZMA).  
**Bonaire** Rather common breeding resident. Three specimens 1892 (AMNH); 1 specimen 1909 (FMNH); 2 specimens 1930 (RMNH); 2 specimens 1952 (ZMA).  
**Taxonomy** Monotypic.

Bare-eyed Pigeon  *Columba corensis*

**Du:** Naaktoogduif Ar: Ala blanca, Barbacoa, Warakoa Cu: Ala blanca Bo: Palomba di mondi  
**Range** Arid Caribbean coast of Colombia and Venezuela, including some off-lying islands.  
**Habitat** Thorn scrub, acacias, suburban gardens and mangroves.  
**Status** Common breeding resident. Numbers fluctuate according to rainfall (food) and hunting pressure, but the population seems to be increasing.  
**Aruba** One specimen 1908 (FMNH).  
**Curaçao** Four specimens 1892 (AMNH); 1 specimen 1892 (AMNH);

**Taxonomy** Monotypic.

**Eared Dove** *Zenaida auriculata*

Du: Geoorde Treurduif Ar, Cu, Bo: Buladeifi di aña, Buladeifi, Patrushi

**Range** Southern Lesser Antilles, South America and islands off Venezuela.

**Habitat** Scrub, arid lowland and farmland.

**Status Aruba** Abundant breeding resident. One specimen 1892 (AMNH); 4 specimens 1908 (FMNH); 2 specimens 1930 (RMNH). **Curaçao** Common breeding resident. Two specimens 1892 (AMNH); 5 specimens 1908 (FMNH); 1 specimen 1884 (type specimen) (USNM); 13 specimens, 1951 (6), 1953 (3), 1954, 1955, 1996 (2) (ZMA).

**Bonaire** Common breeding resident. One specimen 1892 (AMNH); 9 specimens 1908 (FMNH); 1 specimen 1930 (RMNH); 9 specimens, 1949, 1951 (6), 1952, 1961 (ZMA).

**Taxonomy** Polytypic. Ar, Cu, Bo: the endemic ssp *Z. a. vinaceorufa*.

**Common Ground Dove** *Columbina passerina*

Du: Musduif Ar: Totolica Cu, Bo: Totolika

**Range** From S USA south through Middle America to N South America as far as Ecuador and E Brazil; the West Indies.

**Habitat** Arid and thorn scrub, acacia woodland, plantations, agricultural and urban areas.

**Status Aruba** Common breeding resident. Two specimens 1892 (AMNH); 14 specimens 1908 (FMNH); 3 specimens 1930 (RMNH); 6 specimens, 1951 (4), 1952, 1973 (ZMA). **Curaçao** Abundant breeding resident. Four specimens, 1892 (3), 1896 (AMNH); 7 specimens 1908 (FMNH); 3 specimens 1930 (RMNH); 31 specimens, 1948, 1951 (19), 1952 (5), 1955, 1957, 1977, 1994, 1996 (2) (ZMA). **Bonaire** Abundant breeding resident. Five specimens 1892 (AMNH); 9 specimens 1908 (FMNH); 1 specimen 1930 (RMNH); 11 specimens, 1951 (8), 1979 (2), 1984 (ZMA).

**Taxonomy** Polytypic. Ar, Cu, Bo: ssp *C. p. albivitta* of the northern coastal regions of Colombia and Venezuela, including off-lying islands. Syn. *Columbignallina passerinana*.

**Ruddy Ground Dove** *Columbina talpacoti*

Du: Steenduif Ar, Cu, Bo: Totolika venesolano

**Range** From Mexico south through Central America to South America as far as Chile and Argentina. Common to abundant in Venezuela (Hilty 2003).

**Habitat** Arid and thorn scrub, agricultural and urban areas.

**Status Aruba and Curaçao** No records. **Bonaire** Casual visitor. Sight record of single bird near Kralendijk, 8 Aug 1980 (FCL, J. van der Linden, J. van der Salm, colour-slides examined by KHV).


**White-tipped Dove** *Leptotila verreauxi*

Du: Verreaux’ Duif Ar: Pecho blanco Cu, Bo: Ala duru, Buladeifi di hoffi Bo: Jiwiri

**Range** From S Texas and N Mexico south through Central America to South America as far as N Peru (W of Andes) and N Argentina.

**Habitat** Dry open woodland, scrub, forest edge, plantations, farmland.

**Status Aruba** Rather common breeding resident, occurring mostly in uninhabited areas (DFM). Three specimens 1908 (FMNH); 2 specimens 1930 (RMNH); 1 specimen 1951 (ZMA). **Curaçao** Common breeding resident. One specimen 1892 (AMNH); 1 specimen 1930 (RMNH); 15 specimens, 1951 (9), 1952, 1955 (2), 1993, 1994, 1997 (ZMA). **Bonaire** Common breeding resident. Two specimens 1892 (AMNH); 3 specimens, 1908 (2), 1909 (FMNH); 3 specimens 1930 (RMNH); 1 specimen 1969 (USNM); 1 specimen 1952 (ZMA).

**Taxonomy** Polytypic. Ar, Cu, Bo: ssp *L. v. verreauxi* of N South America.

**PSITTACIDAE**

**Rose-ringed Parakeet** *Psittacula krameri*

Du: Halsbandparkiet Ar, Cu, Bo: Prikichi renchi ros
**Range** Tropical Africa and almost all of S Asia. Introduced in many countries in temperate and tropical regions, where it has established itself as a breeding bird.

**Habitat** All kinds of woodland, among human habitats, agricultural areas, fruit plantations.

**Status**

- **Aruba** No records.
- **Curaçao** Introduced breeding resident.
- **Bonaire** No records.

**Taxonomy** Polytypic. Cu: ssp unknown.

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**Brown-throated Parakeet** *Aratinga pertinax*

**Du:** Maisparkiet Ar, Cu, Bo: Prikichi

**Range** Panama and along N coast of South America from NE Colombia to the Guianas, including off-lying islands.

**Habitat** Arid scrub, savannas, mangroves, woodland, farmland, plantations.

**Status** Common breeding resident.

- **Aruba** Three specimens 1892 (AMNH); 3 specimens 1940 (ANSP); 8 specimens 1908 (FMNH); 4 specimens 1930 (RMNH); 14 specimens, 1951 (9), 1952 (2), 1955 (2), 1973 (ZMA).
- **Curaçao** Three specimens 1892 (AMNH); 8 specimens 1908 (FMNH); 5 specimens, 1885 (2), 1930 (3) (RMNH); 1 specimen 1917 (USNM); 24 specimens, 1948, 1951 (14), 1952, 1955, 1957 (2), 1994, *sine die* (4) (ZMA).
- **Bonaire** Seven specimens 1892 (AMNH); 12 specimens 1908 (FMNH); 2 specimens, 1930, *sine die* (RMNH); 7 specimens, 1969 (6), *sine die* (USNM); 28 specimens, 1951 (16), 1954 (2), 1961 (2), 1972, 1978 (2), 1980, 1982, *sine die* (3) (ZMA).


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**Green-rumped Parrotlet** *Forpus passerinus*

**Du:** Groene Muspapegaai Ar, Cu, Bo: Bibitu

**Range** Northern South America, from Colombia to the Guianas and Brazil south to the Amazon basin. Common to abundant in N Venezuela (Hilty 2003).

**Habitat** Acacia scrub, savannas, dry forest, open woodland, mangroves, farmland.

**Status** Aruba No records.

- **Curaçao** Irregular non-breeding (possibly breeding) visitor in small numbers. First recorded 1868; rumour has it that captive birds from Colombia have been set free near Klein Piscadera shortly before 1940 (Voous 1957); repeatedly recorded 1943–1964; again 1971 and later, Malpais (BDB) (contrary to Voous (1983) who stated that the species had not been seen since 1964). Five specimens 1954 (ZMA).
- **Bonaire** No records.

**Taxonomy** Polytypic. Cu: ssp *viridissimus* from Venezuela (Voous 1957).

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**Yellow-shouldered Parrot** *Amazona barbadensis*

**Du:** Geelvleugelamazone Ar, Cu, Bo: Lora

**Range** N Venezuela and the adjacent islands La Blanquilla, Bonaire and Margarita Island.

**Habitat** Thorn scrub and arid woodland.

**Status** Aruba Former breeding bird. The wild population is assumed to have become extirpated by 1947 (Voous 1983). Incidental records in 1955, 1961, 1965 and 1974 most probably escaped cage-birds, but may also refer to stragglers from the Paraguaná Peninsula, Venezuela. Seven observations of a pair, Cerro Colorado, Nov 1984 (5 times), Apr 1985 and May 1985 (E.A.P. de Raadt); 3 birds, Cerro Colorado, 1992 (DFM). In 1998 F.H. Bonset released 3 parrots from Venezuela belonging to this species (colour-photo examined). Two specimens 1892 (AMNH); 1 specimen 1908 (FMNH); 2 specimens, 1930, *sine die* (RMNH). **Curaçao** Introduced species in very small numbers. Group of 6 birds, Julianadorp, 3 Nov 1985 (BDB); some individuals, possibly originating from Bonaire, appeared in 1988, coinciding with the passing of a hurricane (BDB); 1 dead bird, Groot Davelaar, 19 Jan 1992 (RM). **Bonaire** Rather common breeding resident. The numbers fluctuate in relation to the amount of rain. Recently food shortage has been alleviated by food supplied by people during dry years. About 400 wild birds counted in 1987 (FCL), 350–400 in 1997, 1998 and 2002 (Ligon 2006). It has been suggested that 4 times this number could be found in captivity (FCL). Capturing young as cage-birds may imply a risk of future population collapse in this long-lived species. Five specimens 1892 (AMNH); 3 specimens 1930 (RMNH); 4 specimens, 1929, 1951, 1969 (2) (USNM); 9 specimens, 1948, 1951 (3), 1952, 1956, 1978 (2), *sine die* (ZMA).

**Taxonomy** Monotypic.
CUCULIDAE

■ Yellow-billed Cuckoo *Coccyzus americanus*  
**Du:** Geelsnavelkoekoek **Ar:** Cucu pico hel **Cu, Bo:** Kuku pik hel  
**Range** Temperate North America, from SE Canada south through the USA, Mexico and the West Indies. Winters in South America, E of Andes, south to N Argentina, avoiding Amazonia.  
**Habitat** Open woodland, scrub, forest, parks, swamps and riparian woodland.  
**Taxonomy** Monotypic.

■ Mangrove Cuckoo *Coccyzus minor*  
**Du:** Mangrovekoekoek **Ar:** Cucu mangel **Cu, Bo:** Kuku di mangel  
**Range** Pacific, Gulf and Caribbean coast of Middle America, Florida, the West Indies, and coast of N South America from E Colombia eastward to the Amazon estuary in Brazil. Rare in N Venezuela (Hilty 2003).  
**Habitat** Deciduous and secondary forest, mangroves and dry scrub.  
**Status** **Aruba** Casual visitor. Single record, female, 22 Apr 1908 (Voous 1957). One specimen 1908 (FMNH). **Curaçao** Irregular non-breeding visitor in small numbers. Female, Santa Cruz, 21 Apr 1930 (Rutten 1931); female, Blauw, 19 Jan 1952 (Voous 1957); 1 bird Willemstad, 21 Apr 1958 (P.A. van der Werf, photo examined by KHV); 1 male, Spaanse Water, 25 Jan 1991 (AOD). One specimen 1930 (RMNH); 2 specimens, 1952, 1991 (ZMA). **Bonaire** Irregular non-breeding visitor in small numbers. Female, Antriol, 25 Mar 1952 (Voous 1957); 1 bird, Lac, 4 Sep 1960 (J. Rooth); 1 bird, Pekelmeer, 3 May 1961 (C.R. Mason); 1 bird, Lake Goto, 4 May 1961 (M.H. Hundley); 1 bird, Lac, 5 May, 1961 (M.H. Hundley and others); 1 female, Kralendijk, 7 Mar 1979 (FCL); C. Jansen observed 2 individuals, 12 Oct 1985 (FCL). Two specimens, 1952, 1979 (ZMA).  
**Taxonomy** Monotypic.  
**Note** An elusive, not very noticeable bird which may be more common than the scarce observations indicate.

■ Grey-capped Cuckoo *Coccyzus lansbergi*  
**Du:** Grijskopkoekoek **Ar:** Cucu cabes gris **Cu, Bo:** Kuku kabes gris  
**Range** N Colombia, SW Ecuador, and NW Peru. Rare in NW Venezuela where the records are thought to pertain to migrants (rather than local breeders) from farther west in South America (Hilty 2003).  
**Habitat** Deciduous forest, dense undergrowth.  
**Status** **Aruba** and **Curaçao** No records. **Bonaire** Casual visitor. One record of a wounded female bird, Nikiboko, 14 Oct 1981 (FCL, photo examined by KHV, specimen in ZMA).  
**Taxonomy** Monotypic.

■ Greater Ani *Crotophaga major*  
**Du:** Grote Ani **Ar:** Chuchubi preto mayor **Cu, Bo:** Chuchubi pretu mayó  
**Range** From E Panama south through South America, primarily E of Andes, as far as N Argentina. Fairly common from late Apr to Nov in Venezuela, though recorded year-round (Hilty 2003).  
**Habitat** Flooded tropical evergreen forest, second growth near water, lakes, swamps, mangroves.  
**Status** **Aruba** Casual visitor. One record: Two birds, Spanish Lagoon, 13 Mar 2005 (Mlodinow 2006). **Curaçao** and **Bonaire** No records.  
**Taxonomy** Monotypic.

■ Groove-billed Ani *Crotophaga sulcirostris*  
**Du:** Groefsnavelani **Ar:** Chuchubi preto, Cassilia **Cu, Bo:** Chuchubi pretu  
**Range** From SE USA and Mexico, south through Central America to W South America as far as N Chile and NW Argentina and in the north as far east as Guyana.  
**Habitat** All kinds of thorn scrub, areas of scruffy vegetation and weedy grassy areas with some brush, pastures
(often associated with grazing cattle and sheep), open woodland.

**Status** Rather common breeding resident. Found in highly variable numbers depending on the amount of rain (food). **Aruba** One specimen 1951 (ZMA). **Curaçao** Two specimens 1892 (AMNH); 2 specimens 1908 (FMNH); 2 specimens 1930 (RMNH); 1 specimen *sine die* (USNM); 16 specimens, 1951 (10), 1952 (2), 1954 (2), 1955, 1991 (ZMA). **Bonaire** Two specimens 1930 (RMNH); 8 specimens, 1951 (6), 1979, 1981 (ZMA).

**Taxonomy** Monotypic.

**Guira Cuckoo** *Guira guira*

Du: Guirakoekoek Ar: Cucu guira Cu, Bo: Kuku guira

**Range** Eastern South America, from the Amazon estuary south to Uruguay and N and E Argentina. Unrecorded in Venezuela (Hilty 2003).

**Habitat** Scrub, open woodland, pastures.

**Status Aruba** No records. **Curaçao** Casual visitor. One record, Caracas Bay, 12 Jun 1954 (FHA, see Voous 1957). Possibly an escaped cage-bird, but no abrasion of tips of wing and tail quills noticeable. One specimen 1954 (ZMA). **Bonaire** No records.

**Taxonomy** Monotypic.

**TYTONIDAE**

**Barn Owl** *Tyto alba*

Du: Kerkuil Ar, Cu, Bo: Palabrau

**Range** Cosmopolitan, mainly south of 55° N.

**Habitat** Open country, farmland, cities.

**Status Aruba** No records. **Curaçao** Scarce breeding resident. During a study in 1987 and 1989 a total of 15 nests were recorded, 16 pair roosts and 11 other regular roosts. The total population was estimated at 75 adult birds (Debrot *et al.* 2001). One specimen 1892 (AMNH); 1 specimen 1930 (RMNH); 22 specimens, 1951 (3), 1952, 1954 (2), 1955 (2), 1956, 1957 (2), 1977, 1994 (2), 2000 (2), 2003 (4), *sine die* (2) (ZMA). **Bonaire** Scarce breeding resident. Frequently seen and even photographed. Mostly recorded as traffic victim. Large variation recorded in dietary composition between roosts (Flikweert *et al.* 2007). Number of birds tentatively put at 20 to 40 (G. van Hoorn *in litt.*, 17 Mar 2003). First indication of nesting on the island was a juvenile with down still on the head observed some time during the 1990s (FCL, photo examined). Nesting was confirmed by the find of a downy chick at Ceru Largu, 4 Feb 2003 (M. Flikweert, G. van Hoorn, photo examined). Three specimens: remains of young male found in Ceru Domi formation near Rooi Sangu, 16 Dec 1998 (J.A. de Freitas); 1 mummified skeleton near Nauati, Ceru Largu, 24 Sep 2000 (J.A. de Freitas); 1 decayed carcass (traffic victim), Kaminda Tras di Montaña, 15 Jan 2001 (J. Felida and J.A. de Freitas) (ZMA).

**Taxonomy** Polytypic. Ar: the endemic ssp *T. a. arubensis*.

**STRIGIDAE**

**Burrowing Owl** *Athene cunicularia*

Du: Holenuil Ar, Cu, Bo: Choco

**Range** From SW Canada and NW USA south through W USA to N Mexico, Florida, the West Indies and almost the whole of South America except the Amazonian basin. In winter, northernmost populations migrate southward as far as S Mexico.

**Habitat** Grassland, savannas, desert, farmland.


**Taxonomy** Polytypic. Ar: the endemic ssp *A. c. arubensis*.
STEATORNITHIDAE

Oilbird Steatornis caripensis
Du: Vetvogel Ar: Parha zeta Cu, Bo: Para zeta
Range From Colombia (or possibly Panama) east to Venezuela, Trinidad and the Guianas; also in the Andes locally south to Bolivia. Widespread isolated colonies through much of Venezuela; known to disperse (Hilty 2003).
Habitat Nocturnal habits. Roosting and nesting in caves, foraging on oily fruit in evergreen forest at night.
Status Aruba Casual visitor. One record, young female, Brazil, end of Apr beginning of May 1976, died the same day (L. Verheyen, Mrs V. Rooze). One specimen 1976 (ZMA).

CAPRIMULGIDAE

Lesser Nighthawk Chordeiles acutipennis
Du: Texasnachtzwaluw Ar: Tapa camina menor Cu, Bo: Tapa kaminda menor
Range From SW USA south through Middle America to tropical South America, including Trinidad and Tobago, as far as S Peru, N Bolivia, Paraguay and S Brazil. Uncommon to fairly common in Venezuela (Hilty 2003).
Habitat Open country, desert regions, scrub, savannas, cultivated areas, woodland, mangroves.
Taxonomy Polytypic. Cu and Bo: ssp unknown, but most likely C. a. acutipennis from N South America.

Common Nighthawk Chordeiles minor
Du: Amerikaanse Nachtzwaluw Ar: Tapa camina amerikano Cu, Bo: Tapa kaminda merikano
Range From subarctic Canada south through the USA and Middle America as far as Panama. Winters in South America, E of Andes, as far as N Argentina. Considered uncommon or rare non-breeding visitor to Venezuela (Hilty 2003).
Habitat Open savannas and grassland, pastures, golfcourses, towns. Frequently nesting on flat roofs of buildings.
Status Irregular non-breeding visitor in small numbers. None of the characteristic sounds produced during courtship have been reported from the 3 islands. Aruba One bird photographed, Santa Cruz, autumn 1977 (AK, photo examined by KHV, see Reuter 1999); a small flock was seen and 1 bird caught, Oranjestad, 28 Oct 1978 (EJ). Curaçao Small flocks often seen between Sep and Jan. Sometimes from bright daylight to dusk (FHA, HKJ, P.A. van der Werf and others). One specimen 1955 (ZMA). Bonaire One traffic victim, Playa Frans, 2 Nov 1982 (FCL); 1 bird caught and subsequently released, Trans World Radiostation, 29 Apr 1985 (FCL); 2–6 birds, Kralendijk, 8–15 Nov 1985 (FCL); 4 birds, Kralendijk, 13 Feb 1986 (FCL); 1 bird observed near teniscourts, Harbour Village Marina, 14 Jun 2000 (Ligon 2006). One specimen 1982 (ZMA).
Taxonomy Polytypic. Ar, Cu, Bo: C. m. minor from Canada, C and E USA, but other ssp cannot be excluded.
Note Separation from Antillean Nighthawk in the field exceptionally challenging (SGM in litt.).

Antillean Nighthawk Chordeiles gundlachii
Du: Antilliaanse Nachtzwaluw Ar: Tapa camina antiano Cu, Bo: Tapa kaminda antiano
Range Southern Florida, Bahamas and Greater Antilles. Wintering grounds unknown, presumably in South America. Rare migrant in Lesser Antilles (Raffaele et al. 1998) and unrecorded in Venezuela (Hilty 2003).
Habitat Arid open country.
Taxonomy Polytypic. Cu and Bo: ssp cannot be identified with certainty.

Chuck-Will’s Widow Caprimulgus carolinensis
Du: Chuck Will’s Widow Ar: Tapa camina viuda Cu, Bo: Tapa kaminda biuda
Range Eastern and SE USA. In winter along Gulf coast from SE Texas and Louisiana south through Middle America to N South America and the West Indies. Only 2 records from Venezuela (Hilty 2003). Vagrant in the Lesser Antilles (Raffaele et al. 1998).
Habitat Deciduous forest, pine-oak woodland, also open country and suburban areas.
Curaçao One bird flushed by day, Santa Maria, 16 Oct 1966 and (probably the same bird) 21 Oct 1966 (HJK).

Taxonomy Monotypic.

