Bubulcus ibis 正體中文

System: Terrestrial

Kingdom	Phylum	Class	Order	Family
Animalia	Chordata	Aves	Ciconiiformes	Ardeidae

Common name garcilla bueyera (Spanish), rhinoceros egret (English), elephant bird (English), Afrikaanse koereiger (Afrikaans), buff-backed heron (English), hippopotomus egret (English), Indian cattle egret (English), cattle egret (English), garza ganadera (Spanish), héron garde-bœufs (French), depulgabuey (Spanish), garrapatosa (Spanish), garrapatera (Basque), garza de ganado (Portuguese), garza de vaquera (Portuguese), garcita de ganado (Spanish), garcilla garrapatera (Spanish)

Synonym *Bulbucus ibis*
Ardea ibis
Ardeola ibis

Similar species *Egretta thula, Egretta caerulea, Ardea alba*

Summary Bubulcus ibis are small stocky herons that associate with grazing species of mammals both domestic and wild. They have strong migratory instincts and disperse thousands of miles in the direction of their choosing. They are, for the most part, self-introduced. They have been observed 'feeding on' native species of birds. They are known to host ticks that could introduce and spread certain tick-borne diseases.

view this species on IUCN Red List

Species Description
Cattle egrets (*Bubulcus ibis*) are relatively small, stocky herons, with thick short necks (shorter than body), completely white in colour, except when breeding, at which time they are adorned by orange buff plumes on their crown, back and foreneck. The bill is yellow with a heavy jowl of feathers underneath and the legs are yellow to green and the eyes are light yellow when not breeding. During the breeding season the bill and legs are pink to orange-red and the eyes become a shade of bright red and the lores become purple-pink. Juveniles have black bills. Males and females typically grow to between 51-56cm in length and weigh around 360g (Birds of New Zealand, 2005; Cornell Lab of Ornithology, 2003; and GSMFC, 2005).

Lifecycle Stages
Cattle egret (*Bubulcus ibis*) clutches vary from 1 to 9 pale blue eggs, but typically consist of 3 to 4 eggs. The incubation period can last between 21 and 26 days. Depending on food availability, of the three to four eggs laid, usually only one or two are raised successfully, with later hatching chicks at a decided disadvantage. Young begin to fly in 25-30 days and become independent after about 45 days. *B. ibis* often nest in colonies with other egrets. Nests are in trees and three white eggs are laid. Both adults incubate and feed chicks by regurgitation. Youngsters scramble onto nearby branches as early as two weeks but do not fly until six or seven weeks of age (Birds of New Zealand, 2005; and GSMFC, 2005).

Uses
Some ranchers rely on cattle egrets (*Bubulcus ibis*) for fly control more than they do pesticides (Ivory, 2000).

Habitat Description
Cattle egrets (*Bubulcus ibis*) are common around marshes, farms, highway edges, pastures, ploughed fields and other altered habitats. They are strongly migratory and juveniles may disperse thousands of miles in random directions (GSMFC, 2005).

Reproduction
GSMFC (2005) reports that, \"*Bubulcus ibis* are promiscuous, with males frequently engaging in extra-pair copulation. They begin to breed at age two or three (Kaufman, 1996). Cattle egrets are colonial breeders, and are frequently found in mixed colonies with other species of herons and egrets. Males establish pairing territories within the colonies and carry out elaborate displays for females. Nests are typically built in aquatic habitats in trees or shrubs of swamps or islands. Nesting materials typically include reeds, shrubs and elder twigs. Males bring most of the material for the nests and females build the nests. Nests are platforms or shallow bowls often with protruding green leafy twigs. Nest building and mating usually lasts three days. Immediately following mating, cattle egrets begin to lose their breeding colours.\"

Nutrition
Cattle egrets (*Bubulcus ibis*) are opportunistic feeders and typically forage in flocks often associated with grazing animals and pick off parasites on the large herbivores. They may also follow tractors or lawnmowers waiting for insects and other prey items that are flushed out. They feed mostly on relatively large insects, especially grasshoppers, crickets, flies and moths as well as spiders, frogs, crayfish, earthworms, snakes and rarely also fish, birds eggs and even nestling birds. *B. ibis* also scavenge for edible refuse in garbage dumps. Egrets will fly long distances to catch insects trying to escape fire (Cornell Lab of Ornithology, 2003; and GSMFC, 2005).

General Impacts
Cattle egrets are able to thrive in areas densly populated by other species, and this makes them potentially able to over-crowd and out-comepete native birds for nesting areas. A number of articles point out however, that cattle egrets seem to have little or no impact on native bird species they live with. They are known to nest next to and amongst native birds with little or no observable conflict occuring, and because their nesting time is after native Herons, this further reduces threat of competition. Lastly, their diet, which is mostly insects and land invertebrates, does not overlap with native Heron's diets, which are fish and aquatic invertebrates. (GSMFC, 2005)

Principal source: Gulf States Marine Fisheries Commission (GSFMC), 2005 *Bubulcus ibis* (Linnaeus, 1758)
Cornell Lab of Ornithology, 2003 *Cattle Egret*

Compiler: National Biological Information Infrastructure (NBII) & IUCN/SSC Invasive Species Specialist Group (ISSG)

Review: Expert review underway: Michel Gauthier-Clerc, Station Biologique de la Tour Du Valat France

Pubblication date: 2008-09-27

ALIEN RANGE

[2] ANTARCTICA
[1] ARUBA
[1] BAHAMAS
[1] BES ISLANDS (BONAIRE, SINT EUSTATIUS AND SABA)
[2] CANADA
[1] COLOMBIA
[2] ARGENTINA
[1] AUSTRALIA
[1] BARBADOS
[1] BRAZIL
[1] CHILE
[1] CUBA

[1] DOMINICAN REPUBLIC
[1] FALKLAND ISLANDS (MALVINAS)
[1] GUAM
[1] INDONESIA
[1] MEXICO
[1] PANAMA
[1] PHILIPPINES
[1] SAINT LUCIA
[1] SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS
[1] TURKS AND CAICOS ISLANDS
[1] VIRGIN ISLANDS, U.S.

[1] EL SALVADOR
[1] GEORGIA
[1] GUATEMALA
[1] MADAGASCAR
[12] NEW ZEALAND
[1] PERU
[1] PUERTO RICO
[1] SOUTH AMERICA
[1] TAIWAN

[18] UNITED STATES

Red List assessed species 6: CR = 1; EN = 1; VU = 2; LC = 2;

Anas wyvilliana **VU**
Fulica alai **VU**
Pterodroma sandwichensis **EN**
Euprepis atlanticus **LC**
Onychoprion fuscatus **LC**
Puffinus auricularis newelli **CR**

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Invasive species - birds is available from: http://www.conabio.gob.mx/invasoras/index.php/Especies_invasoras_-_Aves [Accessed 30 July 2008]
Spanish:
La lista de especies del Sistema de información sobre especies invasoras de México cuenta actualmente con información aceca de nombre cientifico, familia, grupo y nombre comun, asì como habitat, estado de la invasión en México, rutas de introducción y ligas a otros sitios especializados. Algunas de las especies de mayor riesgo ya tienen una liga directa a la pagina de alertas. Es importante resaltar que estas listas se encuentran en constante proceso de actualización, por favor consulte la portada (http://www.conabio.gob.mx/invasoras/index.php/Portada), en la sección novedades, para conocer los cambios.
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