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January 2018 Waterbird Count Results in the Rift Valley, Nairobi, Central, Coast, Amboseli and Yala Swamp

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CENTRE FOR BIODIVERSITY
RESEARCH REPORTS:
ORNITHOLOGY

NO. 83, MARCH 2018

Supported by:

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Summary

Waterbird counts were carried out in 48 sites across Kenya during the months of January and February 2018. A total of 294,950 individuals of 126 waterbird species were recorded. Lake Bogoria had the highest number with 165,852 individuals of 34 waterbird species followed by Lake Nakuru with 23,144 individuals of 73 species and Tana River Delta with 16,143 individuals of 69 species. The highest number of waterbird species was recorded at Lake Nakuru with 73 species, followed by Lake Ol'Bolossat with 72 species and Lake Naivasha with 71 species. The most abundant species was Lesser Flamingo *Phoeniconaias minor* with 163,164 individuals followed by Greater Flamingo *Phoenicopterus ruber* with 14,155 and Little Stint *Calidris minuta* with 11,401.

Overview

This is the twenty-ninth year (1990 to 2018) of coordinated waterbird counts running under the waterbird monitoring program in Kenya. These counts are coordinated by the National Museums of Kenya in collaboration with the Kenya Wildlife Service and Nature Kenya (EANHS). Like last year, water levels remained high in many sites especially in the Rift Valley lakes. The counts covered seventeen wetland sites in Nairobi and adjacent areas, seven sites in Central Kenya, nine sites in the Rift Valley (including the five major lakes: Nakuru, Naivasha, Elmenteita, Bogoria and Magadi); ten wetland areas along the Kenya coast, three sites in Yala Swamp, and three sites in the Amboseli area. A total of 350 volunteers participated in these January and February counts this year. It is encouraging to note that new volunteers increased by over 50% compared to last year. The greater number of the volunteers represented the youth. Some of the older experienced volunteers, who had missed the counts for a number of years, also got a chance to come back. The training element was well articulated in the program allowing the new volunteers to blend with the experienced and expert counters. Also encouraging is that this year we managed to count Lake Ol'Bolossat, which was missed last year. This year some data was received from the Amboseli area and five dams in the Kinangop area as well, again these areas were missed last year. This report summarises the results of the waterbird counts carried out in January and February 2018.

The waterbird counts covered a total of 48 sites across the country recording a total of 296,950 individual waterbirds of 126 species. The Rift Valley sites recorded the highest number with 225,659 individual waterbirds, followed by sites along the Kenya coast with 34,027 and Central Kenya with 16,121 individual waterbirds (Table 1). The most abundant species across all the sites was Lesser Flamingo *Phoeniconaias minor* with 163,164 individuals followed by Greater Flamingo *Phoenicopterus ruber* with 14,155 and Little Stint *Calidris minuta* with 11,401. Lake Bogoria had the highest number of Lesser Flamingo with 96.9% (158,057). Lake Nakuru had the highest number of Greater Flamingo with 36.4% (5,150) and Little Stint with 27.5% (3,137).). More details of the counts are summarized in the text below and in Tables 2 to Table 8.

Table 1. Summarised results of the January 2018 Waterbird Counts in Kenya.

Site	Date	No. Birds	No. Species
1. Nairobi and adjacent area			
Dandora Sewerage Treatment Works	24-Jan-18	9,955	46
Gigiri Wetland	10-Jan-18	2	2
Hillcrest School Dam	17-Jan-18	62	17
Kenyatta University Sewerage Works	31-Jan-18	530	34
Limuru Sewerage Works	3-Jan-18	49	9
Manguo Floodplain	3-Jan-18	211	26
Nairobi National Park	17-Jan-18	415	42
Northlands (include Sukari Dam)	31-Jan-18	726	39
Paradise Lost	10-Jan-18	76	14
Thika Sewerage Works	21-Jan-18	2,375	45
TOTAL Nairobi		**14,401**	**73**
2. Central Kenya			
Kinangop Dams	9-11-Jan-2018	1,468	36
Lake Ol'Bolossat	21-Jan-18	14,423	72
Nyahururu Sewerage Works	21-Jan-18	230	16
TOTAL Central		**16,121**	**72**
3. Rift Valley			
Lake Bogoria	6-Jan-18	165,852	34
Lake Elmenteita	13-Jan-18	12,580	52
Lake Magadi	28-Jan-18	9,347	36
Lake Naivasha	14-Jan-18	11,551	71
Lake Nakuru	7-Jan-18	23,144	73
Lake Oloidien	14-Jan-18	2,262	43
Lake Sonachi	14-Jan-18	93	14
Nakuru Sewerage Works	7-Jan-18	292	25
Njoro Sewerage Works	7-Jan-18	538	28
TOTAL Rift Valley		**225,659**	**89**
4. Kenya Coast			
Kensalt Saltworks	24-Jan-18	4261	31
Krystalline Saltworks Ltd	27-Jan-18	2104	24
Lake Jilore	20-Jan-18	575	28
Lake Mikimba	27-Jan-18	1,201	34
Malindi Harbour	20-Jan-18	609	24
Mida Creek	25-Jan-18	5,278	23
Sabaki River Mouth	24-Jan-18	3,856	42
Tana River Delta	6-7-Jan-2018	16,143	69
TOTAL Kenya Coast		**34,027**	**92**
5. Amboseli National Park	**1-4-Jan-2018**	**3,247**	**56**
6. Yala Swamp	**12-15-Jan-2018**	**1,495**	**46**
TOTAL Overall		**294,950**	**126**

In Nairobi and adjacent areas, the sites covered by the counts include ponds and dams in Nairobi National Park, Dandora Sewerage Treatment Works, Gigiri Wetland, Hillcrest School Dam, Kenyatta University Sewerage Works, Limuru Sewerage Works, Manguo Floodplain, Northlands including Sukari Dam, Paradise Lost and Thika Sewerage Works. A combined total of 14,401 individual waterbirds of 73 species were recorded. Dandora Sewerage Works had the highest number of waterbirds with 9,955 individuals of 46 waterbird species, followed by Thika Sewerage Works with 2,375 individuals of 45 species and Kenyatta University Sewerage Works with 530 individuals of 34 species. The most abundant waterbird species in Nairobi and adjacent areas was Black-winged Stilt *Himantopus himantopus* with 1,654, followed by Red-knobbed Coot *Fulica cristata* with 1,618 individuals and Little Stint with 1,596. Dandora Sewerage Treatment Works had the highest number of all these dominant species with 96.4% (1,560) of Red-knobbed Coot, 63.1% (1,044) of Black-winged Stilt and 50% (809) of Little Stint.

In Central Kenya, the counts covered Lake Ol' Bolossat, Nyahururu Sewerage Works and five dams in Kinangop. A total of 16,121 individuals of 72 waterbird species were recorded. Lake Ol'Bolossat had 14,423 individuals of 72 species followed by Kinangop Dams with 1,468 individuals of 36 species and Nyahururu Sewerage with 230 individuals of 16 species. The most abundant species was Red-knobbed Coot with 6,232 individuals followed by Glossy Ibis *Plegadis falcinellus* with 1,317 individuals and Cattle Egret *Bubulcus ibis* with 1,119 individuals. All these species were recorded in highest numbers at Lake Ol'Bolossat with Red-knobbed Coot at 92.9% (5,788), Glossy Ibis 98.9% (1,303) and Cattle Egret 92.2% (1,032).

In the Rift Valley, the waterbird counts covered Lakes Bogoria, Elmenteita, Magadi, Naivasha, Nakuru, Oloidien, Sonachi (Crater Lake), Nakuru Sewerage Works and Njoro Sewerage Works. A total of 225,659 individual waterbirds of 89 species were recorded. Lake Bogoria had the highest number of waterbirds with 165,852 individuals of 34 species, followed by Lake Nakuru with 23,144 individuals of 73 species and Lake Naivasha with 11,551 individuals of 71 species. The most abundant species in the Rift Valley sites combined was Lesser Flamingo with 162,101 individuals followed by Greater Flamingo with 10,971 and Little Stint with 7,162.

At the Kenya coast, the counts covered Kensalt Saltworks, Krystalline Saltworks, Lake Jilore, Lake Mikimba, Malindi Harbour, Mida Creek, Sabaki River Mouth and Tana River Delta. The Tana River Delta had the highest number of waterbirds with 16,143 individuals of 69 species, followed by Mida Creek with 5,278 individuals of 23 species and Kensalt Saltworks with 4,261 individuals of 31 species. The most abundant species across the coastal sites was Spur-winged Plover *Vanellus spinosus* with 4,372 individuals, followed by Greater Flamingo with 2,934 individuals and Little Stint with 2,558 individuals. The Tana River Delta had the highest numbers of Spur-winged Plover with 99.9% (4,366). Krystalline Saltworks had the highest numbers of Greater Flamingos with 54.6% (1,602) and Kensalt Saltworks had the highest numbers of Little Stint with 40.0% (1,022).

The sites covered in Yala Swamp, situated in the Lake Victoria Region, include Kombo Dyke, Lake Bob and sections of the Bunyala Irrigation Scheme. A combined total of

1,495 individual of 46 waterbird species were counted. The most abundant species was African Open-billed Stork *Anastomus lamelligerus* with 317 individuals followed by Common Sandpiper with 113 individuals and Little Egret with 78 individuals. All these species were found in highest numbers at the Bunyala Irrigation Scheme where African Open-billed Stork were 79.8% (253) individuals followed by Common Sandpiper *Actitis hypoleucos* with 93.8% (106) individuals and Little Egret *Egretta garzetta* 94.9% (74).