White-tailed Nightjar *Caprimulgus cayennensis*
Du: Witstaartnachtzwaluw Ar: Tapa camina Cu: Bati-bati, Para karpinté, Tapa kaminda Bo: Palabrua
Range From Costa Rica and Lesser Antilles south to N South America. There from Colombia east to the Guianas, south to N Ecuador and N Brazil.
Habitat Open grassland and savannas with scattered scrub, grassy hillsides.
Status Locally rather common breeding resident, often overlooked owing to its elusive behaviour. Mostly seen at dusk or during the night. Aruba Two specimens, 1951, 1952 (ZMA). Curaçao Five specimens, 1892 (2), 1896 (3) (AMNH); 2 specimens, 1900 (type of *C. c. insularis*), 1917 (USNM); 11 specimens, 1951 (2), 1952 (5), 1954, 1955, 1956 (2) (ZMA). Bonaire One female on nest with two pinkish eggs, entrance to Washington-Slagbaai National Park, 30 Apr 2000 (JCL); in same nest 2 feathered young, 19 May 2000 (JCL); 1 female, same locality (possibly same bird) on nest with 2 eggs, 21 Jul 2000 (JCL, J. Lanier, B. Steffy); female showing broken-wing display and young discovered nearby, same locality, 19 June 2001, was the only evidence of nesting during this dry year (JCL) (all records in Ligon 2006). One specimen 1892 (AMNH); 4 specimens 2004 (CU); 3 specimens, 1967, 1970, 1979 (ZMA).

Taxonomy Polytypic. Ar, Cu, Bo: *C. c. insularis*, also found in NE Colombia, NW Venezuela and Margarita Island.

Black Swift *Cypseloides niger*
Du: Zwart Gierzwaluw Ar: Veloz preto Cu, Bo: Veloz pretu
Range W North America, from SE Alaska south through the SW USA, Mexico and Central America as far as Panama; the West Indies, including Lesser Antilles. North American populations winter south to Central and South America. Unrecorded in Venezuela (Hilty 2003).
Habitat Open en forested highlands, seacoasts.

Taxonomy Cu: ssp unknown.

Chimney Swift *Chaetura pelagica*
Du: Schoorsteengierzwaluw Ar: Veloz di chimenea
Range North America, mostly E of the Rocky Mountains, from S Canada to Gulf Coast. Winters in E Ecuador, Peru, NW Brazil and N Chile. Status in Venezuela uncertain, but may be common southbound migrant (Oct–Nov) in Andean passes; unrecorded during spring (Hilty 2003).
Habitat Open country, woodland and around human habitations. Nests and roosts primarily in chimneys.
Status Aruba In recent years non-breeding visitors are seen regularly in small numbers in late Oct and Nov (TDK). Curaçao Casual visitor. One bird, Klein Hofje, 20 Oct 1991 (RM); around 10 birds, Klein Hofje, 27 Oct 1994 (BDB).

Taxonomy Monotypic.

Note This species is nearly identical to *C. chapmani* Chapman's Swift, a rare resident in Venezuela, and difficult to separate from *C. vauxi* Vaux's Swift, which is fairly common resident in mountains of northernmost Venezuela.

Rufous-breasted Hermit *Glaucis hirsutus*
Du: Roodborstheremietkolibrie Ar: Blenchi pecho córá Cu, Bo: Blench pechu kórá
Range From C and E Panama to tropical and subtropical South America, primarily E of Andes. Common in Venezuela (Hilty 2003).
Habitat Tropical lowland evergreen forest, secondary forest, shrubbery along forest streams and mangroves.  
Taxonomy Polytypic. Cu: *G. h. hirsutus* from the northern mainland of South America.  

■White-necked Jacobin *Florisuga mellivora*  
Du: Witnekkolibrie Ar: Blenchi nèk blanco Cu, Bo: Blenchi nèk blanku  
Range On the Gulf-Caribbean slope from S Mexico south through Central America to tropical South America, primarily E of Andes; also Trinidad and Tobago. Uncommon in Venezuela (Hilty 2003).  
Habitat Humid forest, woodland, coffee and tea plantations.  
Status Aruba Casual visitor. Immature male, 24 Apr 1908 (J.F. Ferry, see Voous 1983). One specimen 1908 (FMNH). Curaçao Casual visitor. One adult male, Julianadorp, 4 Jun 1958 (Mrs Sipma, colour-film examined by KHV); probably same bird, same locality, Nov 1958 (FHA). Bonaire No records.  
Taxonomy Polytypic. Ar, Cu: most likely *F. m. mellivora* from the mainland of South America (Voous 1957).  

■Ruby Topaz *Chrysolampis mosquitus*  
Du: Muskietkolibrie Ar, Cu, Bo: Dornasol, Blenchi-dornasol (male), Blenchi-hudiu (female)  
Range From Colombia eastward to the Guianas, including off-lying islands, and south to SE Brazil and E Bolivia.  
Habitat Deciduous forest, arid scrub, gardens, cultivated areas, savannas, mangroves.  
Status Common breeding resident present throughout the year. Locally the numbers fluctuate, probably dependent on the occurrence of flowering plants. Occasionally observed far out at sea but migration between the islands or towards the mainland has not been proven. Nests with eggs recorded Jan–Apr and Sep–Nov. Aruba Three specimens 1892 (AMNH); 8 specimens 1908 (FMNH); 7 specimens, 1951 (5), 1952, 1973 (ZMA). Curaçao Eight specimens 1892 (AMNH); 1 specimen 1908 (FMNH); 20 specimens, 1892 (5), 1895 (12), 1900, *sine die* (2) (USNM); 18 specimens, 1951 (14), 1952, 1954, 1955, *sine die* (ZMA). Bonaire Three specimens, 1892, *sine die* (2) (AMNH); 7 specimens, 1908 (6), 1909 (FMNH); 4 specimens 1969 (USNM); 17 specimens, 1951 (15), 1980, *sine die* (ZMA).  
Taxonomy Monotypic.  

■Blue-tailed Emerald *Chlorostilbon mellisugus*  
Du: Blauwstaartsmaragdkolibrie Ar, Cu, Bo: Blenchi bèrdè, Blenchi  
Range From W Colombia east to Venezuela, including some off-lying islands, the Guianas, and N Brazil. West of Andes to W Ecuador and E of Andes to E Peru, E Bolivia and W Brazil.  
Habitat Forest edge, savannas, arid scrub, cultivated areas, plantations, town gardens.  
Status Common breeding resident present throughout the year. Numbers fluctuate, perhaps dependent on variation in abundance of flowering plants. Nests with eggs recorded in Feb, Mar, May, Jun, Oct and Dec, apparently breeding throughout the year (Voous 1983). Aruba Two specimens, 1892, *sine die* (AMNH); 7 specimens 1908 (FMNH); 6 specimens, 1951 (2), 1952, 1974, 1977, 1989 (ZMA). Curaçao Four specimens 1892 (AMNH); 14 specimens 1908 (FMNH); 11 specimens, 1892 (6), 1895 (2), 1900, 1929, *sine die* (USNM); 21 specimens, 1951 (12), 1952 (2), 1954 (2), 1994 (2), 1996, *sine die* (2) (ZMA). Bonaire Two specimens *sine die* (AMNH); 3 specimens 1908 (FMNH); 4 specimens, 1929 (3), 1969 (USNM); 8 specimens, 1951 (7), 1970 (ZMA).  
Taxonomy Polytypic. Ar, Cu, Bo: *C. m. caribaeus*, occurring in these islands and in Trinidad, Margarita Island and NE Venezuela.  

ALCEDINIDAE  
■Amazon Kingfisher *Chloroceryle amazona*  
Du: Amazoneijsvogel Ar: Cabez grandi bèrdè Cu, Bo: Kabes grandi bèrdè  
Range From S Mexico south through Central America to South America, E of Andes as far as N Argentina. Common in Venezuela, with dispersing birds found mostly Jul to Feb (Hilty 2003).  
Habitat Rivers, ponds, lakes, wooded streams.  
Taxonomy Monotypic. 
Ringed Kingfisher *Megaceryle torquata*
Du: Amerikaanse Reuzenijsvogel Ar: Cabez grandi barica córá Cu, Bo: Kabes grandi barika kórá
Range From S Texas in the USA south through Middle America to South America (primarily E of Andes) as far as Tierra del Fuego; Lesser Antilles. Common in Venezuela (Hilty 2003).
Habitat Rivers, lakes, streams, mangroves, coastal lagoons.
Taxonomy Polytypic. Ar, Cu: ssp unidentified, but most likely *M. t. torquata* from S North America and large part of South America.

Belted Kingfisher *Megaceryle alcyon*
Du: Bandijsvogel Ar: Cabez grandi Cu, Bo: Kabes grandi
Range Whole of North America, northward approximately to 60° N. In winter south of the breeding range through Middle America, to N South America from N Colombia east through the coastal lowlands of Venezuela (there uncommon from Oct–Apr, Hilty 2003) and Guyana, including off-lying islands, Bermuda, the West Indies and the Galapagos Islands.
Habitat Lakes, streams, wooded rivers. In winter also rocky seacoasts.

PICIDAE
Yellow-bellied Sapsucker *Sphyrapicus varius*
Du: Geelbukkaspecht Ar: Parha carpinté barica hel Cu, Bo: Para karpinté barika hel
Range Boreal North America. In winter from E and C USA, south through Middle America as far as Panama; Greater Antilles. Vagrant to Lesser Antilles. Occasional in extreme NW Colombia (Restall et al. 2006).
Habitat Deciduous or mixed coniferous forest. In winter also forest edge, open woodland and suburban areas.
Taxonomy Monotypic.

TYRANNIDAE
Caribbean E. *Elaenia martinica*
Du: Witbukelenia Ar: Elenia caribe Cu: Whimpie Bo: Chonchorogai
Range Local in the West Indies and islands off SE Mexico. Unrecorded in Venezuela (Hilty 2003), but has a tendency to wander as evidenced by records from Florida (ABA 2002) and Trinidad (Raffaele et al. 1998).
Habitat Woodland, forest, scrub, mangroves.
Status Aruba Formerly very scarce breeding resident, now likely occurring only as a vagrant. Last specimen collected at Fontein, 29 Jun 1930 by L.M.R. Rutten and others. Several unconfirmed records, 1971–1979 (EJ and others), possibly still occurring around Ariok National Park and Jamanota (Vouus 1983). One bird, Ariok, 6 Dec 1999 (H. Förber); 1 bird, Spanish Lagoon, 30 Mar 2004 (SGM, observation checked by him against specimens in FMNH). Three specimens 1908 (FMNH); 1 specimen 1930 (RMNH). Curacao Rather scarce breeding resident. Three specimens, 1892 (2), 1896 (AMNH); 1 specimen 1908 (FMNH); 2 specimens, 1895, 1917 (USNM); 12 specimens, 1951 (8), 1952 (2), 1961 (2) (ZMA). Bonaire Rather scarce breeding resident, more numerous than on Curacao (Vouus 1957). Three specimens, 1908 (2), 1909 (FMNH); 2 specimens 1930 (RMNH); 6 specimens, 1929, 1969 (5) (USNM); 11 specimens, 1951 (6), 1961 (2), 1977 (3) (ZMA).
Taxonomy Polytypic. Ar, Cu, Bo: *E. m. riisi*, also occurring in the Virgin Islands and Antigua.
Small-billed Elaenia  *Elaenia parvirostris*

**Du**: Kortsnavelelenia  **Ar**: Elenia pico chikito  **Cu, Bo**: Elenia pik chikí

**Range** Central South America, from E Bolivia, Paraguay, extreme S Brazil, Uruguay and C Argentina south to Buenos Aires. Migrates north in winter reaching northermost South America. Generally uncommon in Venezuela from early Apr to late Sep (Hilty 2003). Only two records from Trinidad and Tobago (Kenefick et al. 2007).

**Habitat** Riverine forest, open woodland, forest edge. In winter also gardens.

**Status Aruba** Casual visitor. One record, 6 May 1908 (Voous 1965b, 1983). One specimen 1908 (FMNH).

**Curaçao and Bonaire** No records.

**Taxonomy** Monotypic.

Lesser Elaenia  *Elaenia chiriquensis*

**Du**: Kleine Elenia Ar: Elenia chikito  **Bo**: Elenia chiki

**Range** From SW Costa Rica south to tropical South America E of Andes, but not in upper Amazonian region. Many populations migratory, but local, uncommon population in Venezuela largely resident (Hilty 2003).

**Habitat** Scrub, open woodland, savannas, cultivated area.

**Status Aruba** No records.

**Curaçao** Casual visitor. Bullenbaai, 27 Oct 1951 (KHV); unconfirmed sight record of single bird, Groot Sint Joris, 18 Jun 1961 (KHV). One specimen 1951 (ZMA).

**Bonaire** Casual visitor. Fontein, 6 Nov 1951 (KHV); unconfirmed sight records near Goto (2), 4 May 1972 (M.H. Hundley and others), near airport, 18 May 1977 (KHV), at Saliña Tam, 19 May 1977 (KHV) and at Fontein, 19 Oct 1979 (KHV). One specimen 1951 (ZMA)

**Taxonomy** Polytypic. **Cu, Bo**: *E. c. albivertex* from NW and NC South America and Trinidad.

**Note** Confusion with other species of *Elaenia* not excluded for any of the sight records (Voous 1983).

Northern Scrub Flycatcher  *Sublegatus arenarum*

**Du**: Noordelijke Struikvliegenpikker Ar: Parha bobo  **Cu**: Para Bobo  **Bo**: Chonchorogai

**Range** From SW Costa Rica and Panama to NE Colombia, N and C Venezuela, including off-lying islands, Guianas and N and C Amazonian Brazil.

**Habitat** Scrub, open woodland, savannas, mangroves.

**Status** Aruba and Curaçao No records.

**Bonaire** Casual visitor. Two records: Fontein, 4 May 1961 (Hundley & Mason 1962); Dos Pos, 5 May 2001 (Ligon 2006).

**Taxonomy** Polytypic. **Ar, Cu, Bo**: the endemic *S. a. pallens*. Syn. *Sublegatus modestus*.

Olive-sided Flycatcher  *Contopus cooperi*

**Du**: Sparrenpiewie Ar, Cu, Bo: Pibi pinades

**Range** Boreal North America and W USA. Winters in Middle America and NW South America. Uncommon non-breeding visitor to Venezuela, primarily mid-Oct to mid-Apr (Hilty 2003).

**Habitat** Open woodland, subalpine coniferous forest. In winter all types of forest.

**Status** Aruba and Curaçao No records. **Bonaire** Casual visitor. Two records: Fontein, 4 May 1961 (Hundley & Mason 1962); Dos Pos, 5 May 2001 (Ligon 2006).

**Taxonomy** Monotypic. Syn. *Contopus borealis; Nuttallornis borealis*.

Eastern Wood Pewee  *Contopus virens*

**Du**: Oostelijke Bospiewie Ar: Pibi di este Cu: Pibi di ost

**Range** Eastern North America, from S Manitoba and S Quebec in Canada south through the USA to S Texas, N Gulf coast and C Florida. Winters in NW South America. Locally fairly common migrant and winter resident in Venezuela, primarily from mid-Sep to late Apr (Hilty 2003).

**Habitat** Deciduous forest and mixed deciduous-coniferous forest, forest edge, open woodland. In winter all types of open forest.

**Status** Aruba Casual visitor. One bird, Ceroe Colorado, 4 Apr 1959 (H.C. Miller). **Curaçao** No records. **Bonaire** Casual visitor. Three records: near Pekelmeer, 22 Oct 1979 (FCL, KHV); Pos Mangel, 4 May 1980 (M.-L. Goodwin, 1983). One specimen 1908 (FMNH).
Note: When no song is heard, it is virtually impossible to separate the Eastern Wood Pewee in the field from Western Wood Pewee *C. sordidulus* which is also known as a regular winter visitor to Venezuela (Hilty 2003). Tentatively, all the above records have been assigned to the Eastern Wood Pewee.

**Vermilion Flycatcher** *Pyrocephalus rubinus*

*Du*: Rode Tiran *Ar*: Pímpiri còrá *Cu*, *Bo*: Pímpiri kòrá

**Range** From SW USA through Middle America to Nicaragua; from N Colombia east to Surinam and NC Brazil; W of Andes south to N Chile; also SE Peru and Bolivia south to Uruguay and NC Argentina; Galapagos Islands. Southernmost populations migrate northward in winter, but probably not beyond S Colombia and S Venezuela (Hilty 2003). Common resident in N Venezuela (Hilty 2003).

**Habitat** Arid scrub, savannas, farmland, riparian woodland.

**Status**
- **Aruba**: Casual visitor. One immature male, Ceroe Colorado, autumn 1957 (H.C. Miller, colour-slide examined by KHV).
- **Curaçao** and **Bonaire**: No records.

**Taxonomy** Polytypic. *Ar*: most likely *P. r. saturatus* from N South America.

**Cattle Tyrant** *Machetornis rixosa*

*Du*: Veetiran *Ar*, *Cu*, *Bo*: Pímpiri vakero

**Range** NW South America and from Bolivia and S Brazil south to N Argentina. Southernmost populations migrate northward in winter. Common resident in N Venezuela (Hilty 2003).

**Habitat** Agricultural regions, pastures, bushy savannas.

**Status**
- **Curaçao** and **Bonaire**: No records.

**Taxonomy** Polytypic. *Ar*: ssp unidentified.

**Streaked Flycatcher** *Myiodynastes maculatus*

*Du*: Gestreepte Tiran *Ar*, *Cu*, *Bo*: Pímpiri strepiá

**Range** From the Mexican Gulf coast south through Middle America and South America to NW Peru and C Argentina. Fairly common resident in N Venezuela, with migrants from south also occurring, mostly in S Venezuela from Mar through Aug (Hilty 2003).

**Habitat** Forest edge, secondary forest, riverine forest, mangroves.

**Status**
- **Aruba** and **Curaçao**: No records.

**Taxonomy** Polytypic. *Bo*: *M. m. insolens* from Middle America.

**Tropical Kingbird** *Tyrannus melancholicus*

*Du*: Tropische Koningstiran *Ar*, *Cu*, *Bo*: Pímpiri hel, Pimpani

**Range** From SW USA south through Middle America and South America W of Andes to C Peru and E of Andes to C Argentina. Southernmost populations migrate northward in winter and northernmost populations southward. Peak numbers in Venezuela occur from Mar to Aug owing to migrants from the south, but the species is common throughout the year (Hilty 2003).

**Habitat** Thorn scrub, forest edge, open woodland, savannas, mangroves.

**Status** Scarce breeding resident in varying numbers. Vouw (1983) surmised that these might be augmented during migration. *Aruba* One specimen of *T. m. satrapa* 1908 (FMNH). **Curaçao** One specimen of *T. m. satrapa* 1908 (FMNH); 10 specimens of *T. m. satrapa*, 1951 (6), 1952, 1954 (2), 1955 (ZMA). **Bonaire** Not breeding regularly, seems to be dependent on freshwater ponds. One *T. m. melancholicus* observed, Cai, 22 May 1979 (FCL, colour-slide examined by KHV); 2 birds at freshwater pond near entrance Washington-Slagbaai National Park, 13 Jul 2000 (JCL, SS); 1 bird, Hato, N Kralendijk, 16 Jul 2001 (Ligon 2006). One specimen of *T. m. satrapa* 1951 (ZMA).

**Taxonomy** Polytypic. *Ar*, *Cu*, *Bo*: the locally breeding *T. m. satrapa*. Single record of nominate *melancholicus* from tropical South America.
Plate 39. Striated Heron *Butorides striata*. (Photo G. van Buurt)

Plate 40. Reddish Egret *Egretta rufescens*. (Photo G. van Buurt)

Plate 41. Greater Flamingo *Phoenicopterus ruber*. (Photo G. van Buurt)
Plate 42. Magnificent Frigatebird *Fregata magnificens*. (Photo G. van Buurt)

Plate 43. Tricolored Heron/Louisiana Heron *Egretta tricolor*. (Photo G. van Buurt)

Plate 44. Snowy Egret *Egretta thula*. (Photo G. van Buurt)
Plate 45. Crested Caracara *Caracara cheriway*. (Photo G. van Buurt)

Plate 46. Brown Pelican *Pelecanus occidentalis*. (Photo S. Mlodinow)
Plate 47. White-tailed Hawk *Buteo albicaudatus*.
(Photo G. van Buurt)

Plate 48. Crested Caracara *Caracara cheriway*.
(Photo G. van Buurt)

Plate 49. American Kestrel *Falco sparverius*.
(Photo G. van Buurt)

Plate 50. Sora Rail *Porzana carolina*.
(Photo G. van Buurt)
Plate 51. Purple Gallinule *Porphyrio martinica*.
(Photo S. Mlodinow)

Plate 52. Caribbean Coot *Fulica caribaea*.
(Photo G. van Buurt)

Plate 53. American Golden Plover *Pluvialis dominica*.
(Photo S. Mlodinow)

Plate 54. Semipalmated Plover *Charadrius semipalmatus*.
(Photo G. van Buurt)
Plate 55. Pectoral Sandpiper *Calidris melanotos*. (Photo S. Mlodinow)

Plate 56. Laughing Gull *Larus atricilla*. (Photo G. van Buurt)

Plate 57. Lesser Yellowlegs *Tringa flavipes* (left)/Stilt-Sandpiper *Calidris himantopus* (right). (Photo S. Mlodinow)
Plate 58. Short-billed Dowitcher *Limnodromus griseus*. (Photo G. van Buurt)

Plate 59. Sandwich Tern *Sterna sandvicensis*. (Photo T. Koppejan)
Plate 60. Royal Tern *Sterna maxima.*
(Photo G. van Buurt)

Plate 61. Least Tern *Sterna antillarum.*
(Photo G. van Buurt)

Plate 62. Scaly-naped Pigeon *Columba squamosa.*
(Photo G. van Buurt)

Plate 63. Bare-eyed Pigeon *Columba corensis.*
(Photo S. Mlodinow)
**Fork-tailed Flycatcher**  *Tyrannus savana*

*Dutch:* Vorkstaartkoningstiran  
*Arabic:* Tirano rabo förki  
*Curacaoan:* Pimipiri rab'i souchi

**Range** Locally from S Mexico south to S Argentina; Falkland Islands. Southernmost population migrates northward in winter. Numbers peak in Venezuela from early Mar to mid-Oct, mostly due to austral migrant *T. s. savana* (Hilty 2003).

**Habitat** Open scrub, pastures with scattered bushes and trees, farmland.

**Status** Irregular non-breeding visitor in varying numbers, more numerous in years with good rains (Voous 1983). Recorded mainly Aug–Oct. **Aruba** One or 2 birds, San Nicolas Bay keys, 27 May–7 Jun 1987 (RVH); 1 bird, Tierra del Sol, 30 March 2004 (SGM and CB in litt.). **Curacao** Seven specimens of *T. s. savana*, 1951, 1955 (4), 1956, *sine die* (ZMA); 1 specimen of *T. s. monachus* 1951 (see Voous 1957, ZMA). Several reliable yet undocumented sightings since 1989 (AOD). **Bonaire** Ligon (2006) reports 10 sight records since 2000. Contrary to Voous (1983) who stated that limits of occurrence are May–Dec, 1 of these in Jan, 1 in Mar and 2 in Apr.

**Taxonomy** Polytypic. Cu: *T. s. savana* from S South America and *T. s. monachus* from N South America. Ar, Bo: ssp unidentified. Syn. *Muscivora tyrannus*.

**Eastern Kingbird**  *Tyrannus tyrannus*

*Dutch:* Koningstiran  
*Arabic:* Tirano cabez preto  
*Curacaoan:* Pímpiri gris, Pímpiri, Pimpiri

**Range** Boreal and temperate Canada and C and E USA. Winters in South America from Colombia, Ecuador and W Amazonia south to E Peru, Bolivia and N Argentina. Rare passage migrant in Venezuela with fewer than ten records (Hilty 2003).

**Habitat** Open country with scattered shrub and trees, farmland, pastures.

**Status** **Aruba** Casual visitor. Bubali, 1 bird, 5 Apr 1978 and 2 birds, 7 Apr 1978 (EJ, colour-slides examined by KHV).

**Curacao** No records.

**Bonaire** Casual visitor. One bird, Pos Mangel, 15–17 Oct 1977 (FCL); 2 birds, Witte Pan, 12 May 1982 (FCL); 2 birds, Playa Tam, 2 Oct 1982 (FCL).

**Taxonomy** Monotypic.

**Grey Kingbird**  *Tyrannus dominicensis*

*Dutch:* Grijs Koningstiran  
*Arabic,* Cu, Bo: Pimipiri gris, Pimpiri, Pimpiri

**Range** The West Indies; Atlantic and Gulf coast of SE USA; locally in NC Venezuela, including off-lying islands. Winters from Panama to Colombia and Venezuela.

**Habitat** Open thorn scrub with scattered trees, coastal regions, savannas, mangroves.

**Status** Breeding resident on Curacao and Bonaire. A sudden increase in numbers in autumn and spring is tentatively attributed to migrants from other parts of the West Indies (Voous 1983). **Aruba** Irregular non-breeding visitor, sometimes in rather large numbers. Breeding suspected, but not confirmed, Spanish Lagoon, Aug 1997 (DFM); regularly seen there, also what seemed mated pairs (SGM in litt.). **Curacao** Four specimens 1892 (AMNH); 6 specimens 1908 (FMNH); 1 specimen *sine die* (USNM); 15 specimens, 1951 (10), 1952 (3), 1954, 1977 (ZMA). **Bonaire** One specimen 1892 (AMNH); 7 specimens 1908 (FMNH); 3 specimens 1930 (RMNH); 4 specimens 1969 (USNM); 12 specimens, 1951 (10), 1978, 1981 (ZMA).

**Taxonomy** Polytypic. Cu: *T. d. dominicensis* breeding locally and occurring in the Greater Antilles, North and South America.

**Brown-crested Flycatcher**  *Myiarchus tyrannulus*

*Dutch:* Cayennetiran  
*Arabic:* Tirano grandi  
*Curacaoan:* Chonchorogai grandi

**Range** From SW USA and W Mexico south through Central America to N Colombia, Venezuela, including off-lying islands, the Guianas, Brazil (except upper Amazon basin) as far south as N Argentina.

**Habitat** Arid regions, open woodland, scrub, mangroves.

**Status** **Aruba** Rather scarce breeding resident. Several pairs observed at Spanish Lagoon and Tierra del Sol, 26 Mar–3 Apr 2004 (SGM and CB in litt.); also several pairs observed at Spanish Lagoon and Frenchman’s Pass from 12–18 Mar 2005 (SGM and CB in litt.). One specimen 1892 (AMNH); 3 specimens 1908 (FMNH); 2 specimens, 1951, 1952 (ZMA). **Curacao** Rather common breeding resident. Eleven specimens, 1892 (3), 1896, 1968 (7) (AMNH); 2 specimens 1908 (FMNH); 23 specimens, 1951 (20), 1952, 1953, 1961 (ZMA). **Bonaire** Rather common breeding resident. One specimen 1892 (AMNH); 1 specimen 1908 (FMNH); 2 specimens 1930 (RMNH);

**Taxonomy** Polytypic. Ar, Cu, Bo: *M. t. tyrannulus* of N South America.

### VIREONIDAE

#### Yellow-throated Vireo  *Vireo flavifrons*

**Du:** Geelborstvireo  
**Ar:** Vireo pecho hel  
**Cu, Bo:** Vireo pechu hel

**Range** North America, E of Rockies, from S Canada through the USA to C Texas and C Florida. Winters from SE Mexico and both slopes of Central America to C Colombia and N Venezuela, where uncommon, and from southern Florida through the West Indies.

**Habitat** Open deciduous forest, woodland, riparian woodland.

**Status**
- **Aruba** No records.
- **Curaçao** Casual visitor. One female, Muizenberg, 21 Mar 1957 (HJK). One specimen 1957 (ZMA).
- **Bonaire** No records.

**Taxonomy** Monotypic.

#### Philadelphia Vireo  *Vireo philadelphicus*

**Du:** Philadelphiavireo  
**Ar, Cu, Bo:** Vireo Philadelphia

**Range** Boreal North America, E of Rockies. Winters from SE Mexico south to Panama. Casual in Colombia (Hilty & Brown 1986).

**Habitat** Open woodland, forest edge, second growth, thickets.

**Status**
- **Aruba** Casual visitor. One bird, Spanish Lagoon, 13 Jan 2002 (Wells & Childs Wells 2004); 1 bird, Spanish Lagoon, 18 Mar 2005 (Mlodinow 2006).  
- **Curaçao** Casual visitor. One bird, Malpais, 1 Apr 2000 (Wells & Childs Wells 2001).
- **Bonaire** No records.

**Taxonomy** Monotypic.

#### Red-eyed Vireo  *Vireo olivaceus*

**Du:** Roodoogvireo  
**Ar:** Vireo wowo córá  
**Cu, Bo:** Vireo wowo kórá

**Range** Nominate race breeds from boreal Canada south to NW USA and then southeast to Texas and Florida; *V. o. olivaceus* winters primarily in South America south to NW Peru and N Argentina. *V. o. vividior* and *chivi* breed in South America from Colombia and Venezuela south to NW Peru and C Argentina, with southernmost populations migratory. In Venezuela, *olivaceus* is a common transient and uncomon to fairly common winter visitor (early Sep to mid-Apr), while *vividior* is a common resident. *V. o. chivi* is an uncommon non-breeding visitor to S Venezuela (Hilty 2003).

**Habitat** Deciduous and mixed forest, second growth and riparian woodland. In winter also mangroves, gardens and plantations.

**Status** Surprisingly rare in our region.  

**Taxonomy** Polytypic. Ar and Bo: unidentified, Cu: *V. o. olivaceus* from North America.

#### Black-whiskered Vireo  *Vireo altiloquus*

**Du:** Baardvireo  
**Ar:** Vireo patiya preto  
**Cu, Bo:** Vireo patia pretu

**Range** Coast of S Florida and throughout the West Indies. Winters in N South America as far as NE Peru, C Brazil and the Guianas.

**Habitat** Secondary forest, thorn scrub, open woodland, fruit plantations, mangroves, beaches.

**Status** Scarce breeding resident.  
- **Aruba** Occurs almost exclusively at Spanish Lagoon. One specimen of *V. a. bonairensis* 1951 (ZMA); 1 specimen of *V. a. altiloquus*, Ceroe Colorado, mid-Oct 1978 (ZMA). **Curaçao** Common on mount Sint Christoffel, Christoffel National Park (AOD) and wooded areas of Klein St. Joris (J. and A. Wells 2003). Eight specimens, 1951 (3), 1952 (3), 1954, 1955 (ZMA). **Bonaire** Sight record of *V. a. barbatulus*, Fontein,

**Taxonomy** Polytypic. Ar, Cu, Bo: *V. a. bonairensis*, described for Bo and also occurring in Los Roques and Margarita Island, off Venezuela, breeding; Ar also nominate *altiloquus* from the Greater Antilles; Bo also nominate *altiloquus*, *V. a. barbatulus* from Florida and Cuba and possibly *V. a. barbadensis* from Barbados and St. Croix, on migration.

**CORVIDAE**

- **House Crow** *Corvus splendens*
  Du: Huiskraai Ar: Cao doméstico Cu, Bo: Kao doméstiko
  **Range** Southern Asia, from coastal Iran east to Thailand, including Laccadive and Maldive Islands. Has a proclivity for riding ships to ports far and near, occasionally leading to establishment of populations at ports, mainly in the Middle East, East Africa and Australasia, but also elsewhere.
  **Habitat** Towns, cities, harbours, near human habitation.
  **Status** Aruba No records. Curaçao Casual visitor. Two adult birds, near Saliña and Schottegat harbour, last week of Apr–27 Aug 2002 (AOD, photos examined). Bonaire No records.
  **Taxonomy** Polytypic. Cu: ssp unknown.

**BOMBYCILLIDAE**

- **Cedar Waxwing** *Bombycilla cedrorum*
  Du: Cederpestvogel Ar: Parha di cedro Cu, Bo: Para di seder
  **Range** Boreal and temperate North America. Winters in southern part of breeding range, south through Middle America to Panama and in the West Indies. One record in Venezuela (Hilty 2003) and no records from Trinidad and Tobago (Kenefick et al. 2007).
  **Habitat** Open woodland, forest edge, parks, orchards, towns.
  **Status** Aruba Casual visitor. One male found dead, Oranjestad, 22 Feb 1979 (AK). One specimen 1979 (ZMA). Curaçao and Bonaire No records.
  **Taxonomy** Monotypic.

**HIRUNDINIDAE**

- **Collared Sand Martin/Bank Swallow** *Riparia riparia*
  Du: Oeverzwaluw Ar: Swalchi ribera Cu, Bo: Souchi ribera
  **Habitat** Open and partly open areas, primarily near water with vertical banks for burrowing nestholes. Outside the breeding season wetlands and open agricultural areas.
  **Taxonomy** Polytypic. Ar, Cu, Bo: *R. r. riparia* from North America.

- **White-winged Swallow** *Tachycineta albiventer*
  Du: Witbuikzwaluw Ar: Swalchi barica blanco Cu, Bo: Souci barika blanku
  **Range** South America, primarily E of Andes south to N Argentina. Southernmost population migrates northward. Common resident in Venezuela (Hilty 2003).
  **Habitat** Larger rivers and lakes, sandy beaches, mangroves.
  **Taxonomy** Monotypic.
**Chilean Swallow** *Tachycineta meyeni*

Du: Chileense Zwaluw Ar: Swalchi chileno Cu, Bo: Souchi chileno

**Range** Southern part of South America, from N Chile and C Argentina south to Strait of Magellan and Tierra del Fuego. Southernmost population migrates north, but no records from either Venezuela (Hilty 2003) nor Trinidad and Tobago (Kenefick et al. 2007).

**Habitat** Rivers, lakes, reservoirs, marshes, coastal areas.

**Status Aruba** No records. **Curaçao** Casual visitor. Sight record of 2 birds, Malpais, 15 May 1977 (B.H.M. de Jong, I. Kristensen, KHV). **Bonaire** No records.


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**Purple Martin** *Progne subis*

Du: Purperzwaluw Ar: Swalchi azul Cu, Bo: Souchi grandi blou

**Range** From S Canada south through the USA to C Mexico. Winter range imperfectly known, but appears to lie mostly within Amazon Basin (AOU 1998). Considered locally abundant spring and autumn migrant in Venezuela (Hilty 2003) but unrecorded on Trinidad and Tobago (Kenefick et al. 2007).

**Habitat** Open areas, especially near water, farmlands, towns.

**Status** Rarely recorded passage migrant which may occur more regularly. Females and immatures are difficult to separate from Cuban Martin, *P. cryptoleuca*, and Caribbean Martin, *P. dominicensis*. Adult males are typically inseparable in field from Cuban Martin (Raffaele et al. 1998). **Aruba** Casual visitor. Single record immature bird, caught and photographed, Bubali, 24 Sep 1978 (EJ, photos examined by E. Eisenmann, A.R. Phillips and KHV).


**Taxonomy** Polytypic. Ar, Cu, Bo: *Progne s. subis* from N and E North America, but occurrence of other ssp cannot be excluded.

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**Cuban Martin** *Progne cryptoleuca*

Du: Cubaanse Purperzwaluw Ar: Swalchi grandi cubano Cu, Bo: Souchi grandi cubano

**Range** Cuba, including some small nearby islands. Thought to winter in South America. No records from Venezuela (Hilty 2003).

**Habitat** Cities, towns and rural areas.

**Status Aruba** No records. **Curaçao** Casual visitor. Adult female and juvenile female, Malpais, 8 Sep 1955 (FHA); male, Malpais, 6 Oct 1955 (HJK); female, Malpais, 30 Sep 1956 (FHA). Three specimens, 1955 (2), 1956 (ZMA).

**Bonaire** No records.

**Taxonomy** Monotypic.

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**Caribbean Martin** *Progne dominicensis*

Du: Caribische Purperzwaluw Ar: Swalchi grandi caribense Cu, Bo: Souchi grandi caribense

**Range** Greater and Lesser Antilles, except Cuba. Also common breeder on Trinidad. Thought to winter (Oct–Dec) in South America (Raffaele et al. 1998). Several sight records from Venezuela, but its occurrence there is still considered hypothetical (Hilty 2003).

**Habitat** Towns, open and partly open areas, especially near water, seacoasts.

**Status Aruba** Casual visitor. First record adult male, Oranjestad, roosting on a roof, 16 Jan 2002 (Wells & Childs Wells 2005); adult male, Bucuti Beach Resort, Eagle Beach, 3 Apr 2004 (SGM and CB). **Curaçao** Irregular non-breeding visitor, possibly not present every year, but may be overlooked most of the time (Voous 1983). Passing on migration in May and Sep–Oct. Two specimens 1955 (ZMA). **Bonaire** Irregular non-breeding visitor in small numbers. Five records. First, 7 May 1966 (M.H. Hundley and members of Florida Audubon Society); most recent, 4 individuals over Plaza Hotel, 10 Oct 2005 (J. Holmes in Ligon 2006).

**Taxonomy** Monotypic.
**Brown-chested Martin** *Progne tapera*

Dutch: Bruinborstzwaluw  
Arabic: Swalchi pecho brùin  
Bohati: Souchi grandi pechu brùin

**Range** South America, E of Andes, from Caribbean coast (including Trinidad) south to C Argentina, except most of Amazonian region. Southernmost populations migrate north, with stragglers having reached Massachusetts and New Jersey, USA (ABA 2002). *P. t. tapera* resident in small numbers in Venezuela, but migrant *P. t. fusca* from south somewhat more numerous, late Mar to early Oct (Hilty 2003). No records from Trinidad and Tobago (Kenefick et al. 2007).

**Habitat** Open woodland and savannas, often near water.

**Status Aruba** Irregular non-breeding visitor in small numbers. Slight record of group of 25 birds, near Oranjestad, Sep 1993 (DFM, TDK); 1 bird, Frenchman’s Pass, Aug 1994 (DFM, TDK); 1 bird, Bubali, 19 Aug 1998 (DFM, TDK); 1 bird, Pos Chiquito, 29 Aug 1998 (DFM, TDK). **Curaçao** and **Bonaire** No records.

**Taxonomy** Polytypic. Ar: ssp unidentified; migrants of southern *P. t. fusca* as well as northern nominate *tapera* may occur.

**Southern Rough-winged Swallow** *Stelgidopteryx ruficollis*

Dutch: Zuid-Amerikaanse Ruwvleugelzwaluw  
Arabic: Swalchi di sùit  
Bohati: Souchi di sùit


**Habitat** Open and partly open areas, especially near water, pastures, farmland.

**Status** Casual visitor. **Aruba** One (possibly 2) birds, Bubali, 21 Feb 1993 (D.W. Finch). **Curaçao** One bird, 16 Sep 1997 (BDB); 1 bird, Klein Hofje, 29 Oct 1998 (BDB). **Bonaire** Three birds, Kralendijk, 23 Oct 1979 (KHV); 2 birds, Kralendijk, 15 Feb–mid-Mar 1986 (FCL and others); elsewhere on the island c. 35 birds, Feb and Mar 1986 (FCL).

**Taxonomy** Polytypic. Ar, Cu, Bo: ssp unidentified, most likely *S. r. ruficollis* from N South America.

**Barn Swallow** *Hirundo rustica*

Dutch: Boerenzwaluw  
Arabic: Swalchi Cu, Bo: Swalchi campesino, Souchi kampesino

**Range** Breeds in the Northern Hemisphere and migrates in winter mainly south of Tropic of Cancer well into the Southern Hemisphere. Common in Venezuela, predominantly from early Sep to late Apr (Hilty 2003).

**Habitat** Open country, near water, farmland, villages and small towns.


**Taxonomy** Polytypic. Ar, Cu, Bo: *H. r. erythrogaster* from North America and Mexico.

**Cliff Swallow** *Petrochelidon pyrrhonota*

Dutch: Amerikaanse Klifzwaluw  
Arabic: Swalchi baranca Cu, Bo: Souchi baranka


**Habitat** Open country, usually near water, towns, also mountainous areas.


**Taxonomy** Polytypic. Ar, Cu, Bo: *P. p. pyrrhonota* from North America, but other ssp cannot be excluded.

Syn. *Hirundo pyrrhonota*.
**Cave Swallow** *Petrochelidon fulva*

Du: Holenzwaluw Ar: Swalchi cueba Cu, Bo: Souchi kueba

**Range** From SC USA to S Mexico; Greater Antilles, where resident. Wintering range poorly known, but seemingly largely within Mexico, but recorded occasionally south to Panama (AOU 1998).

**Habitat** Cultivated areas, especially near water, towns, rocky ravines, coastal cliffs.

**Status**
- **Aruba** No records.
- **Curaçao** Casual visitor. One immature, Bullenbaai, 6 Oct 1952 (FHA). One specimen of ssp *pallida* 1952 (ZMA).
- **Bonaire** No records.


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**MIMIDAE**

**Tropical Mockingbird** *Mimus gilvus*

Du: Tropische Spotlijster Ar, Cu, Bo: Chuchubi

**Range** Tropical Middle America from S Mexico to Honduras, N South America and Lesser Antilles from Guadeloupe southward.

**Habitat** Open areas, thorn scrub, gardens, parks and towns.

**Status**
- **Aruba** One specimen 1892 (AMNH); 1 specimen 1940 (ANSP); 9 specimens 1908 (FMNH); 2 specimens 1930 (RMNH); 1 specimen 1929 (USNM); 8 specimens, 1951 (5), 1952 (2), 1961 (ZMA).
- **Curaçao** Five specimens, 1892 (4), 1896 (AMNH); 9 specimens 1908 (FMNH); 3 specimens, 1930 (2), 1936 (RMNH); 6 specimens, 1884 (2 cotypes of *M. g. rostratus*), 1892 (2), 1895, *sine die* (USNM); 21 specimens, 1948, 1951 (10), 1952 (4), 1954, 1955 (2), 1991, 1994, 1997 (ZMA).
- **Bonaire** One specimen (AMNH); 11 specimens 1908 (FMNH); 2 specimens 1930 (RMNH); 6 specimens, 1929, 1969 (5) (USNM); 9 specimens, 1951 (7), 1952, 1961 (ZMA).

**Taxonomy** Polytypic. Ar, Cu, Bo: *M. g. rostratus*, occurring on these islands and on Orchila, Blanquilla and Tortuga.

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**Brown Thrasher** *Toxostoma rufum*

Du: Rosse Spotlijster Ar: Chuchubi barica marcá Cu, Bo: Chuchubi barika marká

**Range** From S Canada south through the USA, E of Rockies, to EC Texas, the Gulf coast and Florida. Winters in the southern part of the breeding range. Unrecorded in the West Indies south of Cuba (Raffaele *et al.* 1998) and in Central American south of C Mexico (AOU 1998). The Curaçao record is, therefore, the southernmost record by more than 800 km.

**Habitat** Thickets, undergrowth of forest, woodland, shrubby areas.

**Status**
- **Aruba** No records.
- **Curaçao** Casual visitor. Male, Oil refinery, 2 Oct 1957 (FHA). One specimen 1957 (ZMA).
- **Bonaire** No records.