In Amboseli National Park and adjacent areas the counts covered Lake Ol'Tukai and wetlands along the stretches from Meshanani Gate to Kimana Gate, Kimana Gate to Lake Ol'Tukai, and from Lake Ol'Tukai towards Namanga (outside Amboseli National Park). A total of 3,247 individuals of 56 waterbird species were recorded in all these sections combined. The most abundant species was Lesser Flamingo with 900 individuals, followed by Red-knobbed Coot with 450 and Long-toed Plover *Vanellus crassirostris* with 300 individuals.

Results

1. Nairobi and adjacent areas

Kenyatta University Sewerage Works and Northlands (including Sukari Dam)

These two sites were counted by 25 volunteers on 31st January 2018 from 9:40h to 11:00h. A total of 726 individuals of 39 waterbird species were counted at Northlands; and 530 individuals of 34 waterbird species at Kenyatta University Sewerage Works. The most abundant species was Black-winged Stilt with 282 individuals at Northlands and 108 at Kenyatta University Sewerage Works, followed by Little Grebe *Tachybaptus rufocolis* with 98 at Kenyatta University Sewerage Works and Hottentot Teal *Anas hottentota* with 61 individuals at Northlands.

Dandora Sewerage Works

Waterbirds at this sewerage works were counted on 24th January 2018 from 10:10h to 13:30h by 44 volunteers in five teams. The weather was calm, sunny with clear skies of about 10% cloud cover. A total of 9,955 individuals of 46 waterbird species were recorded. White-winged Tern *Chlidonias leucopterus* with 1,985 individuals was the most abundant, followed by Red-knobbed Coot with 1,560 individuals and Black-winged Stilt with 1044 individuals.

Hillcrest High School Dam

Waterbirds at this dam were counted on 17th January 2018 from 10:09h to 12:00h by a team of seven volunteers on foot. The weather was calm, sunny with clear skies. A total of 62 individuals of 17 species were recorded. The most abundant species was Long-tailed Cormorant 14 individuals, followed by Little Grebe and Common Moorhen *Gallinula chloropus* with eight individuals each.

Limuru Sewerage Works

Waterbirds at this sewerage works were counted on 3rd January 2018 from 11:13h to 11:47h by a team of three volunteers on foot. A total of 49 individuals of nine waterbird species were recorded. The most abundant species was Sacred Ibis with 18 individuals and Glossy Ibis with nine individuals and Wood Sandpiper *Tringa glareola* with six individuals.

Manguo Floodplain

Waterbirds at this site were counted on 3rd January 2018 from 09:41 to 10:41h by 18 volunteers in two teams. The weather was cool, slightly windy and cloudy (85%). A total of 211 individuals of 26 waterbird species were recorded. The most abundant species was Blacksmith Plover *Vanellus armatus* with 49 individuals, followed by Wood Sandpiper with 37 individuals and Black-winged Stilt with 27 individuals.

Nairobi National Park

Waterbirds in seven sites (namely: Hyena Dam, Nagolomon Dam, Marsh below Hyena Dam, Karen "C" PS Dam, Eland Hollow Dam, Ruai Dam and Hippo Pools) within Nairobi National Park were counted on 17th January 2018 from 10:00h to 12:30h by 25 volunteers in three teams. A total of 415 individuals of 42 waterbird species were recorded. The most abundant species was Marabou Stork *Leptoptilos crumeniferus* with 156 individuals, followed by Blacksmith Plover with 32 individuals and Cattle Egret with 27 individuals.

Paradise Lost and Gigiri Wetland

Waterbirds at these sites were counted on 10th January 2018 from 09:49h to 10:40h by a team of nine volunteers. The seasonal wetlands were dry. A total of 78 individuals of 15 waterbird species were recorded. The most abundant species was Marabou Stork with 15 individuals, followed by Hadada Ibis *Bostrychia hagedash* with 11 individuals and Egyptian Goose *Alopochen aegyptiacus* with 10 individuals.

Thika Sewerage Works

Waterbirds at this sewerage works were counted on 21st January 2018 from 10:45h to 13:30h by 18 volunteers in three teams. The weather was sunny with a clear sky of about 10% cloud cover. A total of 2,375 individuals of 45 waterbird species were recorded. The most abundant species was Little Stint with 761 individuals, followed by Black-winged Stilt with 176 individuals and Red-billed Teal *Anas eythrorhyncha* with 161 individuals.

2. Central Kenya

Kinangop Dams

Waterbirds in five dams in the Kinangop area were counted by seven volunteers as follows: Semini's Dam on 9th January 2018; Tony's Dam, Kimani Mbae's Dam and Major

Hill's Dam on 10th January 2018; and Michinda Damn on 11th January 2018. A combined total of 1,468 individuals of 36 waterbird species were recorded. The most abundant species was Red-knobbed Coot with 369 individuals, followed by Ruff with 268 and Northern Shoveler *Anas clypeata* with 174 individuals.

Lake Ol'Bolossat

Waterbirds at this site were counted on 21st January 2018 from 06:54h to 12:10h by 67 volunteers in 16 teams. The weather was chilly, calm with clouds at 15%, later becoming sunny and warm. A total of 14,423 individuals of 72 waterbird species were recorded. The most abundant species was Red-knobbed Coot with 5,788 individuals, followed by Glossy Ibis with 1,303 individuals and Cattle Egret with 1,032 individuals.

Nyahururu Sewerage Works

Waterbirds at this sewerage works were counted on 21st January 2018 from 14:36h to 15:25h by three volunteers. During the count, the weather was slightly windy, sunny, hot with clear skies of about 20% cloud cover. A total of 230 individuals of 16 waterbird species were recorded. The most abundant species was Red-knobbed Coot with 75 individuals, followed by Yellow-billed Duck *Anas undulata* with 57 individuals and Hottentot Teal with 30 individuals.

3. Rift Valley

Lake Bogoria

Waterbirds in this alkaline lake were counted on 6th January 2018 from 07:00h to 11:00h by a team of 45 volunteers, divided in 10 groups. The weather was cloudy 70%, warm and calm. During the counts, the lake water level was still high with the shoreline characterized by inundated dead trees. A total of 165,852 individual of 34 waterbird species were recorded. The most abundant species was the Lesser Flamingo with 158,052 individuals followed by Greater Flamingos with 3,116 individuals and Little Grebe with 1,962 individuals.

Lake Elmenteita

Waterbirds in this alkaline lake were counted on 13th January 2018 from 07:30h to 11:40h by a team of 75 volunteers divided into 10 groups. The weather was cloudy 70%, warm and calm. During the count, the water level was high, though relatively receding compared to January 2017. A total of 12,580 individuals of 52 waterbird species were recorded. The most abundant species was Greater Flamingo with 2,412 individuals, followed by Lesser Flamingo with 1,742 individuals and Little Stint with 1,731 individuals.

Lake Magadi

Waterbirds in this alkaline lake were counted on 28th January 2018 from 06:30h to 11:15h by a team of 46 volunteers divided into eight groups. The weather was calm,

warm to hot, with clear skies of about 10% cloud cover. A total of 9,347 individuals of 36 waterbird species were recorded. Little Stint with 3,131 individuals was the most abundant, followed by Pied Avocet *Recurvirostra avosetta* with 2,357 individuals and Lesser Flamingo with 1,427 individuals.

Lake Nakuru

Waterbirds in this alkaline lake were counted on 7th January 2018 from 07:10h to 11:45h by a team of 56 volunteers divided into 12 groups. During the count, the weather was calm and cloudy 85%. The water levels had slightly receded compared to January 2017, but the riparian vegetation was still inundated. A total of 23,144 individuals of 73 waterbird species were recorded. Greater Flamingo was the most abundant species with 5,150 individuals, followed by Grey-headed Gull *Larus cirrocephalus* with 2,481 individuals and Ruff *Philomanchus pugnax* with 1,960 individuals.

Nakuru Sewerage Works

Waterbirds in this sewerage works were counted on 7th January 2018 from 13:14h to14:20h by a team of nine volunteers. A total of 292 individuals of 25 waterbird species were recorded. Sacred Ibis was the most abundant with 70 individuals, followed by Wood Sandpiper with 33 individuals and White-faced Whistling Duck *Dendrocygna viduata* with 30 individuals.

Njoro Sewage Works

Waterbirds in this sewerage works were counted on 7th January 2018 from 12:09h to 13:20h by a team of four volunteers. A total of 538 individuals of 28 waterbird species were recorded. Red-knobbed Coot was the most abundant species with 236 individuals, followed by Hottentot Teal with 70 individuals and Spur-winged Plover with 56 individuals.

Lake Naivasha

Waterbirds in this freshwater lake were counted on 14th January 2018 from 07:00h to 11:00h by 70 volunteers in 10 teams. Eight teams were on boats and two teams were on foot. The teams on foot covered part of the lake's shoreline on the North-eastern part and the Marula Swamp. The morning was cool with clear sky at about 5% cloud cover, but got warmer in the later hours of the morning. The lake water level had slightly receded compared to January 2017, but was still high. Most shoreline areas especially in the south were charaterised by dead inundated trees. A total of 11,551 individuals of 71 waterbird species were recorded. The most abundant species was the Great Cormorant *Phalacrocorax carbo* with 3,899 individuals, followed by Egyptian Goose with 978 individuals and Great White Pelican *Pelecanus onocrotalus* with 624 individuals.

Lake Oloidien

Waterbirds in this lake adjacent to Lake Naivasha were counted on 14th January 2018 from 07:50h to 09:53h by 10 volunteers in two teams on two boats. The morning was

cool with clear sky at about 5% cloud cover, but got warmer in the later hours of the. A total of 2,262 individuals of 43 waterbird species were recorded. The most abundant species were Great Cormorant with 554 individuals, followed by Egyptian Goose with 454 individuals and Great White Pelican with 262 individuals.