**Taxonomy** Polytypic. Cu, Bo: *T. r. rostratus*, occurring on these islands and on Orchila, Blanquilla and Tortuga.

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**Pearly-eyed Thrasher** *Margarops fuscatus*

Du: Witoogspotlijster Ar, Cu, Bo: Palabrúa Boka Duru, Chuchubi españó, Chuchubi Wowo Blanku

**Range** Throughout the Lesser Antilles; also the islands of Bonaire and formerly Isla Horquilla in Los Hermanos off Venezuela.

**Habitat** Thickets, forest, woodland and urban areas.

**Status**
- **Aruba** No records.
- **Curaçao** Casual visitor. One sight record, Rio Canario (FHA).
- **Bonaire** Rather common breeding resident. Six specimens, 1892 (5), 1951 (AMNH); 2 specimens 1930 (RMNH); 7 specimens, 1947, 1969 (6) (USNM); 11 specimens, 1951 (7), 1952, 1961 (2), 1978 (ZMA).

**Taxonomy** Polytypic. Cu and Bo: the endemic *M. f. bonairensis* which occurred also on Los Hermanos.

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**STURNIDAE**

**European Starling** *Sturnus vulgaris*

Du: Spreeuw Ar, Cu, Bo: Chuchubi oropeo

**Range** Europe and W and C Asia. Introduced in many parts of the world and also in the USA were it breeds from boreal North America south all over the USA. Reached Jamaica by 1903. Also established on Cuba. All populations winter in the southern part of the breeding range, south to N Africa and SE Asia in the Old World and to C Mexico and through much of the Greater Antilles in the New World. Unrecorded in Venezuela (Hilty 2003). Nearest
established populations on Puerto Rico and the Virgin Islands (AOU 1998).

**Habitat** Open woodland, woodland edge, towns and all kinds of cultivated countryside.

**Status Aruba** Casual visitor. Unconfirmed record of single bird, 3 Nov 1960 (J. Hilbrands); 2 birds in winter plumage, Bubali, 18 Nov 1977–2 Jan 1978 (EJ, J.H. van den Koppel, colour-slides examined by KHV).

**Curaçao** No records. **Bonaire** Casual visitor. One record, between Playa Puncti and Wayacá, 10 Nov 1980 (FCL, colour-slide examined by KHV).

**Taxonomy** Polytypic. Ar and Bo: *S. v. vulgaris* which has been introduced in North America.

**TURDIDAE**

**Veery** *Catharus fuscescens*

Du: Veery Ar, Cu: Bo: Chuchubi garganta hel

**Range** Southern Canada and N USA. Migrates in winter to SC Brazil and E Bolivia. Status in Venezuela not entirely clear but probably uncommon winter visitor from mid-Oct to mid-Apr (Hilty 2003).

**Habitat** Deciduous, swampy and mixed forest, wooded mountains, especially with thick undergrowth.


**Taxonomy** Polytypic. Cu, Bo: nominate *C. f. fuscescens* from E North America.

**Grey-cheeked Thrush** *Catharus minimus*

Du: Grijswangdwerglijster Ar, Cu, Bo: Chuchubi garganta pintá

**Range** Extreme NE Siberia, Alaska, and N Canada. Migrates in winter to NW South America south to NW Brazil and east to Guyana. Fairly common in Venezuela from mid-Oct to early May (Hilty 2003).

**Habitat** Coniferous and deciduous forest, shrubby areas.


**Taxonomy** Polytypic. Cu and most likely also Bo: *C. m. minimus* from NE North America.

**Swainson’s Thrush** *Catharus ustulatus*

Du: Dwerglijster Ar: Chuchubi wowo rant blanco Cu, Bo: Chuchubi wowo rant blanku

**Range** Most of subarctic Canada and W USA. Winters from S Texas south through E Mexico and Central America into Colombia. One record from Guyana (AOU 1998), but none from Venezuela (Hilty 2003).

**Habitat** Damp coniferous and deciduous forest, second growth, woodland.

**Status Aruba** No records. **Curaçao** Casual visitor. One bird, Grote Knip, 23 Oct 1951 (KHV). One specimen

**Taxonomy** Polytypic. Cu and most likely also Bo: *C. u. swainsoni* from boreal North America.

**Wood Thrush** *Hylocichla mustelina*

Du: Amerikaanse Boslijster Ar: Chuchubi barica pintá Cu, Bo: Chuchubi barika pintá

**Range** Extreme SE Canada and E USA. Winters from S Texas south through E Mexico and Central America into Colombia. One record from Guyana (AOU 1998), but none from Venezuela (Hilty 2003).

**Habitat** Shaded deciduous forest, mixed woodland, parks and suburban gardens.

**Status Aruba** No records. **Curaçao** Casual visitor. One bird, Klein Sint Joris, 30 Oct 1951 (KHV). One specimen
1951 (ZMA). **Bonaire** No records.  
**Taxonomy** Monotypic.  

**MUSCICAPIDAE**  
**Northern Wheatear** *Oenanthe oenanthe*  
**Du:** Tapuit **Ar:** Chuchubi ala preto **Cu:** Chuchubi ala pretu  
**Range** Alaska, NW and NE Canada, Greenland, Iceland, boreal, temperate and subtropical Europe, NW Africa and Asia. All populations winter in tropical Africa. Unrecorded on continental South America, though there are several records from Mexico and the West Indies (AOU 1998).  
**Habitat** Dry, rocky tundra, desert, steppe, pastures. In migration and winter also fields and meadows.  
**Status Aruba** No records. **Curaçao** Casual visitor. One bird, Malpaís, 4 Nov 1962 (PA. van der Werf). **Bonaire** Casual visitor. One bird, Amboina plantation, 18 Dec 1975 (FCL, colour-photo examined by KHV).  
**Taxonomy** Polytypic. **Cu:** ssp unidentified, but according to known migration routes most likely *O. o. leucorhoa* from NE Canada.  

**PASSERIDAE**  
**House Sparrow** *Passer domesticus*  
**Du:** Huismus **Ar:** Parha di Joonchi **Cu:** Para di Jonchi  
**Range** Originally a Palearctic species, but nowadays introduced in many temperate, subtropical and tropical areas all over the world.  
**Habitat** Human habitations, farmland.  
**Status Aruba** Rather common breeding resident. Oranjestad, Feb 1978 (R. Ruiter); 10–20 birds, Oranjestad, 16 Oct 1979 (FCL); 17 nests, 20 Jul 1980 (CJH); 1 male and 2 females, Tierra del Sol, several occasions in Mar 1997 (JHR); 10 birds, Savaneta, 3–16 Aug 2003 (DFM, TDK). **Curaçao** Rather common and widespread breeding resident. Introduced as cage-birds by J. Jonkhout from the Netherlands, escaped in 1953. More than 40 birds resident on Klein Curaçao, 2000–2005 (incl. observations from 2 and 9 Nov 2005, AOD). **Bonaire** Rather common breeding resident. Population increasing, considered to be inhabiting entire island (Ligon 2006). Early records: 6 birds, near airport, 7 Nov 1989 (FCL); several birds, same area, 1 Nov 1990 (FCL, GJR); 1 bird, 1000 Steps, 8 Dec 2000 (Ligon 2006); 1 bird, Boca Slagbaai, 13 Jan 2001 (Ligon 2006).  
**Taxonomy** Polytypic. **Cu:** *P. d. domesticus* introduced in 1953 from W Europe. **Ar:** **Bo:** ssp unidentified, but very likely also *domesticus*.  

**PLOCEIDAE**  
**Village Weaver** *Ploceus cucullatus*  
**Du:** Grote Textorwever **Ar:** Flègtudó hel  
**Range** Tropical Africa. Introduced into several Caribbean islands and Venezuela (Hilty 2003, Raffaele et al. 1998).  
**Habitat** Rice fields, vegetation near open water, scrub and open woodlands, around human dwellings.  
**Status Aruba** Casual visitor. One bird near the Americana Hotel, 7 Dec 1983 (M.A. Anderson, photo examined by KHV). Unknown if this was a local escapee or wanderer from Curaçao. **Curaçao** Breeding resident, population established from escaped or released cage-birds since 1982 or 1983 (Voous 1985). **Bonaire** No records.  
**Taxonomy** Polytypic. **Ar:** **Cu:** ssp unidentified.  

**Baya Weaver** *Ploceus philippinus*  
**Du:** Bayawever **Ar:** Flègtudó skur  
**Range** Southern Asia, from SE Pakistan eastward to Sumatra, Indonesia.  
**Habitat** Grassland, second growth, farmlands, reed-beds.  
**Status Aruba** No records. **Curaçao** Breeding resident established from escaped cage-birds since early 1980s, making elaborate nests from palm fronds in gardens of the Cas Cora suburb of Willemstad (Brother Yvo Nijsten, AOD). **Bonaire** No records.  
**Taxonomy** Polytypic. **Cu:** ssp unidentified.
PARULIDAE

■ Golden-winged Warbler Vermivora chrysoptera
Du: Geelvleugelzanger Ar, Cu, Bo: Chipe ala di oro
Range North-eastern USA. Winters from S Mexico to C Colombia and N Venezuela, where uncommon from early Oct to late Mar (Hilty 2003).
Habitat Open deciduous woodland, second growth, bogs.
Taxonomy Monotypic.

■ Blue-winged Warbler Vermivora pinus
Du: Blauwvleugelzanger Ar, Cu, Bo: Chipe ala blou
Range Eastern USA. Winters from SE Mexico to NW Colombia. Only Venezuelan record is from Oct (Hilty 2003).
Habitat Second growth, scrubby fields, bogs.
Status Aruba Casual visitor. One adult, Palm Beach, 15 Nov 1991 (RM). Curàçao and Bonaire No records.
Taxonomy Monotypic.

■ Tennessee Warbler Vermivora peregrina
Du: Tennessesezanger Ar, Cu, Bo: Chipe tennessee
Range Northern North America. In winter from S Mexico to NW South America. Fairly common in Venezuela mid-Sep to mid-Apr (Hilty 2003).
Habitat Coniferous and deciduous woodland, alder and willow thickets.
Taxonomy Monotypic.

■ Northern Parula Parula americana
Du: Brilparulazanger Ar, Cu, Bo: Chipe parula
Range Eastern North America, from SE Canada south through the USA to E Mexico. Winters in Middle America from E Mexico to Guatemala and from C Florida and the Bahamas south through the Greater Antilles to the N Lesser Antilles. Casual farther south, but less scarce in Aruba, Curàçao and Bonaire. Recorded only 3 times in Venezuela (Hilty 2003) and 5 times in Trinidad and Tobago (Hayes 2003).
Habitat Humid deciduous and coniferous woodland, riparian woodland, swamps.
Taxonomy Monotypic.
Note Number of records remarkably large in comparison to scarcity in Venezuela and in Trinidad and Tobago.
Chesnut-sided Warbler *Dendroica pensylvanica*

Du: Roestflankzanger Ar: Chipe flanco castanõ Cu, Bo: Chipe banda koló kastanõ

**Range** Eastern North America, from S Canada to E USA. Winters in Central America. Approximately 10 records from Venezuela, late Oct to late Apr (Hilty 2003).

**Habitat** Second growth deciduous forest, brushy thickets.

**Status** Aruba Casual visitor. Three records: 19 Oct 1971 (EJ); Divi-Divi resort, Jan 1994 (J. Wells); 3 birds, Bubali, 12 Mar 2005 (SGM). **Curaçao** No records. **Bonaire** Irregular non-breeding visitor in small numbers. Ten or eleven records: Dos Pos, 12 Nov 1977 (FCL, Dr and Mrs Cavallaro); Kralendijk, 21 Nov 1982 (FCL); Pos Mangel, 8 Oct 1983 (FCL, J. van der Linden); along Tolo trail, 1 Oct 1997 (JCL, L. Sall in Ligon 2006); Pos Mangel, 4 Sep 2000 (Ligon 2006); Slagbaai, 25 Mar 2001 (J. and A. Wells); female, Andrea I dive location, 20 Apr 2001 (SS); possibly the same female at the same place, 21 Apr 2001 (JCL); bright adult male, Dos Pos, 24 Apr 2001 (JCL); male, Hato region, 12 Apr 2002 (JCL); female, near Boca di Diabel, 13 Apr 2002 (JCL, all records since 20 Apr 2001 in Ligon 2006).

**Taxonomy** Monotypic.

**Note** Number of records on Bonaire remarkable in comparison to scarcity on other islands and in mainland South America.

Yellow Warbler *Dendroica petechia*

Du: Gele Zanger Ar: Parha di misa, Chibichibi hel Cu, Bo: Para di misa

**Range** From boreal North America south through the USA and Middle America to the coastal regions of N and NW South America and the West Indies. Winters from S USA to NW South America and in the West Indies.

**Habitat** Riparian woodland and thickets, mangroves, towns.

**Status** Common breeding resident. **Aruba** Three specimens 1892 (AMNH); 1 specimen 1940 (ANSP); 15 specimens 1908 (FMNH); 2 specimens 1930 (RMNH); 11 specimens, 1951 (3), 1952 (7), 1961 (ZMA). **Curaçao** Seventeen specimens, 1892 (13), 1896 (4) (AMNH); 2 specimens, 1911, 1922 (ANSP); 16 specimens 1908 (FMNH); 3 specimens 1930 (RMNH); 12 specimens, 1884 (2, cotypes of D. rufopileata), 1892 (4), 1895, 1929 (2), sine die (3) (USNM); 29 specimens, 1951 (20), 1952 (6), 1954 (2), 1955 (ZMA). **Bonaire** One specimen 1892 (AMNH); 14 specimens 1908 (FMNH); 3 specimens 1930 (RMNH); 6 specimens 1969 (USNM); 15 specimens, 1951 (10), 1961 (2), 1980 (3) (ZMA).

**Taxonomy** Polytypic. Ar, Cu, Bo: the endemic D. p. rufopileata, belonging to the subspecies group of D. p. petechia, widely distributed in the Caribbean and Gulf of Mexico. Migrants from North America, belonging to the subspecies group of D. p. aestiva have never been recorded from the islands.

Blackpoll Warbler *Dendroica striata*

Du: Zwartkopzanger Ar: Chipe pèchi preto Cu, Bo: Chipe pèchi pretu

**Range** Boreal North America. Winters in South America from Colombia, Venezuela and the Guianas primarily E of Andes south as far as NE Peru and Amazonian Brazil. Occurs in Venezuela from late Sep to mid-May, with apparent migratory periods from Sep through Nov and from Apr into May (Hilty 2003).

**Habitat** Coniferous forest, including stunted forest at northern limit of tree growth. In winter various types of woodland.


**Taxonomy** Monotypic.
**Bay-breasted Warbler** *Dendroica castanea*

Du: Kastanjezanger Ar: Chipe barica castaño Cu, Bo: Chipe barika kastaño

**Range** Boreal Canada, E of Rockies, and NE USA. Winters from Costa Rica south to Colombia and NW Venezuela, including some off-lying islands. Fairly common in Venezuela from late Oct into late Apr (Hilty 2003).

**Habitat** Open coniferous and mixed forest, swamppy areas.

**Status** Not easy to separate from the far more numerous *Dendroica striata*, which perhaps explains the surprisingly few records. Sight records have been considered acceptable only when the bay-coloured sides were observed. **Aruba** Casual visitor. One bird in thorn scrub near the mouth of Spanish Lagoon, 2 Nov 2007 (Mlodinow in press). **Curaçao** Casual visitor. One bird, 28 Oct 1951 (KHV); 1 bird, Suffisant, 14 Oct 1962 (HJK).


**Taxonomy** Monotypic.

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**Blackburnian Warbler** *Dendroica fusca*

Du: Sparrenzanger Ar, Cu, Bo: Chipe Blackburn

**Range** SE Canada and NE USA. Winters from Panama to NW South America, from Colombia and Venezuela south in the Andes to C Peru and NW Bolivia. Common in N Venezuela from mid-Aug to late Apr (Hilty 2003).

**Habitat** Mature coniferous, mixed coniferous-deciduous forest and second growth.


**Bonaire** Irregular non-breeding visitor in small numbers. Eight records: Kralendijk, 30 Apr 1958 (Brother Odulfinus); 22 Apr 1975 (FCL); Kralendijk, 3 Nov 1979 (FCL, colour-slides examined by KHV); 15 Oct 1981 (FCL); Pos Mangel, 14 Oct 1983 (FCL); Pos Mangel, 2 May 1991 (GJR); male, Dos Pos, 23 Dec 2000 (JCL, D. Wille); immature male, Dos Pos, 26 May 2001 (Ligon 2006). One specimen 1958 (ZMA).

**Taxonomy** Monotypic.

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**Magnolia Warbler** *Dendroica magnolia*

Du: Magnoliazanger Ar, Cu, Bo: Chipe magnolia

**Range** Southern Canada and NE USA. Winters predominantly in Mexico and Central America south to Panama and in the Greater Antilles. There is only one Venezuelan record (Hilty 2003) and two records from Trinidad and Tobago (Kenefick et al. 2007).

**Habitat** Coniferous and mixed forest, forest edge, second growth. In winter various types of woodland, also tall weeds.

**Status** **Aruba** Casual visitor. One moulting bird, Spanish Lagoon, 28 Mar 2004 (SGM and CB) and one immature at Bubali, 27 Oct 2007 (SGM and CB). **Curaçao** Casual visitor. One bird, Christoffel National Park, 21 Nov 2003 (J.V. Wells and G. Phillips). **Bonaire** Irregular non-breeding visitor in small numbers. One immature bird, Put Bronswinkel, 27 Feb 1993 (D.W. Finch, colour-photographs examined by KHV); female, Put Bronswinkel, 27 Feb 2001 (D. and E. Compton); male, Dos Pos, 12 Mar 2004 and probably the same bird in the same site, 23 Mar 2004 (JCL); 1 bird in winter plumage, Dos Pos, 28 Dec 2004 (JCL, T. Hunefeld, all records since 2000 in Ligon 2006). One specimen 1958 (ZMA).

**Taxonomy** Monotypic.

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**Cerulean Warbler** *Dendroica cerulea*

Du: Azuurzanger Ar: Chipe blou garganta blanco Cu, Bo: Chipe blou garganta blanku

**Range** Eastern USA, where rapidly declining in numbers. Winters in South America from Colombia and NW Venezuela south along the eastern slope of the Andes to S Peru and N Bolivia. Uncommon to fairly common in Venezuela from early Oct to mid-Mar (Hilty 2003).

**Habitat** Mature deciduous forest.

**Status** **Aruba** and **Curaçao** No records. **Bonaire** Casual visitor. One female or immature bird found dead, Oct 1975 (FCL); 1 bird, Slagbaai plantation, 28 Oct 1979 (FCL, KHV); male in summer plumage, Kralendijk, 4 Apr 1987 (FCL). One specimen 1975 (ZMA)

**Taxonomy** Monotypic.
Cape May Warbler  *Dendroica tigrina*

Du: Tijgerzanger  Ar: Chipe Cabo May  Cu, Bo: Chipe Kabo May  
**Range** Central and SE Canada and NE USA. Winters in Florida, the West Indies and casually in N Colombia, N Venezuela and some off-lying islands.  
**Habitat** Spruce forest and mixed forest, forest edge, woodland.  
**Status** Birds in autumn plumage are hard to identify, hence there are almost exclusively spring records. **Aruba** Irregular non-breeding visitor in small numbers. Seven records: adult male, Frenchman's Pass, 2 Apr 1961 (A.Q. Pollock, C.T. Bennett); Rooi Lamoenchi, Jamanota, 26 Jan 1979 (J.E. Winkelman, W.J.R. de Wijs); Bubali, 24 Mar 2003 (SGM); 2 at Bubali, 12 Mar 2005; 2 at Savaneta, 13 Mar 2005; 4 at Spanish Lagoon, 13–18 Mar 2005; 2 at Eagle Beach, 14 Mar 2005 (Mlodinow 2006). **Curacao** Casual visitor. One immature male, Piscadera Bay, 18 Apr 1964 (M.H. Hundley and others). **Bonaire** Casual visitor. Three records: Lima-Sorobon road, 27 Apr 1976 (FCL); Ceru Largu, 8 Jan 1977 (FCL); Ceru Largu, 28 Apr 1977 (FCL).  
**Taxonomy** Monotypic.

Black-throated Blue Warbler  *Dendroica caerulescens*

Du: Blauwe Zwartkeelzanger  Ar: Chipe blou garganta preto  Cu, Bo: Chipe blou garganta pretu  
**Range** South-eastern Canada and NE USA. Winters in the Bahamas and Greater Antilles. Only 3 records from Venezuela (Hilty 2003) and 2 from Trinidad and Tobago (Kenefick et al. 2007).  
**Habitat** Deciduous and mixed forest, second growth.  
**Status** **Aruba** Casual visitor. Three records: Ceroe Colorado, Sep 1973 (R. Stanley); male, Spanish Lagoon, 28 Mar and 2 Apr 2004 (SGM and CB); female, Spanish Lagoon, 15 Mar 2005 (Mlodinow 2006). **Curacao** No records. **Bonaire** Irregular non-breeding visitor in small numbers. Male, Fontein, 13–21 Nov 1975 (FCL and others); male, Kralendijk, 25 Oct 1977 (FCL); male found dead, Nikiboko, 26 Oct 1977 (FCL); female, Dos Pos, 10 Apr 2001 (Ligon 2006); 2 females, Dos Pos, 24 Apr 2001 (Ligon 2006). One specimen 1977 (ZMA)  
**Taxonomy** Polytypic. Ar: ssp unidentified. Bo: **D. c. caerulescens** from N North America.

Yellow-rumped Warbler  *Dendroica coronata*

Du: Geelstuitzanger  Ar: Chipe corona di oro  Cu, Bo: Chipe korona di oro  
**Range** Boreal Canada, W and E USA and NC Mexico. Winters in much of USA, Middle America and the West Indies. One record of **D. c. coronata** and two records of **D. c. auduboni** from Venezuela, the auduboni records are the only ones from South America (Hilty 2003). Two records, subspecies not given, from Trinidad and Tobago (Kenefick et al. 2007).  
**Habitat** Coniferous and mixed forest, woodland.  
**Status** **Aruba** Casual visitor. Male, Bubali, 31 Mar 2001 (E. van Campen); male and female, Bubali, 20 Apr 2001 (E. van Campen, photos examined). **Curacao** Casual visitor. One bird, Hato, Jan 1954 (HJK); 1 bird, Muizenberg, 17 Dec 1956 (HJK). One specimen 1956 (ZMA). **Bonaire** Irregular non-breeding visitor in small numbers. Five records: Dos Pos, Dec 1957 (LaBastille Bowes 1958); near Lake Goto, 4 Apr 1977, (FCL, Dr and Mrs Cavallaro); road to Sorobon, 29 Nov 1989 (FCL); Dos Pos, 16 Apr 1992 (GJR, colour-slide examined); male, Dos Pos, 24 Apr 2001 (Ligon 2006).  
**Taxonomy** Polytypic. Ar: ssp unidentified. Bo: **D. c. caerulescens** from N North America.

Black-throated Green Warbler  *Dendroica virens*

Du: Gele Zwartkeelzanger  Ar, Cu, Bo: Chipe lomba bèrdè  
**Range** Central and SE Canada and E USA. Winters in S Florida, the West Indies and Middle America. More than 20 records from Venezuela, mostly early Nov to late Feb (Hilty 2003).  
**Habitat** Open coniferous and mixed forest, second growth, swamps.  
**Status** **Aruba** Casual visitor. Two records: Ceroe Colorado, Oct 1976 (R. Stanley); male, Rooi Lamoenchi, Jamanota, 26 Jan 1979 (J.E. Winkelman, W.J.R. de Wijs). **Curacao** Casual visitor. One bird, Klein Hofje, 21 Nov 1992 (BDB, A. Spaans). **Bonaire** Irregular non-breeding visitor in small numbers. One male, 4 May 1962 (M. Hundley and members of Florida Audubon Society); 1 male, Lima, 27 Apr 1976 (FCL, colour-slides examined by KHV); 1 male, Kralendijk, 3 May 1976 (FCL); 1 bird, Pos Mangel, Apr 1999 (Ligon 2006).  
**Taxonomy** Monotypic.
■Prairie Warbler *Dendroica discolor*

Du: Prairiezanger Ar, Cu, Bo: Chipe pradera

**Range** Eastern USA. Winters in Florida, the West Indies and islands off the coast of SE Mexico. Unrecorded in Venezuela (Hilty 2003) and only one record from Trinidad and Tobago (Kenefick et al. 2007).

**Habitat** Second growth, scrub and mangroves.

**Status Aruba** Casual visitor. One bird, Lago Colony (Ceroe Colorado), 20 Nov 1955 (H.C. Miller); seen at Ceroe Colorado every year, mostly in Oct, from 1972 till 1978 (Mr and Mrs Stanley in Voous, 1983). **Curaçao** Casual visitor. One bird, Rooi Sanchie (Knip), 11 Apr 1979 (J.E. Winkelman). **Bonaire** No records.

**Taxonomy** Polytypic. Ar, Cu, Bo: ssp unidentified.

■Palm Warbler *Dendroica palmarum*

Du: Palmzanger Ar, Cu, Bo: Chipe di palma

**Range** Central and E Canada and NE USA. Winters along the Atlantic and Gulf coast of the S USA and Middle America south to Honduras and in the Greater Antilles. Only one record from Venezuela (*D. p. palmarum*) and none from Trinidad and Tobago (Hilty 2003, Kenefick et al. 2007).

**Habitat** Bogs, undergrowth near water and open areas with scattered trees.

**Status** Casual visitor. **Aruba** One bird, Ceroe Colorado, 4 Nov 1956 (H.C. Miller); 1 bird, Bubali, 7 Dec 1997 (H. Farber). **Curaçao** One bird (possibly male), Muizenberg, 23 Feb 1957 (FHA, HJK); 1 female, Muizenberg, 9 Mar 1957 (FHA, HJK). Two specimens 1957 (ZMA). **Bonaire** One bird, Dos Pos, 29 Mar 2003 (JCL, L. Sweating, C. Hummer); 1 bird, Hato region, 30 Apr 2004 (both records in Ligon 2006).

**Taxonomy** Polytypic. Ar, Cu, Bo: the western ssp *D. p. palmarum*. H. Farber indicated that the bird he observed on Aruba showed the characters of the eastern ssp *D. p. hypochrysea*.

■Black-and-white Warbler *Mniotilta varia*

Du: Bonte Zanger Ar: Chipe trepador Cu, Bo: Chipe kabes abou

**Range** Boreal Canada and E USA, E of Rockies. Winters along the Gulf coast, south through Middle America to NW South America; also in the West Indies. Uncommon to fairly common in N Venezuela early Sep to early Apr (Hilty 2003).

**Habitat** Deciduous and coniferous forest, woodland.


**Taxonomy** Monotypic.

■American Redstart *Setophaga ruticilla*

Du: Amerikaanse Roodstaart Ar: Rabo còrá americana Cu, Bo: Rabu kòrá

**Range** Boreal Canada and E USA, E of Rockies. Winters in C Florida, the West Indies and south through Middle America to NW South America, from Colombia, Venezuela and the Guianas to the Pacific coast of Peru and NW Brazil. Fairly common in Venezuela, mostly from late Aug to early Mar (Hilty 2003).

**Habitat** Open deciduous and mixed woodland, riparian woodland, second growth.

**Status** Non-breeding visitor. The most common North American warbler in winter. Recorded from 8 Aug (Curaçao) until 16 May (Aruba), most numerous in Sept and Oct. **Aruba** One specimen 1972 (ZMA). **Curaçao** Fourteen specimens, 1951 (8), 1952 (3), 1954 (3) (ZMA). **Bonaire** One specimen 1951 (ZMA).

**Taxonomy** Monotypic.

■Prothonotary Warbler *Protonotaria citrea*

Du: Citroenzanger Ar, Cu, Bo: Chipe protonotario

**Range** Eastern USA. Winters from S Mexico south through Central America to coastal districts of NW South America, from Ecuador to Surinam, including off-lying islands; also in the Greater Antilles. Fairly common to common, late Sep to early Mar, in N Venezuela (Hilty 2003).
Habitat Swampy woodland and forest, flooded riverine forest.


Taxonomy Monotypic.

Worm-eating Warbler *Helmitheros vermivorum*

Du: Streepkopzanger Ar: Chipe comedor di bichi Cu, Bo: Chipe komedó di bichi

Range Eastern USA. Winters in Middle America from S Mexico to C Panama and in Bermuda, the Bahamas, Greater Antilles and Cayman Islands. Two records from Venezuela (Hilty 2003) and none from Trinidad and Tobago (Kenefick et al. 2007).

Habitat Wooded hillsides and damp bushy ravines with dense undergrowth.

Status **Aruba** and **Curaçao** No records. **Bonaire** Casual visitor. One adult bird, in garden near Punt Vierkant, 23 Oct 1979 (FCL), 1 adult bird, Hofje Fontein, 2 Nov 1989 (FCL).

Taxonomy Monotypic.

Ovenbird *Seiurus aurocapilla*

Du: Ovenvogel Ar: Chipe di fòrno Cu, Bo: Chipe di fòrnû

Range Boreal Canada and USA, E of Rockies. Winters in Florida, the West Indies, and in Middle America south to Panama. Fewer than ten records for Venezuela (Hilty 2003) and only 3 from Trinidad and Tobago (Kenefick et al. 2007).

Habitat Mature deciduous and mixed forest with dense undergrowth.


Taxonomy Polytypic. Ar, Cu, Bo: mainly *S. a. aurocapilla* from E North America, but one Curaçao specimen shows the characters of the western ssp *cinereus*.

Note Considering the status in nearby Venezuela, surprisingly regular non-breeding visitor, albeit in small numbers.

Northern Waterthrush *Seiurus noveboracensis*

Du: Noordse Waterlijster Ar, Cu, Bo: Chipe di suela nortenõ

Range Boreal North America. Winters in S Florida, the West Indies and from Middle America south to Ecuador and east to the Guianas, including off-lying islands.

Habitat Thickets and woodland near water, swamps, bogs.


Taxonomy Monotypic.

Louisiana Waterthrush *Seiurus motacilla*

Du: Louisianawaterlijster Ar, Cu, Bo: Chipe di suela sureño

Range Eastern USA, excluding S coastal regions. Winters in the West Indies and from Middle America south to N Colombia, with at least 6 records from NW Venezuela. Unrecorded in Trinidad and Tobago (Kenefick et al. 2007).

Habitat Forest and woodland with running streams and swamps.
**Kentucky Warbler** *Oporornis formosus*

**Du:** Kentuckyzanger Ar, Cu, Bo: Chipe di Kentucky

**Range** Eastern USA, excluding S coastal regions. Winters in Middle America from S Mexico to Panama. Rare SE to NW Venezuela (Hilty 2003) and unrecorded in Trinidad and Tobago (Kenefick et al. 2007).

**Habitat** Humid deciduous forest with dense undergrowth, swamp edges and shady ravines.

**Status Aruba** Casual visitor. One bird, Paraguaná, 8–25 Sep 1977 (J.H. van den Koppel).

**Curacao** Casual visitor.


**Taxonomy** Monotypic.

**Connecticut Warbler** *Oporornis agilis*

**Du:** Connecticutzanger Ar, Cu, Bo: Chipe di Connecticut

**Range** Southern C Canada and NC USA. Winters in South America, mostly E of Andes, but range poorly known (AOU 1998). In Venezuela, rare to uncommon migrant mostly from late Sep through late Oct and from late Apr to early May (Hilty 2003).

**Habitat** Spruce and tamarack bogs, open poplar woodland during breeding season. Dense broadleaf woodlands with heavy understorey during migration and winter.

**Status Aruba** Irregular non-breeding visitor in small numbers. Four records: Ceroe Colorado, Oct 1957 (H.C. Miller); same locality, Oct 1958 (H.C. Miller); 16 Oct 1960 (J. Hilbrands); Voous (1983) mentions 1 other unspecified record. **Curacao** Irregular non-breeding visitor in small numbers. Eight records: Klein Curacao, 15 Oct 1950 (FHA); male, Julianadorp, 15 Oct 1951 (Mrs de Jong); male, Malpais, 9 Oct 1954 and female, same place, 10 Oct 1954 (FHA); male, Malpais, 9 Oct 1954 (FHA); CARMABI, Piscadera Bay, 11 Oct 1979 (BDB); Wechi, 15 Oct 1984 (BDB); Malpais, 13 Nov 1998 (BDB). Five specimens, 1950 (Klein Curacao), 1951, 1954 (3) (ZMA).


**Taxonomy** Monotypic.

**Mourning Warbler** *Oporornis philadelphia*

**Du:** Grijskopzanger Ar, Cu, Bo: Chipe di luto

**Range** Boreal Canada, E of Rockies, and NE USA. Winters in Central America from S Nicaragua south to extreme NW South America. Locally fairly common in NW Venezuela from mid-Oct to at least mid-Mar (Hilty 2003).

**Habitat** Open woodland with dense undergrowth, often near marshes or bogs.

**Status Aruba** Casual visitor. Two unconfirmed records: Gran Tonel, 24 Oct 1974 (CJH); Brazil, 30 Oct–4 Nov 1978 (AK).

**Curacao** Casual visitor. One bird, Parera, 1 Nov 1951 (KHV); 1 bird, Wechi, 25 Nov 1984 (BDB).

**Bonaire** No records.

**Taxonomy** Monotypic.

**Common Yellowthroat** *Geothlypis trichas*

**Du:** Gewone Maskerzanger Ar: Mascarita comun Cu, Bo: Maskarita komun

**Range** Boreal Canada and almost all over the USA. Winters throughout the southern part of the breeding range, Middle America, extreme NW South America and in the Bahamas and Greater Antilles. Recorded but once in Venezuela (Hilty 2003) and three times in Trinidad and Tobago (Kenefick et al. 2007).
Habitat Marshes, thickets near water, reed-beds, brushy pastures, old fields.
Status Surprising number of records in Aruba given scarcity in Venezuela, Curaçao, Bonaire, Trinidad and Tobago.

Aruba Irregular non-breeding visitor in small numbers. Nine records: male, Bubali, 26 Jan 1979 (EJ); 2 birds, Bubali, 7 Dec 1997 (H. Farber); male, Bubali, 6 Dec 2001 (H. Farber); 5 birds (among them 2 adult males), Bubali, 27 Mar 2004 (SGM and CB, video tape of male and female examined); 10 birds at Bubali, 1 at Bucuti Beach Resort, 1 at Spanish Lagoon and 1 at Tierra del Sol golfcourse, 12–18 Mar 2005 (Mlodinow 2006).

Curaçao Casual visitor. One male, Wechi, 18 Nov and 2 Dec 1984 (BDB, drawing examined by KHV).


Taxonomy Polytypic. Ar, Cu, Bo: ssp unidentified. According to Voous (1983) the 1979 Aruban record may have belonged to the nominate G. t. trichas from E North America.

Hooded Warbler Wilsonia citrina
Du: Monnikszanger Ar: Chipe velo preto Cu, Bo: Chipe belo pretu

Range From SE Canada south through E USA. Winters on the Gulf-Caribbean slope of Middle America and in the Bahamas and Greater Antilles. Five records from Venezuela (Hilty 2003) and 2 from Trinidad (Kenefick et al. 2007).

Habitat Mature and second growth deciduous forest with dense understory, especially along streams and ravines.
Status Surprising number of records given scarcity in Venezuela and Tobago. Aruba Irregular non-breeding visitor in small numbers. One bird, Bubali, 22 Apr 1977 (J.H. van den Koppel); 1 bird, Ceroe Colorado, Nov 1978 (R. Stanley); 1 female, Spanish Lagoon, 23 Mar 2003 (SGM); 1 male, Bubali, 24 and 30 Mar 2003 (SGM); 1 female, Spanish Lagoon, 28 Mar 2004 (SGM and CB); 1 bird Spanish Lagoon, 18 Mar 2005 (SGM).

Curaçao No records. Bonaire Non-breeding visitor in small numbers. Vouos (1983) mentions 13 records, including two cases of wintering (Put Bronswinkel, 23 Nov 1974–4 Apr 1975 and Fontein, 1 Nov 1976–11 Apr 1977); additional records (Ligon 2006): Dos Pos, 1 Mar 1997 (JCL); Dos Pos, 1 and 4 Apr 2001 (E. Mueller); male, Dos Pos, 3 Mar 2002 (JCL, C. Powell); same locality (perhaps same bird), 5 Mar 2002 (D. Canterbury and members of American Birding Association tour); male and female, Dos Pos, 11 Mar 2002 (JCL, C. Glendinning); male, Dos Pos, 4 Apr 2002 (JCL, D. Walter); male, Dos Pos, 13 Apr 2002 (JCL); Fontein, 28 Oct 2003 (JCL); male, near Dos Pos, 28 Dec 2004 (JCL, T. Hunefeld).

Taxonomy Monotypic.

Canada Warbler Wilsonia canadensis
Du: Canadese Zanger Ar, Cu, Bo: Chipe canades

Range South-east Canada and NE USA. Winters in NW South America, from Venezuela to S Peru. Locally fairly common in Venezuela, mostly from late Oct to early Mar (Hilty 2003).

Habitat Deciduous and mixed forest with dense undergrowth and tall brush, especially near bogs and streams.


Taxonomy Monotypic.

ICTERIDAE

Troupial Icterus icterus
Du: Oranje Troepiaal Ar, Cu, Bo: Trupial, Trupial sabí

Range South America, from NE Colombia east to SW Guyana, including most of Venezuela and some off-lying islands, south through Brazil to SE Peru, Bolivia (E of Andes) and N Argentina.

Habitat Arid woodland, mangroves, gallery forest, open savannas, dry scrub, gardens, plantations.

Status Aruba Common breeding resident. Two specimens 1892 (AMNH); 2 specimens 1908 (FMNH); 3 specimens, 1930 (2), 1936 (RMNH); 1 specimen 1929 (USNM); 4 specimens, 1951 (2), 1952, 1961 (ZMA). Curaçao Common breeding resident. Two specimens 1930 (RMNH); 1 specimen sine die (USNM); 21 specimens, 1948, 1951 (12), 1952 (3), 1954 (2), 1977, 1995, 1997 (ZMA). Bonaire Rather common breeding resident. In 1973, 6 birds were introduced from Curaçao, in 1975 12 birds (FCL in Vouos 1983). First breeding recorded Mar 1974. Numbers have increased since then and the species is now found all over the island. Three specimens, 1979, 1983, 1984 (ZMA).

Taxonomy Polytypic. Ar, Cu, Bo: ssp I. i. ridgwayi, also occurring in N Colombia and NW Venezuela.
**Orchard Oriole** *Icterus spurius*
Du: Tuintroepiaal Ar, Cu, Bo: Trupial shouru

**Range** South C Canada, E USA and C Mexico. Winters from Middle America south to Colombia and NW Venezuela, where it occurs from Sep to Mar (Hilty 2003).

**Habitat** Open woodland, second growth, scrub, orchards.

**Status Aruba** No records. **Curaçao** Casual visitor. One female, Boka Santa Marta, 16 Jan 1995 (K. Job, drawings examined by KHV). **Bonaire** No records.

**Taxonomy** Polytypic. Cu: ssp not known, but most likely the North American *I. s. spurius*.

**Baltimore Oriole** *Icterus galbula*
Du: Baltimoretroepiaal Ar, Cu, Bo: Trupial di Baltimore

**Range** Southern Canada, E of Rockies, and E USA. Winters in SE USA and from C Mexico south through Central America to NW Colombia and N Venezuela, where rare to uncommon, mainly early Jan to early Mar (Hilty 2003).

**Habitat** Open woodland, forest edge, plantations, agricultural areas, suburban areas with large trees.

**Status Aruba** Casual visitor. For an unspecified number of years appearing at Ceroe Colorado in Sep (R. Stanley in Voous 1983); single bird, 25 Nov 1971 (A.D. Heineman).

**Curaçao** No records. **Bonaire** Irregular non-breeding visitor in small numbers. One bird, 4 May 1962 (M.H. Hundley and members of Florida Audubon Society, FCL, colour-slides examined by KHV); male, Kralendijk, 21 Oct 1978 (FCL); male, Kralendijk, 31 Mar–21 April 1985 (FCL); first-year female, Hato, 16 Oct 2001; 1 bird, near Divi Flamingo dive centre, 28 Oct 2003 (Ligon 2006).

**Taxonomy** Monotypic.

**Yellow Oriole** *Icterus nigrogularis*
Du: Gele Troepiaal Ar: Gonzalito Cu, Bo: Trupial kachó

**Range** North-eastern South America from N Colombia east to the Amazon river delta in N Brazil, also Aruba, Curaçao, Bonaire, Margarita Island and Trinidad.

**Habitat** Deciduous woodland, scrub, arid thorn, mangroves, towns, gardens.

**Status Aruba** Scarce breeding resident. One specimen 1892 (AMNH); 8 specimens 1908 (FMNH); 1 specimen 1929 (USNM); 4 specimens, 1951 (3), 1961 (ZMA). **Curaçao** Common breeding resident. Five specimens 1892 (AMNH); 7 specimens 1908 (FMNH); 3 specimens, 1884 (type of *I. n. curasoensis*), 1917, *sine die* (USNM); 13 specimens, 1951 (7), 1952, 1954 (2), 1955 (2), 1995 (ZMA). **Bonaire** Rather common breeding resident, less common than *Icterus icterus*. Two specimens 1908 (FMNH); 1 specimen 1929 (USNM); 4 specimens, 1951 (2), 1980, 1988 (ZMA).

**Taxonomy** Polytypic. Ar, Cu, Bo: the endemic *I. n. curasoensis*. According to Voous (1957) birds from Aruba resemble the nominate *nigrogularis* from continental South America in shape of bill, according to Beylevelt (1995) in intensity of the yellow tinge of the underparts.

**Oriole-Blackbird** *Gymnomystax mexicanus*
Du: Wielewaaltroepiaal Ar, Cu, Bo: Zenata mexicano

**Range** Northern South America from NE Colombia east through N Venezuela and the coastal Guianas, south through Amazonian Brazil to E Ecuador and NE Peru. Common in N Venezuela (Hilty 2003).

**Habitat** Open areas with scattered trees, gallery woodland, grassland, savannas, marshes, islands in rivers.

**Status Aruba** Casual visitor. Single bird, Bubali, 27 and 29 May 1990 (GJR).

**Curaçao** and **Bonaire** No records.

**Taxonomy** Monotypic.

**Yellow-hooded Blackbird** *Chrysomus icterocephalus*
Du: Geelkaptroepiaal Ar: Trupial preto kabez hel Cu, Bo: Trupial pretu kabez hel

**Range** Northern South America, from NW Colombia east through Venezuela and the Guianas to the mouth of the Amazon, south through Amazonian Brazil to SE Colombia and NE Peru. Fairly common in N Venezuela (Hilty 2003).