Lake Sonachi (Crater Lake)

Waterbirds in this small lake near Lake Naivasha were counted on 14th January 2018 from 08:25h to 09:39h by 10 volunteers on foot. A total of 93 individuals of 14 waterbird species were recorded. The most abundant species was the Little Grebe with 44 individuals, Egyptian Goose with 27 individuals and Wood Sandpiper with four individuals.

4. Kenya coast

Kensalt Saltworks

Waterbirds at this site were counted on 24th January 2018 from 14:45h to 17:16h. A total of 4,261 individuals of 31 waterbird species were recorded. The most abundant species was Greater Flamingo with 1,233 individuals, followed by Little Stint with 1,022 individuals and Curlew Sandpiper *Calidris ferruginea* with 336 individuals.

Krystalline Saltworks

Waterbirds at this site were counted on 27th January 2018 from 15:45h to17:04h. A total of 2,104 individuals of 24 waterbird species were recorded. The most abundant species was Greater Flamingo with 1,602 individuals, followed by Pied Avocet with 101 individuals and Black-winged Stilt with 98 individuals.

Lake Jilore

Waterbirds at this site were counted on 20th January 2018 from 08:20h to 10:15h. A total of 575 individuals of 28 waterbird species were recorded. The most abundant species was Little Stint with 128 individuals, followed by Abdim's Stork *Ciconia abdimii* with 100 individuals and Marsh Sandpiper with 64 individuals.

Lake Mikimba

Waterbirds at this site were counted on 27th January 2018 from 10:45h to 12:40h. A total of 1,201 individuals of 34 waterbird species were recorded. The most abundant species was White-faced Whistling Duck with 343 individuals, followed by Knob-billed Duck with 242 individuals and Glossy Ibis with 105 individuals.

Malindi Harbour

Waterbirds at this site were counted on 20th January 2018 from 12:15h to 13:15h. A total of 609 individuals of 24 waterbird species were recorded. The most abundant species was Saunders's Tern *Sterna saundersi* with 75 individuals, followed by

Heuglin's Gull *Larus heuglini* with 57 individuals and Greater Sandplover *Charadrius leschenaultii* with 61 individuals.

Mida Creek

Waterbirds at this site were counted on 25th January 2018 from 09:22h to 11:55h. A total of 5,278 individuals of 23 waterbird species were recorded. The most abundant species was Greater Sandplover with 1,201 individuals, followed by Lesser Sandplover *Charadrius mongolus* with 1,012 individuals and Little Stint with 921 individuals.

Sabaki River Mouth

Waterbirds at this site were counted on 24th January 2018 from 08:00h to 12:00h. A total of 3,856 individuals of 42 waterbird species were recorded. The most abundant species was Curlew Sandpiper with 1,400 individuals, followed by Ringed Plover *Charadrius hiaticula* with 500 individuals and Little Stint with 311 individuals.

Tana River Delta

Waterbirds at this site were counted in three sections as follows: The Tana Delta Freshwater areas were counted on 6th February 2018 from 10:45h-18:35h; Tana Delta Salt Water Section on 7th February 2018 from 06:45h to 11:12h; and Tana Delta Sandbar on 7th February 2018 from 14:45h to15:20h. A total of 16,143 individuals of 69 waterbird species were recorded from all these sections combined. The most abundant species was Spur-winged Plover with 4,366 individuals, followed by Cattle Egret with 2,427 individuals and Ruff with 2,005 individuals.

5. Amboseli

Waterbirds in and around Amboseli National Park were counted in three sections as follows: Meshanani Gate to Kimana Gate on 1st January 2018; Kimana Gate to Lake Ol'Tukai on 3rd January 2018; and Lake Ol' Tukai including route out of Amboseli National Park towards Namanga on 4th January 2018. A total of 3,247 individuals of 56 waterbird species were recorded in all these sections combined. The most abundant species was Lesser Flamingo with 900 individuals, followed by Red-knobbed Coot with 450 and Long-toed Plover *Vanellus crassirostris* with 300 individuals.

6. Yala Swamp

Waterbirds at the Yala Swamp area were counted in three sections as follows: Kombo Dyke on 12th January 2018 from 07:25h to 10:02h by a team of three volunteers; Two transects in the Bunyala Irrigation Scheme on 13th January 2018 from 07:28h to 09:45h by 10 volunteers in two teams; Lake Bob on 15th January 2018 from 06:55h to 09:52h by a team of five volunteers. A combined total of 1,495 individuals of 46 waterbird species were recorded in these three sites. The most abundant species was African Open-billed Stork with 317 individuals, followed by Common Sandpiper with 113 individuals and Marsh Sandpiper *Tringa stagnatilis* with 79 individuals.

Acknowledgements

The waterbird counts are coordinated by the National Museums of Kenya (NMK) in collaboration with Kenya Wildlife Service (KWS) and Nature Kenya (EANHS). We are very grateful to the African Fund for Endangered Wildlife (AFEW) for funding this year's 2018 January waterbird counts. The waterbird count organisers appreciate and are grateful to all the volunteers who took part in these counts. The African-Eurasian Waterbird Agreement (AEWA) supported the counts through Nature Kenya by covering some transport and logistical costs. We thank the managements of Imarisha Naivasha, Orpower Limited, Soysambu Conservancy, KenGen, Lake Elmenteita Serena Camp, East African Wild Life Society, Kenya Forest Service, Geothermal Development Company, Turtle Bay Beach Club and Tana Delta Dune Lodge for their cooperation and assistance in various ways that enabled the counts to be successful. Kenyatta University, Northlands Estate, Hillcrest School, Sam Mburu Resort, Paradise Lost, Nyahururu Water and Sewerage Company, Crater Lake (Sonachi), Magadi Soda Company Limited, Lake Magadi Sports Club, Kensalt Saltworks Limited, Krystalline Saltworks Limited, Nairobi Water and Sewerage Company, Dandora Sewerage Treatment Works, Thika Water and Sewerage Company and Nairobi National Park for their courtesy in welcoming us and providing permission to volunteers to access their property to count waterbirds. Kenya Fisheries Department, Elsamere, Richard Bell, David Kilo and Hippo Resort provided their boats during counts at Lakes Naivasha and Oloidein. Site Support Groups coordinated by Nature Kenya particularly Nyahururu Bird Club, Friends of Lake Nakuru, Friends of Yala Swamp, Friends of Kinangop and Naivasha South Lake Birders motivated their members to participate in the counts. KWS provided robust support that enabled the counts to take place at many sites, particularly at Lakes Magadi, Nakuru, Naivasha, Elmenteita, Ol'Bolossat, Bogoria, and Nairobi National Park. The County Government of Baringo provided logistical support at Lake Bogoria. Kenya Wildlife Service Training Institute (KWSTI) provided free camping space at Lake Naivasha. The Wildlife Clubs of Kenya (WCK) provided free camping space to the volunteers at the Lake Nakuru WCK Hostels. Hell's Gate National Park management provided additional logistical support including transport and security. A Rocha Kenya coordinated the counts at the Kenya coast. Nature Kenya through their organized Wednesday Morning Bird Walks and Sunday Birdwatch covered the counts around Nairobi and adjacent areas. We also take this opportunity to thank and commend many individuals who went out of their way to provide support through their institutions and in person, and especially the volunteers who committed their time and effort listed below:

Mustafa Adamjee, Zigi Ai, Michelle Ajema, Centrine Akiru, Moddy Ali, Niva A. Amenya, Steve Amum, Zealot Amuma, Zack Andika, Enock Aseri, Alfred Ateko, Peninah Athekon, Celine Atieno, Eunice Atieno, Alfred Ayiro, Juma Badi, Samuel Bakari, Fred Barasa, Wesley Bellion, Mohammed Billow, Elphas K. Bitok, Marion Bochabeli, Milka Boinett, Alex Borini, Dominic Bosire, Chepsom Bowen, Marvin Bulimu, Simon Carter, Rocio Diaz Chavez, Roy Chepkendi, Christine Chepkisich, Willy Chepsoi, Dominic Kiprono Chesire, Julius Chesire, Valerio Ciampi, Leah Daudi, Mideva Ebeywa, Ewoton Ekal, Heather Elkins, Zuhura Fadhil, Irene N. Gakara, Salome Wanjiku Gathunguri, Nick Gay, Douglas Gichagi, Jonathan Gichomo, Reginah Nduta Gichuki, Kevin Gichuki, Giulia Silvia Gilberti, Charles M. Gitau, Daniel Gitau, John Gitiri, John Gitogo, Susan