**Habitat** Marshes, wet grassland and semi-open grassy areas.


**Taxonomy** Polytypic. Cu and Bo: *C. i. icterocephalus* from N South America. Syn. *Agelaius icterocephalus*.
Shiny Cowbird  *Molothrus bonariensis*

**Du:** Glanskoevogel  **Ar:** Parha vakero lustroso  **Cu, Bo:** Para vakero lustroso

**Range** From E Panama south through most of South America (excluding heavily forested regions) to C Chile and C Argentina; also most of the West Indies and Florida.

**Habitat** Grassland, pastures, open forest and clearings, farmland, arid lowland scrub.

**Status Aruba** Rather scarce recently established breeding resident, increasing in numbers. Three birds, Bubali, 21 Aug 1997 (TDK, colour-slides examined); 1 bird, Bubali, Aug 1997 (T. White); 6 females and 3 males, Savaneta, 25 Aug 1998 (DFM, TDK); 70 birds seen roosting near Bucuti Beach Hotel, 29 Mar 2003 (SGM); up to 300 birds roosting there in late Oct 2007 (SGM); 15 birds at Bubali, 3–16 Aug 2003 (DFM). **Curaçao** Rather common recently established breeding resident. First record prior to 1985 (Brother Yvo Nijsten, colour-slides examined). Between 8 March and 12 May 1991 flocks of 8 to 22 adults and juveniles were observed at Soto, Girouette and Jan Sofat, localities separated by about 18 km. Present in Christoffel National Park in 2005 (AOD). It is unknown whether the species arrived by natural colonization or was introduced by aviculturists (Debrot & Prins 1992). Twenty five specimens, 1991 (13), 1993, 1994 (5), 1996 (5), 1997 (ZMA).

**Taxonomy** Polytypic. **Ar, Cu:** most likely *M. b. venezuelensis* from N Venezuela (Debrot & Prins 1992).

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Carib Grackle  *Quiscalus lugubris*

**Du:** Caribische Troepiaal  **Ar:** Zenata caribeña  **Cu, Bo:** Zenata karibeño

**Range** Lesser Antilles and N South America from E Colombia and N Venezuela along the coast, including off-lying islands and Trinidad, to the Amazon delta in Brazil. Expanding its range.

**Habitat** Open woodland, farmland, urban areas.

**Status Aruba** Rather common introduced breeding resident. Twelve birds imported from Maracay, Venezuela were released in 1981 by Mr E. Guardiola (Reuter 1999). **Curaçao** Rather scarce breeding resident. Five birds, Klein Hofje, 7 Sep 1991 (RM); 2 males and 1 female, Dokweg, 3 May 1997 (DMCP); 1 bird, Holiday Beach Hotel, 4 May 1997 (DMCP); 4 birds, Dok, 11 May 1997 (BDB); 1 bird mangrove Schottegat-east, 1 Dec 2001 (LS); breeding colony, Rif, Otrobanda, 2003–2005, Jan Sofat, 2006 (AOD); some were present in Willemstad, 3–12 May 2005 (LS). **Bonaire** Rather scarce breeding resident. Formerly a rare visitor (Voons 1983), but currently recorded throughout the southern part of the island. Early records: female, Salt Company, 7 Mar 1980 (FCL and others); male, near petrol station in Kralendijk, 23–24 Jun 1984 (FCL); male, Simon Bolivar, 18 Mar 1985 (FCL); male, Simon Bolivar, 13 May 1985 (FCL). Observed nesting in 1998 (SS in Ligon 2006); nesting near Blue Ribbon Rice Company, Kralendijk, Mar 2001 (Ligon 2006); at least 8 active nests near Rice Company, 29 Dec 2001 (JCL, J. and A. Watson, D. Preker in Ligon 2006).

**Taxonomy** Polytypic. **Ar:** *Q. l. lugubris* from N Venezuela. Cu and Bo: unidentified, but most likely *Q. l. lugubris*.

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Great-tailed Grackle  *Quiscalus mexicanus*

**Du:** Langstaarttroepiaal  **Ar:** Zenata rabo largo  **Cu, Bo:** Zenata rabu largu

**Range** SW USA, Middle America and along the coast of NW South America, east to NW corner of Venezuela and south to N Peru.

**Habitat** Grassland, pastures, farmland, thickets, marshes, mangroves and towns.

**Status Aruba** Casual visitor. One bird, Bubali, 27 May 1990 (GJR); 1 male, Nov 1991 (RM, colour-slides examined by KHV). **Curaçao** Scarce breeding resident. Two adults and 5 juveniles, Zeelandia and Groot Davelaar, 23 Jul 1991 (RM); 5 birds, near the docks, 18 Apr 1992 (GJR); 1 male, near the docks, 3 and 5 May 1992 (GJR, colour-slides examined by KHV); 4 birds (probably 3 males and 1 female), near Dok, 4 May 1997 (BDB); 1 bird, near the docks, 31 Oct 1998 (BDB). 2–5 birds (all in female plumage), Schottegat, 23 Nov 2003 (J.V. Wells, G. Phillips); several females with nesting material in 2003 (AOD). **Bonaire** No records.

**Taxonomy** Polytypic. **Ar, Cu:** ssp unidentified, but most likely *Q. m. peruvianus* from nearby areas in South America.

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Greater Antillean Grackle  *Quiscalus niger*

**Du:** Antilliaanse Troepiaal  **Ar, Cu, Bo:** Zenata antiano

**Range** Greater Antilles.
Habitat  Farmland, pastures, open scrub, mangroves, towns.

**Status Aruba**  Casual visitor. One bird, Savaneta, 18–19 Sep 1999, appeared after the passing of a hurricane and was seen regularly among a group of Carib Grackles and Shiny Cowbirds flying around at Savaneta and Bubali at least until late December 2002 (TDK, DFM *in litt.*). **Curacao** and **Bonaire**  No records.

**Taxonomy**  Polytypic. Ar: ssp unidentified.

#### Red-breasted Blackbird  *Sturnella militaris*

**Du:** Zwartkopsoldatenspreeuw  **Ar:** Chuchubi pecho córá  **Cu:** Chuchubi pechu córá

**Range**  From SW Costa Rica to N South America, including some off-laying islands. Locally common in Venezuela.

**Habitat**  Grassland, pastures, cultivated areas.


**Curacao** and **Bonaire**  No records.

**Taxonomy**  Monotypic.

#### Eastern Meadowlark  *Sturnella magna*

**Du:** Witkaakweidespreeuw  **Ar:** Chuchubi dashi preto  **Cu:** Chuchubi dashi pretu

**Range**  South-eastern Canada, E USA, most of Middle America and N South America from E Colombia east to the mouth of the Amazon and south to Amazonian Brazil. In the West Indies only in Cuba. The most northern populations migrate southwards in winter. Fairly common in Venezuela (Hilty 2003).

**Habitat**  Open grassland, pastures, farmland.

**Status Aruba** and **Curacao**  No records. **Bonaire**  Casual visitor. One adult, Playa Pabau, Kralendijk, 2 Nov 1977 (Dr and Mrs Cavallaro).

**Taxonomy**  Polytypic. Bo: ssp unidentified, but most likely *S. m. meridionalis* or *S. m. paralios* from N South America.

#### Bobolink  *Dolichonyx oryzivorus*

**Du:** Bobolink  **Ar:** Parha di aña  **Cu:** Para di aña

**Range**  Southern Canada and N USA. Winters in C South America from E Bolivia to N Argentina. Fairly common migrant from late Sep to early Nov and from early Apr to early May in Venezuela (Hilty 2003).

**Habitat**  Tall grass, flooded meadows, prairie, farmland, alfalfa and clover fields.

**Status**  Regular non-breeding visitor, much more numerous in some years than in others. Notable decline in numbers in the last decade (AOD). Observed in flocks of up to more than 50 birds mainly from mid-Sep to mid-Nov and in spring between 25 Feb and 14 May (Vouos 1983). **Aruba**  One summer record, female, Bubali, 19 Aug 1998 (DFM). One specimen 1908 (FMNH); 2 specimens, 1974, 1979 (ZMA).

**Curacao**  Four specimens, 1892 (2), 1895, 1917 (USNM); 26 specimens, 1951 (17), 1952 (3), 1954, 1961 (3), 1964, 1982 (ZMA).

**Bonaire**  Four specimens, 1951 (2), 1978, 1979 (ZMA).

**Taxonomy**  Monotypic.

#### COEREIDAE

#### Bananaquit  *Coereba flaveola*

**Du:** Suikerdiefje  **Ar:** Barica hel, Chibichibi  **Cu:** Barika hel  **Bo:** Bachi pretu

**Range**  Tropical America. From S Mexico south through Central America and N South America W of Andes to NW Peru and E of Andes to NW Argentina, but absent from W and C Amazonia. Also in the Bahamas and the West Indies, except Cuba.

**Habitat**  Woodland, second growth, scrub, mangroves, fruit plantations, towns.

**Status**  Very common breeding resident. **Aruba**  Two specimens 1892 (AMNH); 14 specimens 1908 (FMNH); 2 specimens 1930 (RMNH); 13 specimens, 1951 (5), 1952, 1961 (2), 1973 (3), 1974, 1977 (ZMA). **Curacao**  Eighteen specimens 1892 (AMNH); 12 specimens 1908 (FMNH); 2 specimens (RMNH); 4 specimens, 1892 (2), 1895, 1917 (USNM); 26 specimens, 1951 (17), 1952 (3), 1954, 1961 (3), 1964, 1982 (ZMA). **Bonaire**  Three specimens 1892 (AMNH); 18 specimens 1908 (FMNH); 16 specimens, 1929 (2), 1969 (14) (USNM); 20 specimens, 1951 (holotype and 11 paratypes of *C. f. bonairensis*), 1952 (3 paratypes of *C. f. bonairensis*), 1961 (2), 1982 (2), 1985 (ZMA).

**Taxonomy**  Polytypic. Ar, Cu: the endemic *C. f. uropygialis*. Bo: the endemic *C. f. bonairensis*. 
EMBERIZIDAE

■ Rufous-collared Sparrow  *Zonotrichia capensis*
Du: Roodkraaggors Ar, Cu, Bo: Chonchorogai

**Range** Highlands of Middle America, from S Mexico to Panama, and throughout South America, except the Amazonian region; mountains of Hispaniola. Southernmost populations migrate north in southern winter.

**Habitat** Arid scrub, forest edge, gardens, parks, grassland, farmland.

**Status Aruba** Rather common breeding resident. One specimen 1892 (AMNH); 14 specimens 1908 (FMNH); 2 specimens 1930 (RMNH); 3 specimens 1951 (ZMA). **Curacao** Common breeding resident. Three specimens, 1892 (2), *sine die* (AMNH); 21 specimens, 1908 (FMNH); 2 specimens 1930 (RMNH); 2 specimens, 1895 (type of *Z. c. insularis*), 1917 (USNM); 27 specimens, 1951 (20), 1952 (4), 1954 (3) (ZMA). **Bonaire** In 1950s 3 birds were introduced from Curacao (FCL). Last recorded, single bird, Belnem, outside Kralendijk, 19 May 1978 (FCL, B. Lusse).

**Taxonomy** Polytypic. Ar, Cu: the endemic ssp *Z. c. insularis*.

■ White-throated Sparrow  *Zonotrichia albicollis*
Du: Witkeelgors Ar: Chonchorogai garganta blanco Cu, Bo: Chonchorogai garganta blanku

**Range** Boreal Canada E of Rockies and NE USA. Winters in E and S USA and NE Mexico. Excluding a sight record from Puerto Rico, nearest record is more than 2500 km NE in Florida (AOU 1998).

**Habitat** Coniferous and mixed woodland, forest edge, bogs, scrub.

**Status Aruba** Casual visitor. One individual, captured out of a group of six birds by Pablo Hosé, Jan 1964, died later in captivity (HJK). One specimen 1964 (ZMA).

**Taxonomy** Monotypic.

■ Grasshopper Sparrow  *Ammodramus savannarum*
Du: Sprinkhaangors Ar, Cu, Bo: Mofi di sabana

**Range** Southern Canada and USA, except SW, locally in Middle America from S Mexico to Panama and in South America in W Colombia; also Jamaica, Hispaniola and Puerto Rico. Northern populations winter in S USA, the N West Indies, and Middle America south to Costa Rica.

**Habitat** Prairie, weedy fields, savannas grassland, pastures, open scrub, rice plantations.

**Status Aruba** No records. **Curacao** Very scarce breeding resident. Until 1983 known from 6 localities (including Hato, Ronde Klip, Noordkant and Malpais, Vouus 1983). Only recent record from Koraal Tabak (J. and A. Wells 2003). One specimen 1892 (AMNH); 10 specimens, 1952 (8), 1954 (2) (ZMA). **Bonaire** Very scarce breeding resident. Until 1983 recorded from 8 localities (including Amboina and Kralendijk, Vouus 1983). More recent records: Kralendijk, 1 Jun 1985; singing male Kralendijk, 9 Jul 1985; Kralendijk, 10 Mar 1986 (FCL); 1 Nov 1990 (FCL, GJR); 2 birds observed in deep grasslands on south side of Ceru Largu, 13 Dec 2002 (Ligon 2006); at least 4 pairs together with recently fledged young, Ceru Largu, 20 Jan 2004 (JCL, C. Powell, S. Hickson in Ligon 2006). Five specimens 1892 (AMNH); 1 specimen 1908 (FMNH); 2 specimens, 1951, 1977 (ZMA).

**Taxonomy** Polytypic. Cu and Bo: the endemic *A. s. caribaeus*.

■ Saffron Finch  *Sicalis flaveola*
Du: Gewone Saffraangors Ar: Parha hel, Saffraanvink Cu: Saffraanvink Bo: Kanari

**Range** South America, W of Andes, W Ecuador and NW Peru and E of Andes N and E Colombia, N Venezuela, Trinidad, the Guianas and NE Brazil and south of the River Amazon from E Bolivia to C Argentina.

**Habitat** Pastures, second growth scrub, farmland, open woodland, towns.

**Status Aruba** Formerly not uncommon in suburb gardens of Oranjestad, Sep 1979 (AK). Apparently the species is no longer found on the island (SGM). **Curacao** Common breeding resident, almost certainly escaped cage-birds. Since 1970 recorded at Salina and other residential areas near Willemstad; also Malpais, Groot Piscadera, Julianadorp, and rural areas throughout the island. Two specimens, 1991, 1994 (ZMA). **Bonaire** Scarce breeding resident, probably escaped cage-birds. Since 1994 recorded near Divi Flamingo dive shop (K. Thorp); found nesting there on 7 Mar 2002 (Ligon 2006); about 10 birds in Seagrape *Coccoloba uvifera* tree at Kay Hulanda, May 2003 (G. van Hoorn). Numbers apparently increasing and spreading throughout the island, even to Washington-Slagbaai National Park through Rincon (JCL *in litt.*).

**Taxonomy** Polytypic. Ar, Cu, Bo: most likely *S. f. flaveola* from N South America.
Blue-black Grassquit  Volatinia jacarina
Du: Jacarinagors Ar, Cu, Bo: Mòfi bachi blou
Range Middle and tropical South America from Mexico south to NW Chile and C Argentina; also Grenada in the Lesser Antilles. Fairly common along N coast of Venezuela (Hilty 2003).
Habitat Scrub, farmland, pastures, around towns and habitations.
Taxonomy Polytypic. Cu and Bo: ssp unidentified, most likely V. j. splendens from N South America.

Black-faced Grassquit  Tiaris bicolor
Du: Maskergrondvink Ar, Cu, Bo: Moffi, Mòfi
Range Northern South America, NE and C Colombia, N Venezuela, including off-lying islands and throughout the West Indies, but not mainland Cuba and Cayman Islands.
Habitat Open grassy and bushy areas, arid scrub, roadsides, plantations, gardens.
Status Common breeding resident. Aruba Twenty specimens 1908 (FMNH); 2 specimens 1930 (RMNH); 7 specimens, 1951 (6), 1973 (ZMA). Curaçao Nine specimens, 1892 (5, including type of T. b. sharpei), 1896 (4) (AMNH); 23 specimens 1908 (FMNH); 3 specimens, 1930 (2), 1936 (RMNH); 23 specimens, 1951 (16), 1952, 1954 (2), 1955 (2), 1990, 1994 (ZMA). Bonaire Two specimens 1892 (AMNH); 11 specimens 1908 (FMNH); 4 specimens 1930 (RMNH); 1 specimen 1929 (USNM); 9 specimens 1951 (ZMA).
Taxonomy Polytypic. Ar, Cu, Bo: the endemic T. b. sharpei.

Swallow-Tanager  Tersina viridis
Du: Zwaluwtangare Ar: Tanagra swalchi Cu, Bo: Tanagra souchi
Range East Panama and N South America (except Amazonia and NE Brazil) south to NE Peru, NE Bolivia, Paraguay and NE Argentina. Common in N Venezuela, mostly from Feb to late Jul (Hilty 2003).
Habitat Humid forest borders, gallery forest, lighter woodland, second growth and clearings with tall trees.
Status Aruba and Curaçao No records. Bonaire Casual visitor. Immature male, 4.8 km north of Kralendijk at Hilltop Apartments, 25 Feb 2008 (S. Williams, JCL in litt., colour-photo examined).
Taxonomy Polytypic. Ar, Cu, Bo: the endemic T. v. occidentalis from N South America.

Red-legged Honeycreeper  Cyanerpes cyaneus
Du: Blauwe Suikervogel Ar: Barica blou Cu, Bo: Barika blou
Range From C Mexico south through Central America to tropical South America. In the West Indies only on Cuba, where probably introduced (Raffaele et al. 1998). Locally common in Venezuela and some nomadic (Hilty 2003).
Habitat Secondary forest, humid forest edge, open woodland.
Taxonomy Polytypic. Cu, Bo: ssp unidentified, most likely C. c. eximius from N Colombia and N Venezuela.

Summer Tanager  Piranga rubra
Du: Zomertangare Ar: Tanagra ala pretu Cu, Bo: Tanagra ala pretu
Range Southern USA and N Mexico. Winters from C Mexico to N and C South America, south to W Ecuador, N Peru, N Bolivia and Amazonian Brazil, east to the Guianas. Fairly common in Venezuela, predominantly mid Oct through Mar (Hilty 2003).
Habitat Deciduous forest, open and riparian woodland, pine and pine-oak woodland, swamps.
Status Surprisingly few records given status in Venezuela. Aruba No records. Curaçao Casual visitor. One bird, Julianadorp, autumn 1957 (J.G. de Jong, colour-slides examined by KHV); 1 male in red plumage, Seru Bientu
(north-east of Lagun), 5 Apr 1979 (J.E. Winkelman). **Bonaire** Casual visitor. One immature male, Peaceful Canyon, 17 Apr 2003 (T. Ashbaugh, colour-photo examined); 1 female, Dos Pos, 18 Apr 2003 (Ligon 2006).

**Taxonomy** Polytypic. Cu, Bo: ssp unidentified, most likely *P. r. rubra* from SE USA.

#### Scarlet Tanager *Piranga olivacea*

Du: *Zwartvleugeltangare* Ar: *Tanagra córá* Cu, Bo: *Tanagra kórá*

**Range** South-east Canada and E USA. Winters from Panama and NW South America south to N Bolivia. Rare migrant in W Venezuela (Hilty 2003); unrecorded in Trinidad and Tobago (Kenefick et al. 2007).

**Habitat** Deciduous forest, woodland, parks.

**Status** Passage migrant, more often recorded in spring (Apr–May) than in autumn (Oct–Nov). **Aruba** Casual visitor. One bird, Oranjestad 3–10 Apr 1952 (Voous 1957); 1 bird, 11 Oct 1977 (AK).

**Curaçao** Irregular non-breeding visitor in small numbers. Voous (1983) characterizes an unspecified number of observations, including some individuals photographed, as “numerous”. Documented records: male, Julianadorp, 24 Oct 1951 (KHK); male, Willemstad, 14 Apr 1952 (KHK); male, Nieuwpoort, 5 Apr 1963 (P.A. van der Werff); bird found dead, Christoffel National Park, 19 Apr 2002 (M. Del Gomes). Five specimens, 1951, 1952, 1963, 1977, 2002 (ZMA).

**Taxonomy** Monotypic.

#### Western Tanager *Piranga ludoviciana*

Du: *Louisianatangare* Ar: *Tanagra barica hel* Cu, Bo: *Tanagra barika hel*

**Range** South-western Canada and W USA. Winters in Middle America south to Costa Rica. Unrecorded on continental South America, with vagrant records S to Cuba in Caribbean and to Panama in Central America (AOU 1998).

**Habitat** Open coniferous and mixed coniferous-deciduous forest.

**Status** **Aruba** and **Curaçao** No records. **Bonaire** Casual visitor. One male in breeding plumage, Playa Frans, 5 Jul 2001 (Wells & Childs Wells 2002). Far out-of-range and not during migration.

**Taxonomy** Monotypic.

#### Cardinalidae

#### Dickcissel *Spiza americana*

Du: *Dickcissel* Ar: *Arozero* Cu, Bo: *Para di aña dashi gris*

**Range** South C Canada and EC USA, formerly also east of the Appalachians. Winters from W Mexico south through Central America to NW South America, from Colombia to the Guianas and Trinidad.

**Habitat** Grassland, meadows, savannas, farmland, brushy fields.

**Status** Non-breeding autumn visitor in varying numbers in Aruba and Curaçao. Not observed every year, but may be overlooked. **Aruba** One spring record, 24 Apr 1908 (J.F. Ferry). One specimen 1908 (FMNH). **Curaçao** Four specimens, 1954 (2), 1955 (2) (ZMA). **Bonaire** No records.

**Taxonomy** Monotypic.

#### Rose-breasted Grosbeak *Pheucticus ludovicianus*

Du: *Roodborstkardinaal* Ar: *Pico grandi barica ros* Cu, Bo: *Pik grandi barika ros*

**Range** Southern Canada, E of Rockies, and NC and NE USA. Winters from C Mexico south through Central America to N and E Colombia, Venezuela, Ecuador and EC Peru. Uncommon to fairly common in Venezuela from mid-Oct to mid-Apr, predominantly after Dec (Hilty 2003).

**Habitat** Open deciduous forest, woodland, second growth.


**Taxonomy** Monotypic.

■ **Black-headed Grosbeak** *Pheucticus melanocephalus*
Du: Zwartkopkardinaal Ar: Pico grandi kabez preto Cu, Bo: Pik grandi kubes pretu

**Range** South-western Canada, W and C USA, and W Mexico south to the Isthmus of Tehuantepec. Winters in SW USA and Mexico.

**Habitat** Deciduous forest, woodland, pine-oak, thickets, riparian woodland.

**Status Aruba** No records. **Curacao** Casual visitor. One male, Bullebaai, 17 Dec 1978 (J.E. Winkelman). **Bonaire** No records.

**Taxonomy** Polytypic. Cu: ssp unidentified.

■ **Blue Grosbeak** *Passerina caerulea*
Du: Blauwe Bisschop Ar: Pico grandi blou Cu, Bo: Pik grandi blou

**Range** From the USA, except the N, south to C Costa Rica. Winters from Mexico south to C Panama.

**Habitat** Scrub, second growth, riparian thickets, farmland.

**Status Aruba** and **Curacao** No records. **Bonaire** Casual visitor. One female, 14–20 Nov 1983 (J. Bax, FCL, colour-slides examined by KHV).

**Taxonomy** Polytypic. Bo: ssp unidentified.

■ **Indigo Bunting** *Passerina cyanea*
Du: Indigogors Ar: Parha índigo Cu, Bo: Para índigo

**Range** Southern C and E Canada and E and SC USA. Winters in Middle America south to extreme NW South America and in the West Indies.

**Habitat** Edges of deciduous forest, open woodland, second growth, scrub, farmland.

**Status Aruba** Casual visitor. First record, likely immature female, Bubali, 12 Mar 2005 (Mlodinow 2006).

**Curacao** Irregular non-breeding visitor in small numbers, between 7 Nov and 23 Apr, apparently more often recorded in spring (Voous 1983). Observed at Malpais (W. Bokma, E. van Campen) and Santa Cruz (J. Halabi). One specimen 1951 (ZMA). **Bonaire** Irregular non-breeding visitor in small numbers. Seven records: female Kralendijk, 5 Jan 1977 (FCL); 2 adults staying at the same spot from October 1980 at least to 26 Jan 1981 with 1 bird still present on 3 Feb 1981 (FCL); Fontein, 4 Apr 1981 (FCL); male moulting into summer plumage, Kralendijk, 4 Feb 1983 (FCL); Tolo Trail, 1 Oct 1997 (JCL); male in full summer plumage Sabadeco, 15 Apr 2002 (S. Burns); moulting male, Fontein, 28 Oct 2003 (JCL). One specimen 1977 (ZMA).

**Taxonomy** Monotypic.

ESCAPED CAGE-BIRDS

ANATIDAE

■ **Orinoco Goose** *Neochen jubata*
Du: Orinocogans Ar, Cu, Bo: Gans di Orinoko

**Range** N South America.

**Aruba** No records. **Curacao** Two individuals Groot Kwartier and Klein Kwartier, Feb and Oct 2000 (G. van Buurt and M. Joubert). **Bonaire** No records.

PSITTACIDAE

■ **Cockatiel** *Nymphicus hollandicus*
Du: Valkparkiet Ar, Cu, Bo: Prikichi kinikini

**Range** Interior of Australia.

**Aruba** Partly albino near Savaneta on 2 occasions in 1998 (TDK and JHR). **Curacao** and **Bonaire** No records.
Chestnut-fronted Macaw  
*Arca severus*

**Du:** Dwergara Ar, Cu, Bo: Ara enano  
**Range:** Eastern Panama and South America east to the Guianas and south to C Brazil and N Bolivia.  
**Aruba:** At least 3 birds near Savaneta, August 1996 (TDK); 2 birds almost daily flying over golfcourse Tierra del Sol, March 1997 (JHR). **Curaçao:** Two birds, Arcturusweg, 29 Jul 1992; 2 birds, same place, 4 Aug 1992 (LS); 4 birds, early 1996 (BDB); 2 birds, Rigelweg, 25 Apr 1996; 2 birds, Jan Thiel, Apr 1999; 2 birds, Ceritu, 11 Dec 2000; 3 birds, Ceritu, 2 Nov 2001 (LS). **Bonaire:** No records.

Blue-crowned Parakeet  
*Aratinga acuticaudata*

**Du:** Blauwkoparatinga Ar: Prikichi kabez blou, Cu, Bo: Prikichi kabes blou  
**Range:** Disjunct in South America. NE Colombia to NW Venezuela, including Margarita Island; NE Brazil; E Bolivia to N Argentina.  
**Aruba:** No records. **Curaçao:** Flock of at least 10–12 birds, several places east of Schottegat, present for several years already, photographed Dec 2007 when eating fruit from *Ziziphus spina-christi* (G. van Buurt, colour-photo examined). **Bonaire:** No records.

Red-lored Parrot  
*Amazona autumnalis*

**Du:** Geelwangamazone Ar: Lora cara hel Cu, Bo: Lora kara hel  
**Range:** Central America and N South America.  
**Aruba:** No records. **Curaçao:** Occasionally recorded. Nest with 2 eggs at Groot Sint Joris, 31 May 1977 (Voous 1985). **Bonaire:** No records.  
**Taxonomy:** The observed birds were allocated to *A. a. salvini* from N Nicaragua to SW Colombia and NW Venezuela.

Yellow-crowned Parrot  
*Amazona ochrocephala*

**Du:** Geelvoorhoofdamazone Ar: Lora skouder còrá Cu, Bo: Lora skouder kòrá  
**Range:** Mexico to N South America.  
**Aruba:** No records. **Curaçao:** Two birds flying over Willemstad, 18 Oct 1994 (BDB); several birds, 2007 (G. van Buurt). **Bonaire:** No records.

Orange-winged Parrot  
*Amazona amazonica*

**Du:** Oranjevleugelamazone Ar, Cu, Bo: Lora ala oraño  
**Range:** N South America.  
**Aruba:** Three birds, Ceroe Colorado, 24 Nov 1991 (DFM, colour-photo examined); 1 bird, Arashi beach, 20 Nov 2000 (T. Koppejan, colour-photo examined). **Curaçao:** One bird, Malpais, 19 Dec 1992 (BDB); group of 20–30 birds, early 1996 (BDB); several birds, Emmastad, 2007 (G. van Buurt). **Bonaire:** No records.

Hill Myna  
*Gracula religiosa*

**Du:** Grote Beo Ar, Cu, Bo: Beo  
**Range:** South-east Asia, from India east to Lesser Sunda Islands, Indonesia.  
**Aruba:** No records. **Curaçao:** One bird, Dam Muizenberg, May 1997 (DMCP, colour-photo examined). **Bonaire:** No records.

Zebra Finch  
*Taeniopygia guttata*

**Du:** Zebravink Ar: Parha zebra Cu, Bo: Para zebra  
**Range:** Lesser Sunda Islands, Indonesia and interior Australia.  
**Aruba:** Single bird near Savaneta, August 1996 (TDK). **Curaçao** and **Bonaire:** No records.
Plate 64. Eared Dove *Zenaida auriculata*.
(Photo G. van Buurt)

Plate 65. Common Ground Dove *Columbina passerina*.
(Photo S. Mlodinow)

Plate 66. White-tipped Dove *Leptotila verreauxi*.
(Photo G. van Buurt)

Plate 67. Yellow-shouldered Parrot *Amazona barbadensis*.
(Photo G. van Buurt)
Plate 68. Brown-throated Parakeet *Aratinga pertinax arubensis*. (Photo S. Mlodinow)

Plate 69. Brown-throated Parakeet *Aratinga pertinax pertinax*. (Photo G. van Buurt)

Plate 70. Groove-billed Ani *Crotophaga sulcirostris*. (Photo G. van Buurt)

Plate 71. Ruby Topaz *Chrysolampis mosQUITUS*. (Photo L. Pors)
Plate 72. Burrowing Owl *Athene cunicularia*.  
(Photo S. Mlodinow)

Plate 73. Burrowing Owl *Athene cunicularia*.  
(Photo S. Mlodinow)

Plate 74. Blue-tailed Emerald (male) *Chlorostilbon mellisugus*.  
(Photo G. van Buurt)

Plate 75. Blue-tailed Emerald (female) *Chlorostilbon mellisugus*.  
(Photo S. Mlodinow)
Plate 76. Blue-tailed Emerald *Chlorostilbon mellisugus*.  
(Photo G. van Buurt)

Plate 77. Bananquit *Coereba flaveola*.  
(Photo G. van Buurt)

Plate 78. Fork-tailed Flycatcher *Tyrannus savana*.  
(Photo G. van Buurt)

Plate 79. Grey Kingbird *Tyrannus dominicensis*.  
(Photo G. van Buurt)
Plate 80. Tropical Mockingbird *Mimus gilvus.* (Photo G. van Buurt)

Plate 81. Northern Waterthrush *Seiurus noveboracensis.* (Photo S. Mlodinow)

Plate 82. Pearly-eyed Thrasher *Margarops fuscatus.* (Photo G. van Buurt)
Plate 83. Yellow Warbler *Dendroica petechia*.
(Photo S. Mlodinow)

Plate 84. Black-and-white Warbler *Mniotilta varia*.
(Photo S. Mlodinow)

Plate 85. Troupial *Icterus icterus*.
(Photo S. Mlodinow)

Plate 86. Troupial *Icterus icterus*.
(Photo G. van Buurt)
Plate 87. Yellow Oriole *Icterus nigrogularis*.
(Photo G. van Buurt)

Plate 88. Saffron Finch *Sicalis flaveola*.
(Photo G. van Buurt)

Plate 89. Shiny Cowbird *Molothrus bonariensis*.
(Photo G. van Buurt)

Plate 90. Carib Grackle *Quiscalus lugubris*.
(Photo S. Mlodinow)
Plate 91. Rufous-collared Sparrow *Zonotrichia capensis*. (Photo G. van Buurt)

Plate 92. Swallow-Tanager *Tersina viridis*. (Photo S. Williams)

Plate 93. Black-faced Grassquit (male) *Tiaris bicolor*. (Photo S. Mlodinow)

Plate 94. Black-faced Grassquit (female) *Tiaris bicolor*. (Photo G. van Buurt)
ACKNOWLEDGEMENTS

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Many of the photographs illustrating this checklist were kindly and freely provided by G. van Buurt, B. Denneman (Vogelbescherming Nederland), T. Koppejan, S.G. Mlodinow, L. Pors and S. Williams. We are grateful for their help in making this paper more lively and attractive. Some of the figures are based on material provided by D. Wege, BirdLife International.

Our sincere thanks also go to the colleagues at the Zoological Museum Amsterdam: M. Aliabadian, H. van Brandwijk, W. Craandijk, T. Dunselman, A. Rol, C.S. Roselaar, H. Schuurmans, K. Sweers, R. Vonk and A. Walgreen for continuing support and encouragement. R. Altenburg, T. Boersma, G. Gijswijt, E. van Sprosen and H. Veldhuizen van Zanten from ETI Bioinformatics for IT support and much-appreciated help with the preparation of the illustrations. J. de Sonnaville, J.C. van de Staaij and E. Zwart from the library of the Zoological Museum Amsterdam were instrumental in obtaining the relevant journal articles, books, and documents; H. van Brandwijk’s skills in preparing skins and salvaging bird remains allowed us to study important specimens from the islands.


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SAMENVATTING

Deze checklist is een volledig overzicht van de vogels van Aruba
(190 km²), Curaçao (444 km²) en Bonaire (288 km²), inclusief
klein Curaçao (1,3 km²) en Klein Bonaire (6 km²), in het
Caribische gebied. Soortenrijkdom, talrijkeheid en voorkomen
(tot en met 2008) worden vergeleken met wat er eerder gepubli-
ceerd is in de periode 1893 (Hartert 1893, Ibis (6): 5: 289–338)
tot 1983 (Voous 1983, Birds of the Netherlands Antilles, tweede
editie, Walburg Pers, Zutphen). De avifauna van de drie eilanden
is in grote lijnen gelijk (een overeenkomst in soortensamenstel-
ling van 74–78% voor standvogels en 65–73% voor trek-
en zwerfvogels). Het totale aantal op deze eilanden waargenomen
soorten is voor standvogels toegenomen van 115 (1957) tot 168
(2006), voor trek- en zwerfvogels van 117 (1957) tot 236
(2006). De toename was het grootst op Aruba (standvogels van
34 naar 56 soorten, trek- en zwerfvogels van 28 naar 166 soor-
ten) en het minst op Curaçao (standvogels van 42 naar 57, trek-
en zwerfvogels van 55 naar 168 soorten). Oorspronkelijk was
klein Curaçao een belangrijke broedplaats voor zeevogels als
genten, meeuwen en sterns. Toen in de negentiende eeuw
begonnen werd met de winning van mest van de vogels (guano),
verloor het eiland echter al snel zijn betekenis voor de vogels.
Klein Bonaire had aanvankelijk veel te lijden van de aanwezig-
heid van geiten, maar is dankzij de aanwijzing als beschermd
gebied nu weer aan het herstellen.

Ondanks het voorkomen van een groot aantal soorten trek-
en zwerfvogels zijn de eilanden niet van grote betekenis als
pleisterplaats voor deze soorten. Trek- en zwerfvogels arriveren
zowel uitzo het noorden (soorten uit Noord- en Midden-Amerika)
as uit het zuiden (soorten uit Zuid-Amerika). De fenologie van
trek- en zwerfvogels wordt geïllustreerd aan de hand van drie
groepen: Noord-Amerikaanse zangers (Parulidae), roofvo-
gels en de meeuwen en sterns. Van vrijwel alle soorten zijn er
waarnemingen in alle maanden van het jaar, maar er zijn duid-
lijke pieken te herkennen. De trekperiode van Noord-Amerikaan-
se zangers is geconcentreerd in het voorjaar (maart–april) en in
de herfst (oktober–november). De pieken voor roofvogels zijn
meer geprononceerd, met name in de wintermaanden, met zeer
weinig overzomerende vogels. In tegenstelling tot zangers en
roofvogels zijn meeuwen en sterns gedurende het hele jaar waar
ten te nemen, zonder dat er sprake is van duidelijke pieken of dalen.

Twee derde van de standvogels is algemeen of vrij algemeen.
Dit geldt voor alle drie de eilanden. Slechts weinig soorten zijn
algemeen of zeer algemeen op één eiland en schaars of zeer
schaars op andere. Voorbeelden hiervan zijn de Rode Flamingo
Phoenicopterus ruber, die talrijk op Bonaire broedt en een regel-
matige niet-broedende bezoeker (<200 vogels, met versche-
llende broedopgaven) op Curaçao is, maar onregelmatig als
niet-broeder op Aruba wordt gezien. De Gele TrioeialーIcterus
nigrogularis is een algemene broedvogel op Curaçao en tamelijk
algemeen op Bonaire, maar schaars op Aruba.

De eilanden huisvesten zes wereldwijd bedreigde (“threat-
ened”) of bijna bedreigde (“near-threatened”) soorten. De Carib-
ische Koet Fulica caribaea en de Geelveelugelamazone Amazona
barbadensis zijn, wereldwijd gezien, met aanzienlijke populaties
aanwezig. Andere soorten (Dwergplevier Charadrius melodus,
Sparenpievier Contopus cooperi, Azuurzanger Dendroica cerulea
en Geelveelugelzanger Vermivora chrysoptera) gebruiken de eil-
anden alleen als pleisterplaats tijdens de trek of om er te overwinte-
ren. De Geelveelugelamazone wordt voornamelijk op Bonaire aan-
getroffen (400 exemplaren). Op Aruba worden af en toe kleine
aantallen waargenomen, maar het is niet duidelijk of dit zwervers
van het Venezolaanse schiereiland Paraguaná zijn of vrijgelaten
kuivogels. De Caribische Koet is op alle drie eilanden aanwezig.
Het is een talrijker broedvogel dan in de tijd van Voous.

Vanuit het oogpunt van bescherming is het voorkomen van
een aanzienlijke broedpopulatie van de Rode Flamingo op
Bonaire en een kleinere populatie op Curaçao het vermelden
waard. Dit geldt ook voor de broedkolonie van de Amerikaanse
Dwergsterren Sterna antillarum op Klein Bonaire. Aan de hand van
het voorkomen van deze bedreigde en van bescherming afhanke-
lijke soorten kunnen er vijftien belangrijke vogelgebieden
(“Important Bird Areas”) worden vastgesteld: vier op Aruba, vijf
op Curaçao en zes (inclusief Klein Bonaire) op Bonaire.
### Appendix 1

List of species recorded on Aruba, Curaçao and Bonaire; data from Hartert (1893), Cory (1909), Rutten (1931), Voous (1955, 1957, 1983) and the present study.

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<td>Black-headed Grosbeak <em>P. melanocephalus</em></td>
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<td>Blue Grosbeak <em>Passerina caerulea</em></td>
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<td>Indigo Bunting <em>P. cyanea</em></td>
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</tr>
</tbody>
</table>

* Progne chalybea has been listed by Voous (1957, 1965) but identification erroneous and reidentified as Progne dominicensis by Voous (1983)
INDEX OF ENGLISH NAMES
(page numbers refer to the Systematic List, bold page numbers refer to photographs)

A
Ani, Greater 205
Groove-billed 205, 246
Avocet, American 177

B
Bananaquit 239, 248
Bittern, Least 167
Pinnated 167
Blackbird, Red-breasted 239
Yellow-hooded 237
Bobolink 239
Bobwhite, Crested 159
Masked 171
Red-footed 171
Bufflehead 162
Bunting, Indigo 243

C
Caracara, Crested 173, 215, 216
Yellow-headed 173
Cockatiel 243
Coot, American 176
Caribbean 176, 217
Cormorant, Double-crested 172
Neotropical 172
Cowbird, Shiny 238, 239, 251
Crow, House 223
Cuckoo, Grey-capped 205
Guira 206
Mangrove 205
Yellow-billed 205

D
Dickcissel 242
Dove, Common Ground 203, 245
Eared 203, 245
Rock 202
Ruddy Ground 203
White-tipped 203, 245
Dowitcher, Long-billed 189
Short-billed 189, 190, 219
Duck, Black-bellied Whistling 159, 187
Comb 160
Fulvous Whistling 159
Masked 162
Ring-necked 162
White-faced Whistling 159
Dunlin 193

E
Egret, Cattle 168
Great 168
Little 170
Reddish 169, 213

F
Elaenia, Caribbean 210
Lesser 211
Small-billed 211
Emerald, Blue-tailed 209, 247, 248

G
Gallinule, Purple 175, 217
Godwit, Hudsonian 189
Goose, Greater White-fronted 159
Orinoco 243
Grackle, Carib 238, 239, 251
Greater Antillean 238
Great-tailed 238
Grassquit, Black-faced 241, 252

H
Harrier, Hen 174
Northern 174
Hawk, White-tailed 175, 216
Hermit, Rufous-breasted 208
Heron, Black-crowned Night 167
Boat-billed 166
Great Blue 168
Green 167
Little Blue 169
Louisiana 169, 214

I
Ibis, Glossy 166
Scarlet 165, 188
White 165
White-faced 166

J
Jacana, Wattled 180
Jacobin, White-necked 209
Jaeger, Long-tailed 202
Parasitic 202

K
Kestrel, American 173, 216
Killdeer 179
Kingbird, Eastern 221
Grey 221, 248
Tropical 212
Kingfisher, Amazon 209
Belted 210
Ringed 210
Kite, Swallow-tailed 174
White-tailed 174
Knot, Red 192

L
Lapwing, Southern 178
Limpkin 176

M
Macaw, Chestnut-fronted 244
Mallard 160
Martin, Brown-chested 225
Caribbean 224
Collared Sand 223
Cuban 224
Purple 224
Meadowlark, Eastern 239
Merlin 173
Mockingbird, Tropical 226, 249
Moorhen, Common 175
Myna, Hill 244

N
Nightjar, Antillean 207
Lesser 207
Nightjar, White-tailed 208
Noddy, Black 200
Brown 200

O
Oilbird 207
Oriole, Baltimore 237
Orchard 237
Yellow 237, 251
Oriole-Blackbird 237
Osprey 174
Ovenbird 234
Owl, Barn 206
Burrowing 206, 247
Oystercatcher, American 177

Parakeet, Blue-crowned 244
Brown-throated 204, 246
Rose-ringed 203
Parrot, Orange-winged 244
Red-lored 244
Yellow-crowned 244

Parrotlet, Green-rumped 204
Parula, Northern 229
Pellet, Black-capped 163
Bulwer’s 163
Leach’s Storm 164
Wilson’s Storm 164
Pewee, Eastern Wood 211, 212
Phalarope, Grey 194
Red 194
Red-necked 194
Wilson’s 194
Pigeon, Bare-eyed 202, 220
Scaly-naped 202, 220
Pintail, Northern 161
White-cheeked 161, 188
Plover, American Golden 178, 217
Black-bellied 178
Collared 180
Grey 178
Kentish 180
Piping 179
Semipalmated 178, 217
Wilson’s 179

Rail, Sora 175, 216
Redstart, American 233

Sanderling 192
Sandpiper, Baird’s 193
Buff-breasted 194
Least 192
Pectoral 193, 218
Semipalmated 192
Solitary 191
Spotted 191
Upland 190