Goodville, Stephen Graham, David Guarnieri, Jamal Hajj, Hassan Halkano, Narinder Heyer, Ibrahim Hirribae, Timothy Mwanzia Ikime, Colin Jackson, Beatrice Cherutich Jebiwot, Helen Jerotich, James Mutunga Joshua, Frank Juma, Ngomeni Juma, Vanessa Jutter, Julius Kabete, Kennedy Kabuchok, Keddy Kachike, Johnson Kafulo, Amina Njoki Kahure, Peter Kaindu, Lawrence Kalunge, Jeremy Kamami, Paul Kamau, Shumpei Kambe, Henry Kamrey, Jeruto Kandie, Laban Kandie, Daniel Kangogo, Richard Kangwonyi, Lukaria Kanyi, Obadiah Kanyi, Peter Karani, Charity Kareka, Lawrence Kazungu Karisa, Florence Wanjiru Kariuki, Antony Kariuki, Chege Kariuki, Mercy Kariuki, James Karori, Anne Karuchi, Fidelis Katima, Doreen Kayuyu, Stella Keito, Enock Kendagor, Festus Kenei, Francis Kerio, Boniface Kesa, Samira Khan, Isaiah Kibelion, Robert Kibet, Josephine Kiboi, Norman Kiboi, Anne Wangechi Kibunja, Joseph Kibunja, Mary Kiige, Jack Kiiru, Kimulwa Kimalach, James Wanderi Kimani, Peter Njoroge Kimani, Dominic Kimani, James Kimaru, Brenda K. Kimathi, Karimi Kimathi, Boaz Kimosop, Raphael Kimosop, James Mburu Kinyanjui, Cyrus Kinyanjui, Peter Kioko, Roy Kipchemoi, Anita Kiplagat, Richard Kipngeno, James Kiprono, Emmanuel Kiprotich, Collins Kipruto, Cosmas Kiptoo, Daviez Kiptoo, Nicholas Kiptoo, Vanwell Kiptoo, Lennox Kirao, Alfred Kirui, Philip Kirui, Erick Kirwa, Kalama Kitsao, Noah Koech, Reuben Koech, Monika Korczewski, Stanley Kosgey, Gael Kotulwo, Ednah Nyambu Kulola, Susan Kung'u, Patrick Kurere, Benard Kyalo, Kimutai Langat, Peter Lele, Kiambati Lesentiyo, Albert Lesuda, Peter Liech, Beatrice Limo, Jin Lin, Kemboi Lomala, Ekal Lotir, Jeremy Macharia, George Machiba, Kelvin Maina, Charles Maingi, Clarence Makau, Meshack Makau, Joel Maleto, Johana Maukonen, Meshack Manoah, Patrick Martina, John Kasaya Masaba, Emily Mateche, Martin C. Matu, Peter Mbogo, Martin Mburugu, Zachary Mbuthia, Karisa Menza, Steve Methu, Edson Mlamba, David Mnagat, Joseph Mochoge, Noor Mohamed, John Momanyi, Robert Mwangi Muchunu, Peter Muhoro, John Muiruri, Evelyn Mukami, Hosilio Mukundi, Ceciliah Mumbi, Benson Munene, Paul Munene, Paul G. Mungai, Agnes Murage, Peter Muriithi, James Mutei, Leah Muteshi, Mary Muthoni, Rose Muthoni, Martin Muthuri, Martha Nzisa Mutiso, Alex Mutuku, Tom Mwachizangu, Jonathan Mwachongo, Valentine Mwangelu, Charles K. Mwangi, George Mbugua Mwangi, Mary Waithera Mwangi, Rachel Wangui Mwangi, Abraham Mwangi, John Mwangi, Leah Mwangi, Martin Mwangi, Francis Mwangondu, Stellah Shimunzali Mwanzi, Mary Mwathi, Joseph Mwita, Jacinta Nachu, Andrew Naibeyo, Oliver Nasirwa, Martha Naukot, Alex Nawoi, Gabriel Michael Ndambuki, Wanjiku Ndegwa, Allan Wanjohi Nderitu, Albert Nderitu, Peter Ndirangu, Dickson Ndune, James Ndungu, Nicholas Ndungu, Kuria Ndung'u, Eliud Ngare, Benson Ngau, Duncan Ngosos, Joseph Ngotho, Patrick Ngotho, Fleur Ng'weno, David N. Njenga, Caroline Njoki, Damaris Njoki, Edward Njoroge, Nick Njoroge, Paul Njoroge, Elkana Njue, Edwin Gichohi Njuguna, Jesse Njuguna, Simon Njuguna, Stanley Njuguna, Emmanuel Njuki, Isaiah Nyabuto, Kenneth Nyaga, Peter Nyaga, Vasco Nyaga, Elizabeth Nyagambe, Brendah Nyaguthi, Jeremiah Nyamberi, Evans Nyapara, Martha Mutiso Nzisa, Pius Obara, John Ochieng, Judith Ochieng, Moses Odhiambo, Andrew Odino, Mathew Oduor, Jennifer Oduori, Nelly Ogada, Richard Ogangra, Hezekiah Obwangi Ogeto, Geoffrey Ogoti, Joseph Ojuja, Stephen Ojwang, Jabes Okumu, Milka Okwach, Alex Oloo, Martin Odhiambo Omaya, Fred Omengo, Frank Omondi, Fredrick Ondara, Scholarstica Awino Ong'ok, Edwin O. Onyango, Vincent Otieno Onyango, Ibrahim Onyango, Gordon Opany, Paul Opere, Francis Opiyo, Mike Osoro, Morris Otieno, Walter Otieno, Simon Pere, Kristia Piikki, Kristia Piiliki, Kamuren

Rotich, Stanley Rotich, Zakayo Rotich, Harrison Rowland, Andrew Rugut, Hassan Athman Saidi, Henry Ole Sanoe, Doris Schaule, Benedict Schmeider, Raphael Seronei, Simon Shati, Sidney Shema, Kassim Hussein Shitawa, Kennedy Sikenykeny, Noah Siloma, Collins Sirma, Rafiki Safari Sirya, Linda Sogoti, Mats Sūderstrūm, Yumi Takanashi, Eric Tanui, David Thairu, Hezekiah Theuri, Emmanuel Thoya, Ketukei Tipape, Wilson Tiren, Oriane Torode, Steve Torode, Anderson Tuitoek, Richard Tuitoek, Paul Mwangi Wachira, James Wachira, Washington Wachira, Emmanuel Wafula, Grace Waiguchu, Desire James Wainaina, John Waithaka, Monicah Waithera, Joshua Wambugu, Monicah Wambui, Pauline Wambui, Wanyoike Wamiti, Constant Wangara, Rhoda Wangechi, Ann Kanyi Wangeci, Charles Wanja, Elias Wanjama, Samuel Mungai WaNjeri, Pauline Wairimu Wanjiku, Salome Ngage Wanjiku, John Wanyoike, David Warui, Cedric Wathiru, Ann Burges Watson, Andrew Mwangi Waweru, Boniface Ngugi Waweru, James Waweru, John Waweru, Benard Wekesa, Samson Wekulo, Byron Wendo, Reuben Yatich, Louryen Yierar and Jinping Zhang.

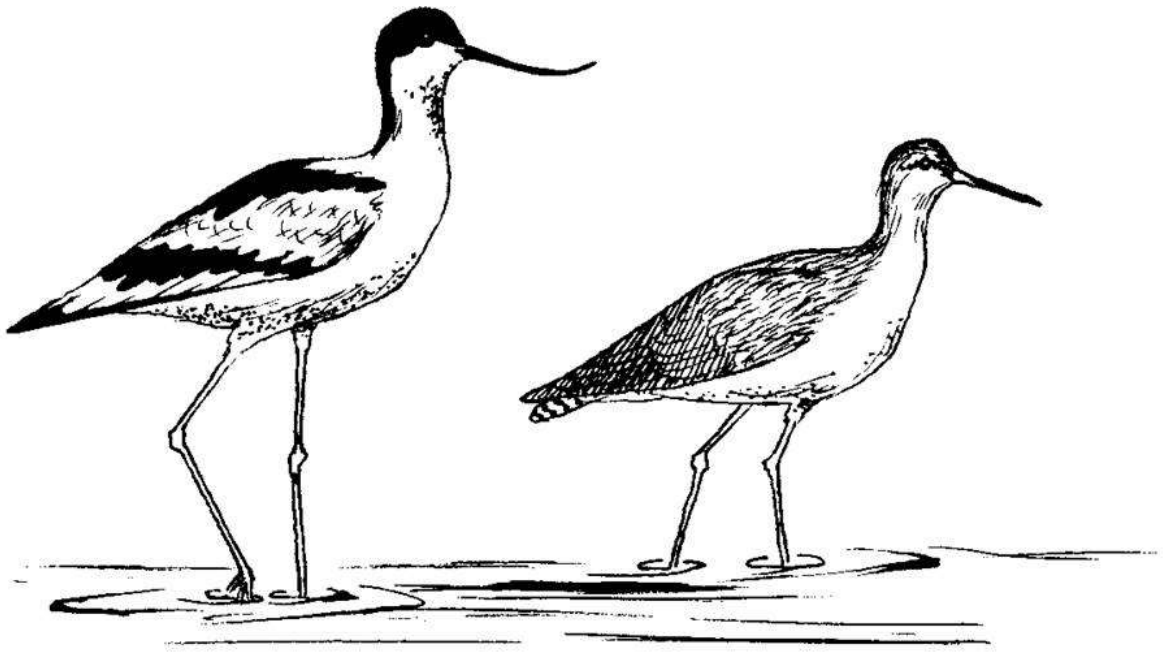


Table 2. Waterbird numbers in Nairobi and adjacent areas counted in January 2018

Species	Dandora Sewage Treatment Works	Gigiri Wetland	Hillcrest School Dam	Kenyatta University Sewerage Works	Limuru Sewerage Works	Manguo Floodplain	Nairobi National Park	Northlands (include Sukari Dam)	Paradise Lost	Thika Sewerage Works	TOTAL
Little Grebe	780		8	98			2	1	5	65	**959**
Pink-backed Pelican								2			**2**
Great Cormorant			1	3			1		6		**11**
Long-tailed Cormorant	8		14	5			1		7	18	**53**
African Darter			1				1				**2**
Black-crowned Night Heron			1	12			2			21	**36**
Cattle Egret	32			11			27	1		38	**109**
Little Egret	23			2						1	**26**
Western Reef Heron	1										**1**
Common Squacco Heron	7			1		1				3	**12**
Green-backed Heron			2								**2**
Yellow-billed Egret	4					4	3	2	1	39	**53**
Great Egret				3		1	4			2	**10**
Grey Heron	4		1			2	8	2		1	**18**
Purple heron			2								**2**
Black-headed Heron	2	1	2		1	2	3	2		1	**14**
Hamerkop	4		1	1		1	2	1		4	**14**
White Stork							1				**1**
Black Stork							4				**4**
Saddle-billed Stork							1				**1**
Marabou Stork	41						156	2	15	7	**221**
Yellow-billed Stork	9			1		2	3	4		7	**26**
Sacred Ibis	123		3	28	18	9	3	21	7	132	**344**
Hadada Ibis	35		6	9	4	5	2	17	11	27	**116**
Glossy Ibis	160			5	9	4		16		2	**196**
African Spoonbill				9		10	7	4			**30**
Fulvous Whistling Duck	582			18							**600**
White-faced Whistling Duck	293			17				10		19	**339**
Egyptian Goose	557		5	6	4	2	25	21	10	72	**702**
Knob-billed Duck										1	**1**
Garganey	133							2		115	**250**
Yellow-billed Duck	23		5			12		10	6	48	**104**
Northern Pintail	24										**24**
Red-billed Teal	54			15		10		18		161	**258**
Hottentot Teal								61		14	**75**
Northern Shoveler	1					1					**2**
Southern Pochard	2										**2**
Maccoa Duck						1					**1**