Western 192
White-rumped 193
Sapsucker, Yellow-bellied 210
Scaup, Lesser 162
Shearwater, Audubon’s 163
Great 163
Shoveler, Northern 161
Skimmer, Black 201
Skua, Arctic 202
Great 201
Pomarine 201

Sparrow, Grasshopper 240
House 228
Rufous-collared 240, 252
White-throated 240

Spoonbill, Roseate 166
Starling, European 226
Stilt, Black-winged 177, 190
Stilt-Sandpiper 194, 218
Stork, Wood 165
Swallow, Bank 223
Barn 225
Cave 226
Chilean 224
Cliff 225
Southern Rough-winged 225
White-winged 223
Swallow-Tanager 241, 252
Swift, Black 208
Chimney 208

Tanager, Scarlet 242
Summer 241
Western 242
Teal, Blue-winged 160, 161, 187
Cinnamon 161
Common 162

Tern, Black 200
Bridled 199
Caspian 197
Common 198
Gull-billed 197
Large-billed 200
Least 199, 220
Roseate 198
Royal 195, 198, 220
Sandwich 197, 219
Sooty 199

Thick-knee, Double-striped 177
Thrasher, Brown 226
Pearly-eyed 226, 249
Thrush, Grey-cheeked 227

Swainson’s 227
Wood 227
Topaz, Ruby 209, 246
Tropicbird, Red-billed 170
White-tailed 170
Troupial 236, 250
Turnstone, Ruddy 191
Tyrant, Cattle 212
Veery 227
Vireo, Black-whiskered 222
Philadelphia 222
Red-eyed 222
Yellow-throated 222
Vulture, Black 172

Warbler, Bay-breasted 231
Black-and-white 233, 250
Blackburnian 231
Blackpoll 230
Black-throated Blue 232
Black-throated Green 232
Blue-winged 229
Canada 236
Cape May 232
Cerulean 231
Chestnut-sided 230
Connecticut 235
Golden-winged 229
Hooded 236
Kentucky 235
Magnolia 231
Mourning 235
Palm 233
Prairie 233
Prothonotary 233
Tennessee 229
Worm-eating 234
Yellow 230, 250
Yellow-rumped 232

Waterthrush, Louisiana 234
Northern 234, 249
Waxwing, Cedar 223
Weaver, Baya 228
Village 228
Wheatear, Northern 228
Whimbrel 190
Widow, Chuck-Will’s 207
Wigeon, American 160
Willet 191

Yellowlegs, Greater 190
Lesser 190, 218
Yellowthroat, Common 235
INDEX OF SCIENTIFIC NAMES
(page numbers refer to the Systematic List, bold page numbers refer to photographs)

<table>
<thead>
<tr>
<th>A</th>
<th>Actitis 191</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>acuta, Anas 161</td>
</tr>
<tr>
<td></td>
<td>acuticaudata, Aratinga 244</td>
</tr>
<tr>
<td></td>
<td>acutipennis, Chordelles 207</td>
</tr>
<tr>
<td></td>
<td>aethereus, Phaethon 170</td>
</tr>
<tr>
<td></td>
<td>affinis, Athyta 162</td>
</tr>
<tr>
<td></td>
<td>Algeatus 237</td>
</tr>
<tr>
<td></td>
<td>agilis, Oporornis 235</td>
</tr>
<tr>
<td></td>
<td>Ajaia 166</td>
</tr>
<tr>
<td></td>
<td>ajaja, Ajaia 166</td>
</tr>
<tr>
<td></td>
<td>ajaja, Plataea 166</td>
</tr>
<tr>
<td></td>
<td>alba, Ardea 168</td>
</tr>
<tr>
<td></td>
<td>alba, Calidris 192</td>
</tr>
<tr>
<td></td>
<td>alba, Egretta 169</td>
</tr>
<tr>
<td></td>
<td>alba, Tyto 206</td>
</tr>
<tr>
<td></td>
<td>alboea, Bucephala 162</td>
</tr>
<tr>
<td></td>
<td>albicaudatus, Buteo 175, 216</td>
</tr>
<tr>
<td></td>
<td>albicolis, Zonotrichia 240</td>
</tr>
<tr>
<td></td>
<td>alibfrons, Anser 159</td>
</tr>
<tr>
<td></td>
<td>alibfrons, Sterna 199</td>
</tr>
<tr>
<td></td>
<td>albiventer, Tachycineta 223</td>
</tr>
<tr>
<td></td>
<td>albus, Eudocimus 165</td>
</tr>
<tr>
<td></td>
<td>alcyon, Ceryle 210</td>
</tr>
<tr>
<td></td>
<td>alcyon, Megaceryle 210</td>
</tr>
<tr>
<td></td>
<td>alexandrinus, Charadrius 180</td>
</tr>
<tr>
<td></td>
<td>alpina, Calidris 193</td>
</tr>
<tr>
<td></td>
<td>altiloquus, Vireo 222</td>
</tr>
<tr>
<td></td>
<td>Amazona 204, 244, 245</td>
</tr>
<tr>
<td></td>
<td>amazona, Chloroceryle 209</td>
</tr>
<tr>
<td></td>
<td>amazonica, Amazona 244</td>
</tr>
<tr>
<td></td>
<td>americana, Anas 160</td>
</tr>
<tr>
<td></td>
<td>americana, Fulica 176</td>
</tr>
<tr>
<td></td>
<td>americana, Mysteria 165</td>
</tr>
<tr>
<td></td>
<td>americana, Parula 229</td>
</tr>
<tr>
<td></td>
<td>americana, Recurvirostra 177</td>
</tr>
<tr>
<td></td>
<td>americana, Spiza 242</td>
</tr>
<tr>
<td></td>
<td>americanus, Coccyzus 205</td>
</tr>
<tr>
<td></td>
<td>Anmodramus 240</td>
</tr>
<tr>
<td></td>
<td>anaethetus, Sterna 199</td>
</tr>
<tr>
<td></td>
<td>Anous 160–162, 187, 188</td>
</tr>
<tr>
<td></td>
<td>Anser 200, 201</td>
</tr>
<tr>
<td></td>
<td>Anser 159</td>
</tr>
<tr>
<td></td>
<td>antillarum, Sterna 199, 220</td>
</tr>
<tr>
<td></td>
<td>Ara 244</td>
</tr>
<tr>
<td></td>
<td>Aramus 176</td>
</tr>
<tr>
<td></td>
<td>Aratinga 204, 244, 246</td>
</tr>
<tr>
<td></td>
<td>Ardea 168</td>
</tr>
<tr>
<td></td>
<td>Arenaria 191</td>
</tr>
<tr>
<td></td>
<td>arenarum, Sublegatus 211</td>
</tr>
<tr>
<td></td>
<td>argentatus, Larus 195</td>
</tr>
<tr>
<td></td>
<td>Athene 206, 247</td>
</tr>
<tr>
<td></td>
<td>atratus, Coragyps 172</td>
</tr>
<tr>
<td></td>
<td>atricilla, Larus 196, 218</td>
</tr>
<tr>
<td></td>
<td>auricula, Zonidea 203, 245</td>
</tr>
<tr>
<td></td>
<td>auritus, Phalarocorax 172</td>
</tr>
<tr>
<td></td>
<td>auropetalla, Seirus 234</td>
</tr>
<tr>
<td></td>
<td>autumnalis, Amazona 244</td>
</tr>
<tr>
<td></td>
<td>autumnalis, Dendrocygna 159, 187</td>
</tr>
<tr>
<td></td>
<td>Aythya 162</td>
</tr>
<tr>
<td></td>
<td>B bahamensis, Anas 161, 188</td>
</tr>
<tr>
<td></td>
<td>bairdii, Calidris 193</td>
</tr>
<tr>
<td></td>
<td>barbadensis, Amazona 204, 245</td>
</tr>
<tr>
<td></td>
<td>Bartramia 190</td>
</tr>
<tr>
<td></td>
<td>Belonopterus 178</td>
</tr>
<tr>
<td></td>
<td>bicolor, Dendrocygna 159</td>
</tr>
<tr>
<td></td>
<td>bicolor, Tiaris 241, 252</td>
</tr>
<tr>
<td></td>
<td>bistriatus, Burhinus 177</td>
</tr>
<tr>
<td></td>
<td>Bombycilla 223</td>
</tr>
<tr>
<td></td>
<td>bonariensis, Molothrus 238, 251</td>
</tr>
<tr>
<td></td>
<td>borealis, Contopus 211</td>
</tr>
<tr>
<td></td>
<td>borealis, Nuttalornis 211</td>
</tr>
<tr>
<td></td>
<td>Botaurus 167</td>
</tr>
<tr>
<td></td>
<td>brasilianus, Phalarocorax 172</td>
</tr>
<tr>
<td></td>
<td>Bubulcus 168</td>
</tr>
<tr>
<td></td>
<td>Bucephala 162</td>
</tr>
<tr>
<td></td>
<td>Bulveria 163</td>
</tr>
<tr>
<td></td>
<td>bulverii, Bulveria 163</td>
</tr>
<tr>
<td></td>
<td>Burhinus 177</td>
</tr>
<tr>
<td></td>
<td>Buteo 175, 216</td>
</tr>
<tr>
<td></td>
<td>Butores 167, 168, 213</td>
</tr>
<tr>
<td>C</td>
<td>caerulea, Egretta 169</td>
</tr>
<tr>
<td></td>
<td>caerulea, Passerina 243</td>
</tr>
<tr>
<td></td>
<td>caerulescens, Dendroica 232</td>
</tr>
<tr>
<td></td>
<td>Calidris 192–194, 218</td>
</tr>
<tr>
<td></td>
<td>canadensis, Wilsonia 236</td>
</tr>
<tr>
<td></td>
<td>canutus, Calidris 192</td>
</tr>
<tr>
<td></td>
<td>capensis, Zonotrichia 240, 252</td>
</tr>
<tr>
<td></td>
<td>Caprimulgus 207, 208</td>
</tr>
<tr>
<td></td>
<td>Caracara 173, 215, 216</td>
</tr>
<tr>
<td></td>
<td>caribaeae, Fulica 176, 217</td>
</tr>
<tr>
<td></td>
<td>caripensis, Steatornis 207</td>
</tr>
<tr>
<td></td>
<td>carolina, Porzana 175, 216</td>
</tr>
<tr>
<td></td>
<td>carolinensis, Caprimulgus 207</td>
</tr>
<tr>
<td></td>
<td>caspia, Sterna 197</td>
</tr>
<tr>
<td></td>
<td>castanea, Dendroica 231</td>
</tr>
<tr>
<td></td>
<td>Catharus 227</td>
</tr>
<tr>
<td></td>
<td>Catoptrophorus 191</td>
</tr>
<tr>
<td></td>
<td>cayennensis, Caprimulgus 208</td>
</tr>
<tr>
<td></td>
<td>cedrorum, Bombycilla 223</td>
</tr>
<tr>
<td></td>
<td>cerulea, Dendroica 231</td>
</tr>
<tr>
<td></td>
<td>Ceryle 210</td>
</tr>
<tr>
<td></td>
<td>Chaetura 208</td>
</tr>
<tr>
<td></td>
<td>Charadrius 178–180, 217</td>
</tr>
<tr>
<td></td>
<td>cheriway, Caracara 173, 215, 216</td>
</tr>
<tr>
<td></td>
<td>chihu, Plegadis 166</td>
</tr>
<tr>
<td></td>
<td>chilensis, Belonopterus 178</td>
</tr>
<tr>
<td></td>
<td>chilensis, Vanellus 178</td>
</tr>
<tr>
<td></td>
<td>chimachima, Milvago 173</td>
</tr>
<tr>
<td></td>
<td>chiriquensis, Eleaenia 211</td>
</tr>
<tr>
<td></td>
<td>Childonias 200</td>
</tr>
<tr>
<td></td>
<td>Chloroceryle 209</td>
</tr>
<tr>
<td></td>
<td>chloropus, Gallinula 175</td>
</tr>
<tr>
<td></td>
<td>Chlorostilbon 209, 247, 248</td>
</tr>
<tr>
<td></td>
<td>Chordelles 207</td>
</tr>
<tr>
<td></td>
<td>Chrysolampis 209, 246</td>
</tr>
<tr>
<td></td>
<td>Chrysomus 237</td>
</tr>
<tr>
<td></td>
<td>chrysoterpa, Vermivora 229</td>
</tr>
<tr>
<td></td>
<td>Circus 174</td>
</tr>
<tr>
<td></td>
<td>citrea, Protonotaria 233</td>
</tr>
<tr>
<td></td>
<td>citrina, Wilsonia 236</td>
</tr>
<tr>
<td></td>
<td>clypeata, Anas 161</td>
</tr>
<tr>
<td></td>
<td>Coccyzus 205</td>
</tr>
<tr>
<td></td>
<td>Cochlearius 166</td>
</tr>
<tr>
<td></td>
<td>cocklearius, Cochlearius 166</td>
</tr>
<tr>
<td></td>
<td>Coereba 239, 248</td>
</tr>
<tr>
<td></td>
<td>Colinus 159</td>
</tr>
<tr>
<td></td>
<td>collaris, Athyta 162</td>
</tr>
<tr>
<td></td>
<td>collaris, Charadrius 180</td>
</tr>
<tr>
<td></td>
<td>Columba 202, 220</td>
</tr>
<tr>
<td></td>
<td>columbarius, Falco 173</td>
</tr>
<tr>
<td></td>
<td>Columbiggerina 203</td>
</tr>
<tr>
<td></td>
<td>Columbina 203, 245</td>
</tr>
<tr>
<td></td>
<td>Contopus 211</td>
</tr>
<tr>
<td></td>
<td>cooperi Contopus 211</td>
</tr>
<tr>
<td></td>
<td>Coragyps 172</td>
</tr>
<tr>
<td></td>
<td>corensis, Columba 202, 220</td>
</tr>
<tr>
<td></td>
<td>coronata, Dendroica 232</td>
</tr>
<tr>
<td></td>
<td>Corvus 223</td>
</tr>
<tr>
<td></td>
<td>crecca, Anas 162</td>
</tr>
<tr>
<td></td>
<td>cristatus, Colinus 159</td>
</tr>
<tr>
<td></td>
<td>Crotrophaga 205, 246</td>
</tr>
<tr>
<td></td>
<td>cryptoleuca, Progne 224</td>
</tr>
<tr>
<td></td>
<td>cucullatus, Ploceus 228</td>
</tr>
<tr>
<td></td>
<td>cunicularia, Athene 206, 247</td>
</tr>
<tr>
<td></td>
<td>cyanea, Passerina 243</td>
</tr>
<tr>
<td></td>
<td>Cyanerpes 241</td>
</tr>
<tr>
<td></td>
<td>cyanus, Circus 174</td>
</tr>
<tr>
<td></td>
<td>cyanus, Cyanerpes 241</td>
</tr>
<tr>
<td></td>
<td>cyanoptera, Anas 161</td>
</tr>
<tr>
<td></td>
<td>Cypseloides 208</td>
</tr>
<tr>
<td></td>
<td>D dactylatra, Sula 171</td>
</tr>
<tr>
<td></td>
<td>delawarensis, Larus 195</td>
</tr>
</tbody>
</table>
Dendrocyna 159, 187
Dendroica 230–233, 250
dicolor, Dendroica 233
discors, Anas 160, 187
Dolichonyx 239
domesticus, Passer 228
dominica, Oxyura 163
dominica, Pluvialis 178, 217
dominicensis, Progne 224
dominicensis, Tyrannus 221, 248
dominicus, Nomonex 162
dominicus, Tachybaptus 164, 188
dougallii, Sterna 198
E
Egretta 169, 170, 213, 214
Elaneta 210, 211
Elanoïdes 174
Elanus 174
Eudocimus 165, 188
exilis, Ixobrychus 167
F
falcinellus, Plegadis 166
Falco 173, 174, 216
flaveola, Coereba 239, 248
flaveola, Sicalis 240, 251
flavifrons, Vireo 222
flavipes, Tringa 218
flavifrons, Vireo 222
flaveola, Coereba 190
Florisuga 190
fusca, Dendroica 226
fulva, Petrochelidon 226
fuscus, Larus 218
fuscicollis, Calidris 233
fuscata, Sterna 198
fuscus, Margarops 226
fuscus, Margarops 226, 249
fuscescens, Catharus 227
fuscicolis, Calidris 193
fuscus, Larus 195
G
galbula, Icterus 237
gallinago, Gallinago 189
gallinago, Gallinago 189
gallinula 175
garzetta, Egretta 170
Gelochelidon 197
Geothlypis 235
gilvus, Mimus 226, 249
Glaucis 208
Gracili 244
Gravis, Puffinus 163
griseus, Limnodromus 189, 219
guarauna, Aramus 176
Guira 206
guira, Guira 206
grundlachii, Chordeiles 207
guttata, Taeiopygia 244
Gymnomystax 237
H
haemastica, Limosa 189
Haematopus 177
haliaetus, Pandion 174
hasitata, Pterodroma 163
Helmitheros 234
herodias, Ardea 168
Himantopus 177
himantopus, Calidris 194, 218
himantopus, Himantopus 177
himantopus, Micropalama 194
hirsutus, Glaucis 208
Hirundo 225, 226
hirundo, Sterna 198
hollandicus, Nymphechus 243
Hylocichla 227
I
ibis, Bubulcus 168
icterocephalus, Agelaius 237
icterocephalus, Chrysomus 237
Icterus 236–238, 250, 251
icterus, Icterus 236, 237, 250
interpres, Arenaria 191
Ixobrychus 167
J
Jacana 180
jacana, Jacana 180
jacarina, Volatina 241
jubata, Neochen 243
K
krameri, Psittacula 203
L
lansbergi, Coccozyzus 205
Larus 195, 196, 218
Leptotila 203, 245
lepturus, Phaeon 170
leucogaster, Sula 172
leucopyga, Tachycineta 224
leucora, Oceanodroma 164
leucurus, Elanus 174
therminieri, Puffinus 163
Limnodromus 189, 219
Limos 189
livia, Columba 202
lobatus, Phalaropus 194
longicauda, Bartramia 190
longicaudus, Stercorarius 202
ludoviciana, Piranga 242
ludovicianus, Pheucticus 242
lugubris, Quiscalus 238, 251
M
Macchetonis 212
macularius, Actitis 191
maculatus, Myiodynastes 212
magnna, Sturnella 239
magnificus, Fregata 170, 214
magnolia, Dendroica 231
major, Crotophaga 205
Margarops 226, 249
marinus, Larus 195
martinica, Elaenia 210
martinica, Porphyryla 175, 217
martinica, Porphyryla 175
mauri, Calidris 192
maxima, Sterna 198, 220
Megaceryle 210
melanochilus, Tyrannus 212
melanocephalus, Pheucticus 243
melanoleuca, Tringa 190
melanotos, Calidris 193, 218
melanotos, Sarkidiornis 160
mellisuga, Chlorostilbon 209, 247, 248
mellivora, Florisuga 209
melodus, Charadrius 179
mexicanus, Gymnomystax 237
mexicanus, Quiscalus 238
meyeni, Tachycineta 224
Micropalama 194
militaris, Sturnella 239
Milvago 173
Mimus 226, 249
minimus, Catharus 227
minor, Chordeiles 207
minor, Coccozyzus 205
minor, Fregata 171
minutilla, Calidris 194
minutus, Anous 200
Mniotilta 233, 250
modestus, Sublegatus 211
Molothrus 238, 251
mosquitus, Chrysolampis 246
motacilla, Seiurus 248
Muschlera 221
mustelina, Hylocichla 221
Myiarchus 221
Myiodynastes 212
N
Neochen 243
niger, Childonias 200
niger, Cypseloides 208
tyrannus, Muscivora 221
tyrannulus, Myiarchus 221
Tyrannus 212, 221, 248
tyrannus, Tyrannus 221
Tyto 206
U
ustulatus, Catharus 227
V
Vanellus 178
varia, Mniotilta 233, 250
varius, Sphyrapicus 210
Vermivora 229
vermivorum, Helmitheros 234
verreauxi, Leptotila 203, 245
viduata, Dendrocygna 159
violacea, Nyctanassa 167
virens, Contopus 211
virens, Dendroica 232
Vireo 222
virescens, Butorides 167
viridis, Tersina 241, 252
vociferus, Charadrius 179
Volatinia 241
vulgaris, Sturnus 226
W
Wilsonia 236
wilsonia, Charadrius 179
Z
Zenaida 203, 245
Zonotrichia 240, 252
ARDEA
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Checklist of the birds of
Aruba, Curaçao and Bonaire
South Caribbean

This volume surveys and documents all 240 species of birds ever recorded as breeding, wintering, migrating, or casually visiting the islands of Aruba, Curaçao and Bonaire in the southern Caribbean Sea. It brings the avifaunistic information up-to-date, detailing the occurrence of all species. For the rarer species, all records are specified from the earliest up to 2008.

These small, arid islands harbour a remarkable diversity of bird life, with affinities to the South American mainland, but remarkably also to the Caribbean avifauna.

Since the first bird guide of the islands, written by Professor K.H. Voorus, appeared in 1955, our knowledge of the birds and the conservation of the natural environment have grown rapidly. No less than 15 Important Bird Areas have been recognized by BirdLife International. These areas are all briefly described in this volume and show abundantly the avifaunistic qualities of these small island worlds.

The publication is enriched by photographs of about 60 characteristic species and a number of pictures of scenery that typify the arid environments of these coral reef islands.

ISSN 0373-2266

The cover picture features Mount Christoffel on Curaçao taken from Sero di Warowa (photo by G. van Bruin)