Species	Dandora Sewage Treatment Works	Gigiri Wetland	Hillcrest School Dam	Kenyatta University Sewerage Works	Limuru Sewerage Works	Manguo Floodplain	Nairobi National Park	Northlands (include Sukari Dam)	Paradise Lost	Thika Sewerage Works	TOTAL
Eurasian Marsh Harrier	6							2			**8**
African Fish Eagle		1		2			2	2	1		**8**
African Water Rail								2			**2**
Black Crake			1				8	4	1	7	**21**
Purple Swamphen								2			**2**
Common Moorhen			8		3		5	6		31	**53**
Red-knobbed Coot	1,560			6		7		27		18	**1,618**
Grey Crowned Crane	6				2	2	11	2	2		**25**
African Jacana	12					2	1	35		8	**58**
Black-winged Stilt	1,044			108		27	17	282		176	**1,654**
Spotted Thick-knee							2				**2**
Ringed Plover	187									8	**195**
Kittlitz's Plover	1										**1**
Three-banded Plover	12			13		3	10	16		8	**62**
Long-toed Plover	48						7			113	**168**
Blacksmith Plover	210			11	2	49	32	22		157	**483**
Spur-winged Plover	199			18			10	10		113	**350**
Crowned Plover							15				**15**
Little Stint	809			16				10		761	**1,596**
Curlew Sandpiper	2										**2**
Ruff	240			31		15	2	20		29	**337**
Common Snipe							2				**2**
Black-tailed Godwit	3										**3**
Spotted Redshank										2	**2**
Marsh Sandpiper	21			18			1	4		7	**51**
Common Greenshank	27			1			3	1			**32**
Green Sandpiper	22			5		1	4	2		3	**37**
Wood Sandpiper	480			35	6	37	10	56		105	**729**
Common Sandpiper	152			19		1	6	9	1	17	**205**
Unidentified waders								15			**15**
Black-headed gull	27										**27**
Whiskered Tern										5	**5**
White-winged Tern	1,985									5	**1,990**
Grey-headed Kingfisher			1	1			2			1	**5**
Malachite Kingfisher				1			7		3	2	**13**
Pied Kingfisher				1			2			1	**4**
Total waterbirds	**9,955**	**2**	**62**	**530**	**49**	**211**	**415**	**726**	**76**	**2,375**	**14,401**
Total species	**46**	**2**	**17**	**34**	**9**	**26**	**42**	**39**	**14**	**45**	**73**

Table 3. Waterbird numbers in Central Kenya sites counted in January 2018

Species	Kinangop Dams	Lake Ol'Bolossat	Nyahururu Sewerage	TOTAL	Species	Kinangop Dams	Lake Ol'Bolossat	Nyahururu Sewerage	TOTAL
Little Grebe	7	27	8	**42**	African Fish Eagle		8		**8**
Great White Pelican		30		**30**	Black Crake		7		**7**
Pink-backed Pelican	1	5		**6**	Purple Swamphen		13		**13**
Great Cormorant	2	5		**7**	Common Moorhen		13		**13**
Long-tailed Cormorant	20	3	1	**24**	Red-knobbed Coot	369	5,788	75	**6,232**
Black-crowned Night		28		**28**	Grey Crowned Crane	2	504		**506**
Cattle Egret	87	1,032		**1,119**	African Jacana		16		**16**
Little Egret	7	7		**14**	Lesser Jacana	2	3		**5**
Black Heron		10		**10**	Pied Avocet	2	1		**3**
Common Squacco Heron		32		**32**	Black-winged Stilt	55	4		**59**
Yellow-billed Egret	4	96		**100**	Ringed Plover	25	69		**94**
Great Egret	2	41		**43**	Kittlitz's Plover	11	49		**60**
Grey Heron	3	31		**34**	Three-banded Plover	1	15	1	**17**
Purple Heron		7		**7**	Long-toed Plover		128		**128**
Goliath Heron		10		**10**	Blacksmith Plover	51	920		**971**
Black-headed Heron		42		**42**	Spur-winged Plover		2		**2**
Hamerkop		2	1	**3**	Black-winged plover		20		**20**
White Stork		1		**1**	Crowned Plover		4		**4**
Black Stork		1		**1**	Little Stint	4	50		**54**
Saddle-billed Stork		2		**2**	Ruff	268	322		**590**
Yellow-billed Stork	8	34		**42**	Common Snipe		20		**20**
Sacred Ibis	11	584	4	**599**	African Snipe		8		**8**
Hadada Ibis	9	438	3	**450**	Unidentified snipes		3		**3**
Glossy Ibis	14	1,303		**1,317**	Black-tailed Godwit	63	39		**102**
African Spoonbill	10	299		**309**	Spotted Redshank		1		**1**
White-faced Whistling		80		**80**	Marsh Sandpiper	8	22		**30**
Spur-winged Goose		18		**18**	Common Greenshank		8	4	**12**
Egyptian Goose	29	668	2	**699**	Green Sandpiper		6	1	**7**
Cape Teal		5		**5**	Wood Sandpiper	56	133	13	**202**
Garganey	3	5		**8**	Common Sandpiper	46	45	6	**97**
Yellow-billed Duck	38	606	57	**701**	Unidentified waders		5		**5**
Northern Pintail	10	28		**38**	Gull-billed Tern		3		**3**
Red-billed Teal	64	313	18	**395**	Whiskered Tern		4		**4**
Hottentot Teal	2	23	30	**55**	White-winged Tern		2		**2**
Northern Shoveler	174	281	6	**461**	Malachite Kingfisher		1		**1**
Southern Pochard		5		**5**	Pied Kingfisher		4		**4**
African Marsh Harrier		3		**3**	**Total waterbirds**	**1,468**	**14,423**	**230**	**16,121**
Eurasian Marsh Harrier		78		**78**	**Total species**	**36**	**72**	**16**	**72**

Table 4. Waterbird numbers in the Rift Valley sites counted in January 2018

Species	Lake Bogoria	Lake Elmenteita	Lake Magadi	Lake Naivasha	Lake Nakuru	Lake Oloidien	Lake Sonachi	Nakuru Sewerage Works	Njoro Sewerage Works	TOTAL
Black-necked Grebe	212				58					**270**
Little Grebe	1,962	502		47	1,490	33	44	7	2	**4,087**
Great White Pelican		364	15	624	265	262			1	**1,531**
Pink-backed Pelican		33	6	31	45	53				**168**
Great Cormorant		60		3,899	980	554				**5,493**
Long-tailed Cormorant				244	236	27		1	1	**509**
African Darter		1		28	454			1		**484**
Black-crowned Night Heron				12	47	6				**65**
Cattle Egret		18		123	180	14		26		**361**
Little Egret	26	46	33	150	146	54	1	4	2	**462**
Dimorphic Egret			12							**12**
Black Heron			6	11	1					**18**
Common Squacco Heron		10		470	49	17	3			**549**
Green-backed Heron	8		1	3	25	1				**38**
Yellow-billed Egret				168	71	1		5		**245**
Great Egret		1	3	61	85	10				**160**
unidentified egrets			3							**3**
Grey Heron	2	20	3	164	137	59		3	2	**390**
Purple Heron				71	2			1		**74**
Goliath Heron				12						**12**
Black-headed Heron		4		17	2	2		1	2	**28**
Hamerkop	1	1		97	5	1				**105**
White Stork					3					**3**
Black Stork					1					**1**
Woolly-necked Stork				4						**4**
Saddle-billed Stork				3	6					**9**
Marabou Stork			19	184	20	17			1	**241**
Yellow-billed Stork		147	36	91	19	30				**323**
Sacred Ibis	2	15	3	255	216	2		70	14	**577**
Hadada Ibis	26	6		488	68	4	1	26	2	**621**
Glossy Ibis				50	628	1				**679**
Unidentified ibises				3						**3**
African Spoonbill		167	89	114	116	87				**573**

Species	Lake Bogoria	Lake Elmenteita	Lake Magadi	Lake Naivasha	Lake Nakuru	Lake Oloidien	Lake Sonachi	Nakuru Sewerage Works	Njoro Sewerage Works	TOTAL
Greater Flamingo	3,116	2,412	292	1	5,150					**10,971**
Lesser Flamingo	158,052	1,742	1,427	4	876					**162,101**
Fulvous Whistling Duck					5					**5**
White-faced Whistling Duck				2				30		**32**
Spur-winged Goose	3			352						**355**
Egyptian Goose	17	70	5	978	752	454	27	20	13	**2,336**
Knob-billed Duck		934							2	**936**
Cape Teal	4	816	35	6	279				26	**1,166**
Garganey									27	**27**
Yellow-billed Duck				103	15	6				**124**
Northern Pintail		70			390					**460**
Red-billed Teal		45		8	6				1	**60**
Hottentot Teal		2		36	82	41	1	10	70	**242**
Northern Shoveler		19		2	6					**27**
Southern Pochard		2			17					**19**
Unidentified Ducks	32									**32**
Osprey				3						**3**
African Marsh Harrier				3		1				**4**
Eurasian Marsh Harrier		2		36	15			2		**55**
African Fish Eagle	4	9		200	20	24	2			**259**
Black Crake				46				1		**47**
Common Moorhen				11				13		**24**
Red-knobbed Coot		2		489	85	12		16	236	**840**
Grey Crowned Crane				115	15			4		**134**
African Jacana				194				2		**196**
Greater Painted-snipe					5					**5**
Pied Avocet	80	613	2,357	1	21					**3,072**
Black-winged Stilt	978	704	125	13	771				3	**2,594**
Ringed Plover	62	174	43	24	59	12				**374**
Kittlitz's Plover	22	107	5		101					**235**
Three-banded Plover	56	69	6	5	57	13	2		2	**210**
Chestnut-banded Plover			941							**941**

Species	Lake Bogoria	Lake Elmenteita	Lake Magadi	Lake Naivasha	Lake Nakuru	Lake Oloidien	Lake Sonachi	Nakuru Sewerage Works	Njoro Sewerage Works	TOTAL
Greater Sandplover			4							**4**
Caspian Plover			13							**13**
Long-toed Plover				287	7					**294**
Blacksmith Plover	3	246	77	254	324	36		2	5	**947**
Spur-winged Plover	79	31		105	123	6		6	56	**406**
Crowned Plover	2	3		17						**22**
Unidentified plovers	1									**1**
Little Stint	270	1,731	3,131	36	1,933	48			13	**7,162**
Curlew Sandpiper	1	113	26		62		1			**203**
Ruff	284	738	531	85	1,960	92	3		6	**3,699**
Common Snipe		1		1	2					**4**
Unidentified snipes				46						**46**
Black-tailed Godwit				10	31					**41**
Spotted Redshank		1			14					**15**
Marsh Sandpiper	41	95	8	41	87	17	1		9	**299**
Common Greenshank	93	70	11	35	119	10	1		3	**342**
Green Sandpiper	15	6		12	31	4			6	**74**
Wood Sandpiper	116	44	4	71	797	35	4	33	19	**1,123**
Common Sandpiper	20	37	3	88	187	38	2	3	11	**389**
Unidentified waders	236	3	40	1						**280**
Grey-headed Gull		245	1	127	2,481	79				**2,933**
Black-headed gull				21	12					**33**
Gull-billed Tern	3	18	10	5	161	54				**251**
Whiskered Tern	18	6	7	5	170					**206**
White-winged Tern		3	16		428					**447**
African Skimmer					10					**10**
Grey-headed Kingfisher	1			1	4					**6**
Malachite Kingfisher	4			23	4	2				**33**
African Pygmy Kingfisher					1					**1**
Giant Kingfisher				31		5				**36**
Pied Kingfisher		2		193	114	38		5	3	**355**
Total waterbirds	**165,852**	**12,580**	**9,347**	**11,551**	**23,144**	**2,262**	**93**	**292**	**538**	**225,659**
Total species	**34**	**52**	**36**	**71**	**73**	**43**	**14**	**25**	**28**	**89**

Table 5. Waterbird numbers along the Kenya coast counted in January and February 2018

Species	Kensalt Saltworks	Krystalline Saltworks	Lake Jilore	Lake Mikimba	Malindi Harbour	Mida Creek	Sabaki River Mouth	Tana River Delta	TOTAL
Little Grebe				5					**5**
Great White Pelican	42	9					5	1	**57**
Pink-backed Pelican	1	14		6			3	8	**32**
Great Cormorant	3	12							**15**
Long-tailed Cormorant		1		90				1	**92**
African Darter				4					**4**
Black-crowned Night Heron								1	**1**
Cattle Egret			1	3				2,427	**2,431**
Little Egret	22	9	1					6	**38**
Dimorphic Egret							11	8	**19**
Common Squacco Heron				6				8	**14**
Green-backed Heron								19	**19**
Great Egret	1			5		3		10	**19**
Grey Heron	2			6	5		4	19	**36**
Purple heron				2					**2**
Goliath Heron				1				11	**12**
Black-headed Heron			2	3				33	**38**
Abdim's Stork			100						**100**
Woolly-necked Stork								3	**3**
Saddle-billed Stork								4	**4**
Marabou Stork								12	**12**
African Open-billed Stork				78				63	**141**
Yellow-billed Stork							22	72	**94**
Sacred Ibis	11		1	11	2	1	16	134	**176**
Hadada Ibis								71	**71**
Glossy Ibis			20	105				429	**554**
African Spoonbill	13		6	3			58	16	**96**
Greater Flamingo	1,233	1,602		28		71			**2,934**
Lesser Flamingo	20						143		**163**
Fulvous Whistling Duck				26					**26**
White-faced Whistling Duck			1	343			38	243	**625**
White-backed Duck				7					**7**
Spur-winged Goose								31	**31**
Egyptian Goose								230	**230**
Knob-billed Duck				242				1	**243**
African Pygmy Goose				6					**6**

Species	Kensalt Saltworks	Krystalline Saltworks	Lake Jilore	Lake Mikimba	Malindi Harbour	Mida Creek	Sabaki River Mouth	Tana River Delta	TOTAL
Garganey			4						**4**
Osprey	1				2		1	2	**6**
Eurasian Marsh Harrier			1	1			1	2	**5**
African Fish Eagle							1	16	**17**
Black Crake								2	**2**
Purple Swamphen				5					**5**
Common Moorhen				3					**3**
African Jacana				80				71	**151**
Crab-plover						812			**812**
Pied Avocet		101					1		**102**
Black-winged Stilt		98	36	15				13	**162**
Water Thick-knee								194	**194**
Collared Pratincole			6					232	**238**
Ringed Plover	246	22	45		7	50	500	1,028	**1,898**
Kittlitz's Plover			7				8	459	**474**
Three-banded Plover			2	2		1			**5**
White-fronted Plover	6		1			6	5	6	**24**
Lesser Sandplover	130				2	1,012	250	44	**1,438**
Greater Sandplover	92				61	1,201	50	211	**1,615**
Caspian Plover	2							1,416	**1,418**
Pacific Golden Plover								14	**14**
Grey Plover	24				28	36	22	51	**161**
Long-toed Plover								30	**30**
Spur-winged Plover			4				2	4,366	**4,372**
Senegal Plover								47	**47**
Little Stint	1,022	41	128		1	921	311	134	**2,558**
Curlew Sandpiper	336	26			24	253	1,400	128	**2,167**
Sanderling		3			2	3	25		**33**
Ruff		6	42					2,005	**2,053**
Common Snipe			3					10	**13**
Black-tailed Godwit			1						**1**
Whimbrel	10	34			5	130	16	172	**367**
Eurasian Curlew	2					28	11		**41**
Marsh Sandpiper	6	23	64				17		**110**
Common Greenshank	4	51	17	18	16	259	21	63	**449**
Wood Sandpiper			40	3			56	215	**314**
Common Sandpiper	10	3	14		18		54	244	**343**
Terek Sandpiper	10	24			48	363	200	135	**780**
Ruddy Turnstone					5				**5**

Species	Kensalt Saltworks	Krystalline Saltworks	Lake Jilore	Lake Mikimba	Malindi Harbour	Mida Creek	Sabaki River Mouth	Tana River Delta	TOTAL
Sooty Gull					33		95	8	**136**
Heuglin's Gull					57		10	12	**79**
Lesser Black-backed Gull					6		45	4	**55**
Black-headed gull	1				1		1	2	**5**
Gull-billed Tern	7	2	2		11	76	27	60	**185**
Caspian Tern	28	8			38	1	125	9	**209**
Greater Crested Tern					26	2	67	2	**97**
Lesser Crested Tern	3	4			16	9	202	234	**468**
Common Tern							1		**1**
Saunders's Tern	6	1			75	39	1	70	**192**
Whiskered Tern								3	**3**
White-winged Tern		8	24	70			23	403	**528**
Unidentified terns	80				120				**200**
African Skimmer								73	**73**
Unidentified small waders	880								**880**
Grey-headed Kingfisher			2	5				34	**41**
Malachite Kingfisher				2				21	**23**
Giant Kingfisher				1					**1**
Pied Kingfisher	7	2		16		1	7	37	**70**
Total waterbirds	**4,261**	**2,104**	**575**	**1,201**	**609**	**5,278**	**3,856**	**16,143**	**34,027**
Total species	**31**	**24**	**28**	**34**	**24**	**23**	**42**	**69**	**92**

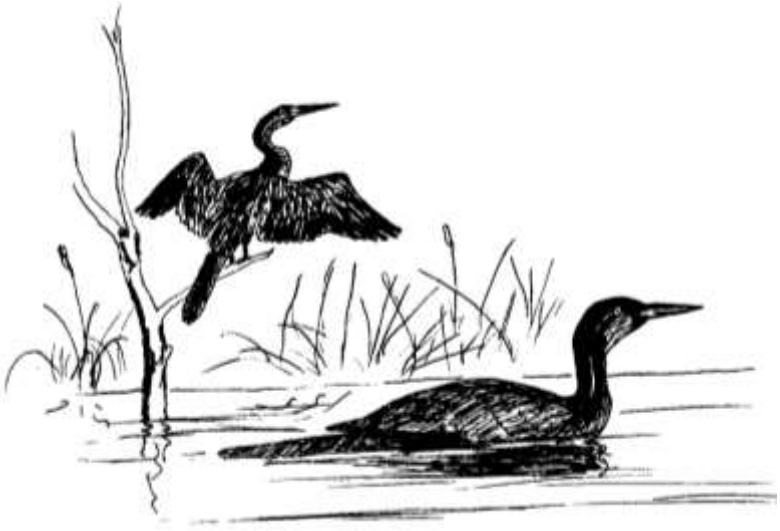


Table 6. Waterbird numbers in Amboseli and Yala Swamp areas counted in January 2018

Species	Amboseli National Park	Yala Swamp		Species	Amboseli National Park	Yala Swamp
Little Grebe	2			Hottentot Teal	13	
Great White Pelican	51	22		Pallid Harrier	1	
Great Cormorant	1	4		African Fish Eagle	6	
Long-tailed Cormorant	4	10		Black Crake	2	1
African Darter		6		Purple Swamphen		11
Little Bittern		3		Common Moorhen		11
Black-crowned Night Heron		2		Red-knobbed Coot	450	
Cattle Egret	39	41		Grey Crowned Crane	64	15
Little Egret	16	78		African Jacana	200	7
Black Heron		4		Pied Avocet	15	1
Common Squacco Heron	60	15		Black-winged Stilt	112	59
Rufous-bellied Heron	1			Water Thick-knee	3	3
Yellow-billed Egret	6			Spotted Thick-knee	7	
Great Egret	70	14		Collared Pratincole	1	
Grey Heron	6	22		Ringed Plover		29
Purple heron	4	15		Kittlitz's Plover	15	
Goliath Heron	7			Three-banded Plover	3	
Black-headed Heron	6	9		Long-toed Plover	300	30
Hamerkop		16		Blacksmith Plover	107	
White Stork		18		Spur-winged Plover	1	31
Saddle-billed Stork	6			Crowned Plover	11	
Marabou Stork	2			Little Stint		31
African Open-billed Stork		317		Ruff	29	
Yellow-billed Stork	3	26		Spotted Redshank		10
Sacred Ibis	11			Marsh Sandpiper	6	79
Hadada Ibis	9	14		Common Greenshank		70
Glossy Ibis	50			Green Sandpiper	4	
African Spoonbill	12	2		Wood Sandpiper	5	
Greater Flamingo	250			Common Sandpiper	3	113
Lesser Flamingo	900			Unidentified sandpipers		122
Fulvous Whistling Duck	41	5		Gull-billed Tern	10	35
White-faced Whistling Duck	38			Whiskered Tern	15	74
White-backed Duck	2			White-winged Tern	101	62
Spur-winged Goose		9		Grey-headed Kingfisher	3	
Egyptian Goose	157	19		Malachite Kingfisher	1	3
Knob-billed Duck		7		Pied Kingfisher		4
Garganey		16		**Total waterbirds**	**3,247**	**1,495**
Red-billed Teal	5			**Total species**	**56**	**46**

Table 7. Number of waterbirds by groups in the different regions counted in January 2018 in Kenya.

Waterbird groups	Nairobi	Central	Rift Valley	Coast	Amboseli	Yala Swamp	Total
Birds of prey	16	89	321	28	7		**461**
Cormorants	64	31	6,002	107	5	14	**6,223**
Cranes	25	506	134		64	15	**744**
Darters	2		484	4		6	**496**
Ducks	2,358	2,465	5,821	1,172	256	56	**12,128**
Flamingos	-	-	173,072	3,097	1,150		**177,319**
Grebes	959	42	4,357	5	2		**5,365**
Gulls	27	-	2,966	275			**3,268**
Hamerkop	14	3	105			16	**138**
Herons	283	1,439	2,417	2,629	215	203	**7,186**
Ibises & Spoonbills	686	2,675	2,453	897	82	16	**6,809**
Jacanas	58	21	196	151	200	7	**633**
Kingfishers	22	5	431	135	4	7	**604**
Pelicans	2	36	1,699	89	51	22	**1,899**
Plovers	1,274	1,296	3,447	12,308	437	90	**18,852**
Pratincoles				238	1		**239**
Rails and coots	1,696	6,265	911	10	452	23	**9,357**
Sandpipers	2,996	1,126	13,402	9,234	47	425	**27,230**
Skimmers			10	73			**83**
Stilts & Avocets	1,654	62	5,666	264	127	60	**7,833**
Storks	253	46	581	354	11	361	**1,606**
Terns	1,995	9	904	1,883	126	171	**5,088**
Thick-knees	2			194	10	3	**209**
Waders	15	5	280	880			**1,180**

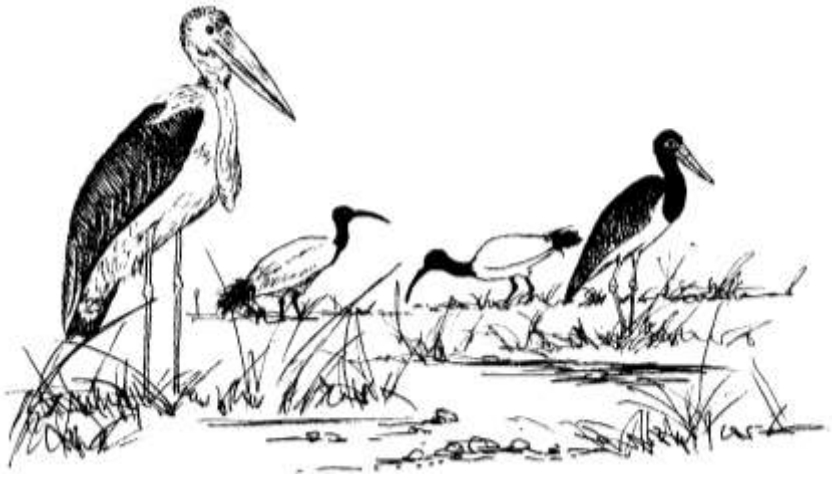


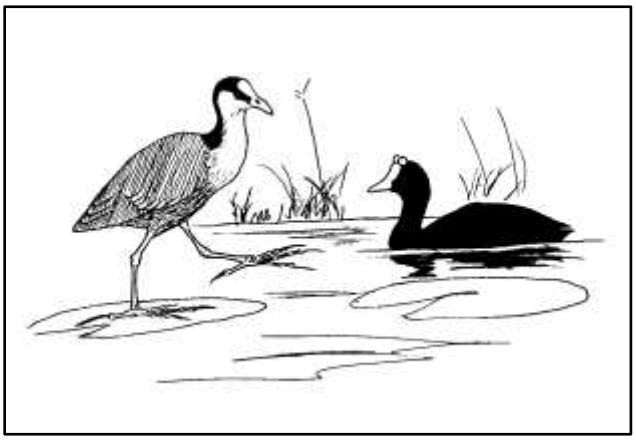
Table 8. List of waterbird species, scientific names and summary of total numbers counted in January and February 2018 in Kenya. Name and order of listing is according to the Bird Committee (1996).

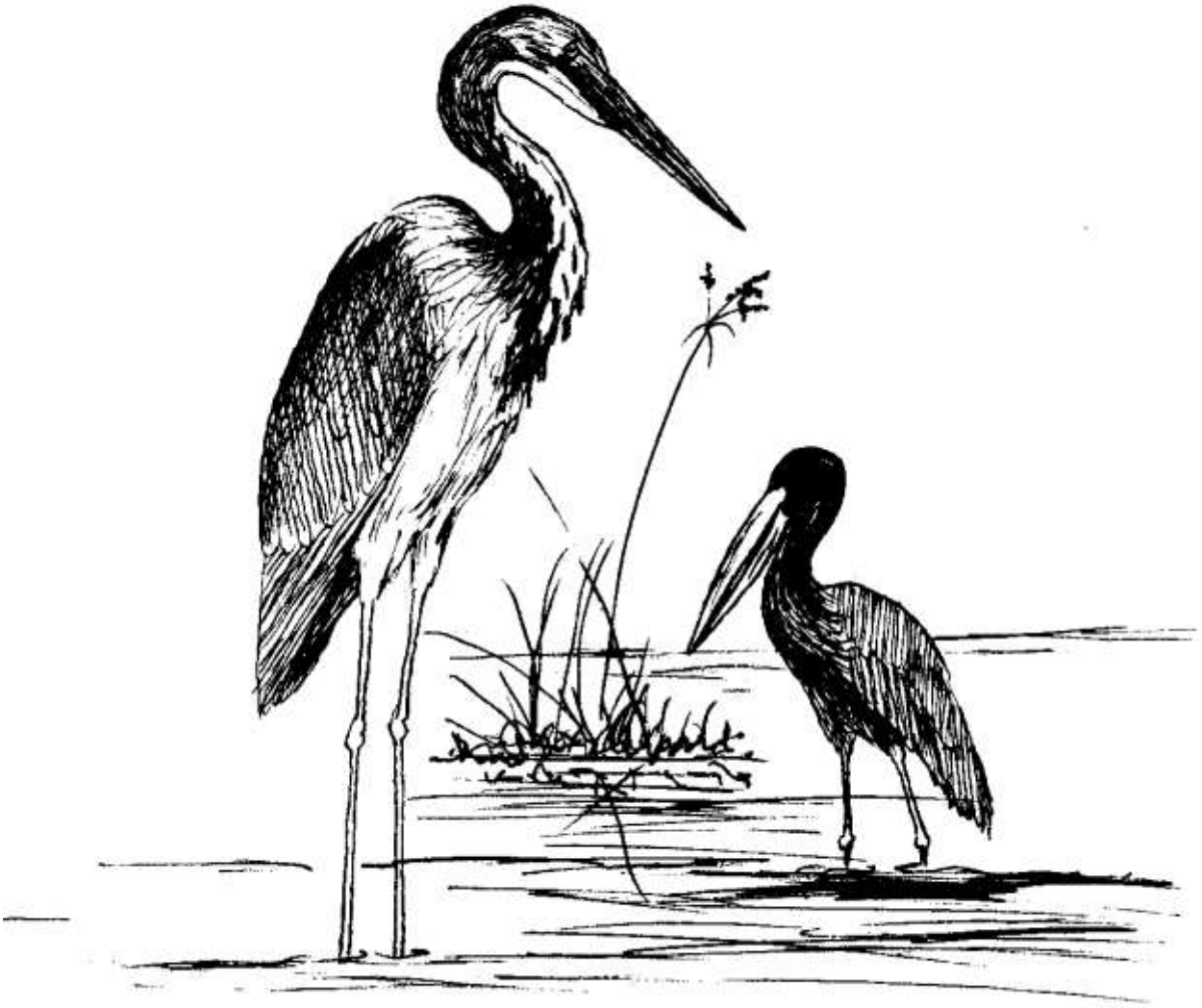
Species	Scientific name	Number
Black-necked Grebe	*Podiceps nigricollis*	**270**
Little Grebe	*Tachybaptus ruficollis*	**5,095**
Great White Pelican	*Pelecanus onocrotalus*	**1,691**
Pink-backed Pelican	*Pelecanus rufescens*	**208**
Great Cormorant	*Phalacrocorax carbo*	**5,531**
Long-tailed Cormorant	*Phalacrocorax africanus*	**692**
African Darter	*Anhinga rufa*	**496**
Little Bittern	*Ixobrychus minutus*	**3**
Black-crowned Night Heron	*Nycticorax nycticorax*	**132**
Cattle Egret	*Bubulcus ibis*	**4,100**
Little Egret	*Egretta garzetta*	**634**
Dimorphic Egret	*Egretta (g.) dimorpha*	**31**
Western Reef Heron	*Egretta gularis*	**1**
Black Heron	*Egretta ardesiaca*	**32**
Common Squacco Heron	*Ardeola ralloides*	**682**
Rufous-bellied Heron	*Ardeola rufiventris*	**1**
Green-backed Heron	*Butorides striatus*	**59**
Yellow-billed Egret	*Mesophoyx intermedia*	**404**
Great Egret	*Casmerodius alba*	**316**
Unidentified egrets		**3**
Grey Heron	*Ardea cinerea*	**506**
Purple Heron	*Ardea purpurea*	**104**
Goliath Heron	*Ardea goliath*	**41**
Black-headed Heron	*Ardea melanocephala*	**137**
Hamerkop	*Scopus umbretta*	**138**
White Stork	*Ciconia ciconia*	**23**
Black Stork	*Ciconia nigra*	**6**
Abdim's Stork	*Ciconia abdimii*	**100**
Woolly-necked Stork	*Ciconia episcopus*	**7**
Saddle-billed Stork	*Ephippiorhynchus senegalensis*	**22**
Marabou Stork	*Leptoptilos crumeniferus*	**476**
African Open-billed Stork	*Anastomus lamelligerus*	**458**
Yellow-billed Stork	*Mycteria ibis*	**514**
Sacred Ibis	*Threskiornis aethiopicus*	**1,707**
Hadada Ibis	*Bostrychia hagedash*	**1,281**
Glossy Ibis	*Plegadis falcinellus*	**2,796**
Unidentified ibises		**3**
African Spoonbill	*Platalea alba*	**1,022**

Species	Scientific name	Number
Greater Flamingo	*Phoenicopterus (r.) roseus*	**14,155**
Lesser Flamingo	*Phoeniconaias minor*	**163,164**
Fulvous Whistling Duck	*Dendrocygna bicolor*	**677**
White-faced Whistling Duck	*Dendrocygna viduata*	**1,114**
White-backed Duck	*Thalassornis leuconotus*	**9**
Spur-winged Goose	*Plectopterus gambensis*	**413**
Egyptian Goose	*Alopochen aegyptiacus*	**4,143**
Knob-billed Duck	*Sarkidiornis melanotos*	**1,187**
African Pygmy Goose	*Nettapus auritus*	**6**
Cape Teal	*Anas capensis*	**1,171**
Garganey	*Anas querquedula*	**305**
Yellow-billed Duck	*Anas undulata*	**929**
Northern Pintail	*Anas acuta*	**522**
Red-billed Teal	*Anas erythrorhynchos*	**718**
Hottentot Teal	*Anas hottentota*	**385**
Northern Shoveler	*Anas clypeata*	**490**
Southern Pochard	*Netta erythrophthalma*	**26**
Maccoa Duck	*Oxyura maccoa*	**1**
Unidentified Ducks		**32**
Osprey	*Pandion haliaetus*	**9**
Pallid Harrier	*Circus macrourus*	**1**
African Marsh Harrier	*Circus ranivorus*	**7**
Eurasian Marsh Harrier	*Circus aeruginosus*	**146**
African Fish Eagle	*Haliaeetus vocifer*	**298**
African Water Rail	*Rallus caerulescens*	**2**
Black Crake	*Amaurornis flavirostra*	**80**
Purple Swamphen	*Porphyrio porphyrio*	**31**
Common Moorhen	*Gallinula chloropus*	**104**
Red-knobbed Coot	*Fulica cristata*	**9,140**
Grey Crowned Crane	*Balearica regulorum*	**744**
African Jacana	*Actophilornis africanus*	**628**
Lesser Jacana	*Microparra capensis*	**5**
Greater Painted-snipe	*Rostratula benghalensis*	**5**
Crab-plover	*Dromas ardeola*	**812**
Pied Avocet	*Recurvirostra avosetta*	**3,193**
Black-winged Stilt	*Himantopus himantopus*	**4,640**
Water Thick-knee	*Burhinus vermiculatus*	**200**
Spotted Thick-knee	*Burhinus capensis*	**9**
Collared Pratincole	*Glareola pratincola*	**239**

Species	Scientific name	Number
Ringed Plover	*Charadrius hiaticula*	**2,590**
Kittlitz's Plover	*Charadrius pecuarius*	**785**
Three-banded Plover	*Charadrius tricollaris*	**297**
Chestnut-banded Plover	*Charadrius pallidus*	**941**
White-fronted Plover	*Charadrius marginatus*	**24**
Lesser Sandplover	*Charadrius mongolus*	**1,438**
Greater Sandplover	*Charadrius leschenaultii*	**1,619**
Caspian Plover	*Charadrius asiaticus*	**1,431**
Pacific Golden Plover	*Pluvialis fulva*	**14**
Grey Plover	*Pluvialis squatarola*	**161**
Long-toed Plover	*Vanellus crassirostris*	**950**
Blacksmith Plover	*Vanellus armatus*	**2,508**
Spur-winged Plover	*Vanellus spinosus*	**5,162**
Senegal Plover	*Vanellus lugubris*	**47**
Black-winged plover	*Vanellus melanopterus*	**20**
Crowned Plover	*Vanellus coronatus*	**52**
Unidentified plovers		**1**
Little Stint	*Calidris minuta*	**11,401**
Curlew Sandpiper	*Calidris ferruginea*	**2,372**
Sanderling	*Calidris alba*	**33**
Ruff	*Philomachus pugnax*	**6,708**
Common Snipe	*Gallinago gallinago*	**39**
African Snipe	*Gallinago nigripennis*	**8**
Unidentified snipes		**49**
Black-tailed Godwit	*Limosa limosa*	**147**
Whimbrel	*Numenius phaeopus*	**367**
Eurasian Curlew	*Numenius arquata*	**41**
Spotted Redshank	*Tringa erythropus*	**28**
Marsh Sandpiper	*Tringa stagnatilis*	**575**
Common Greenshank	*Tringa nebularia*	**905**
Green Sandpiper	*Tringa ochropus*	**122**
Wood Sandpiper	*Tringa glareola*	**2,373**
Common Sandpiper	*Actitis hypoleucos*	**1,150**
Terek Sandpiper	*Xenus cinereus*	**780**
Ruddy Turnstone	*Arenaria interpres*	**5**
Unidentified sandpipers		**122**
Unidentified waders		**300**

Species	Scientific name	Number
Sooty Gull	*Larus hemprichii*	**136**
Heuglin's Gull	*Larus heuglini*	**79**
Lesser Black-backed Gull	*Larus fuscus*	**55**
Grey-headed Gull	*Larus cirrocephalus*	**2,933**
Black-headed gull	*Larus ridibundus*	**65**
Gull-billed Tern	*Sterna nilotica*	**484**
Caspian Tern	*Sterna caspia*	**209**
Greater Crested Tern	*Sterna bergii*	**97**
Lesser Crested Tern	*Sterna bengalensis*	**468**
Common Tern	*Sterna hirundo*	**1**
Saunders's Tern	*Sterna (a.) saundersi*	**192**
Whiskered Tern	*Chlidonias hybridus*	**307**
White-winged Tern	*Chlidonias leucopterus*	**3,130**
Unidentified terns		**200**
African Skimmer	*Rynchops flavirostris*	**83**
Unidentified small waders		**880**
Grey-headed Kingfisher	*Halcyon leucocephala*	**55**
Malachite Kingfisher	*Alcedo cristata*	**74**
African Pygmy Kingfisher	*Ispidina picta*	**1**
Giant Kingfisher	*Ceryle maxima*	**37**
Pied Kingfisher	*Ceryle rudis*	**437**
Total waterbirds		**294,950**
Total species		**126**





Drawings by Edwin Selempo

Published by the National Museums of Kenya
PO Box 40658, 00100, Nairobi, Kenya

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