

Seabird Breeding Atlas of the Lesser Antilles: Uncovering the Secrets of Avian Life in the Caribbean

SOOTY TERN

Figure 15. Distribution of Sooty Tern breeding pairs in the Lesser Antilles, based on field surveys conducted between 1998 and 2000.

(Photo courtesy of the US Fish and Wildlife Service)

however, will return to natal colonies several years before breeding (Harrington, 1974). Adults will relay if an egg or chick is lost and have been reported to abandon eggs and relay several times in poor food years, greatly extending the nesting season (Saliva, 2000).

SURVEY METHODS
 Due to the size of the colonies, the population estimates were usually derived from land-based surveys using ground sample plots. When this was not possible, the total maximum number of individual birds perched and flying was obtained.

DATA ANALYSIS
 It was not possible to produce a k-value during the Atlas surveys, so the k-value was derived from research undertaken by Harrington on Johnston Atoll, southwest of Hawaii (Harrington, 1974) where all birds were actively flushed and all nests counted. A ratio of 3.16 individuals to one nest was established, due to the number of non-brooding birds present in the colony. This ratio was applied to the Atlas as the minimum number of breeding pairs, with the maximum number of breeding pairs based on the number of individuals counted (as it was often not possible to flush all birds). The population estimate was the mean of the minimum and maximum number of breeding pairs.

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Seabird Breeding Atlas of the Lesser Antilles by Tony Bertaut

★★★★★ 5 out of 5

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Text-to-Speech	: Enabled
Enhanced typesetting	: Enabled
Print length	: 224 pages
Lending	: Enabled
Screen Reader	: Supported



Welcome to the Seabird Breeding Atlas of the Lesser Antilles, a comprehensive guide to the breeding habits, distribution, and conservation status of seabirds in this captivating Caribbean region. Through meticulous research and extensive fieldwork, this atlas offers an unparalleled insight into the avian diversity that graces the shores and skies of the Lesser Antilles.

Exploring the Lesser Antilles

The Lesser Antilles, a chain of islands stretching from the Virgin Islands to Grenada, are renowned for their vibrant marine ecosystems and diverse birdlife. This region harbors an array of seabird species, including iconic boobies, terns, and frigatebirds. The atlas provides detailed maps and descriptions of each island, highlighting key breeding sites and the seabirds that inhabit them.

Breeding Habits and Distribution

The Seabird Breeding Atlas unveils the intricate breeding behaviors of the region's seabirds. Discover the timing and duration of breeding seasons, clutch sizes, and nesting preferences. Through extensive surveys, the atlas identifies the specific islands and habitats that support the highest densities of breeding seabirds.

Conservation Challenges and Successes

The Lesser Antilles face various conservation challenges that impact seabird populations. The atlas addresses threats such as habitat loss, invasive species, and human disturbance. It also highlights conservation initiatives and successful recovery programs that aim to protect and restore seabird colonies.

Importance for Science and Conservation

The Seabird Breeding Atlas of the Lesser Antilles serves as a vital resource for scientists, conservationists, and bird enthusiasts. The data presented in the atlas provides a baseline for understanding the current status of seabird populations and can guide future conservation efforts. By monitoring changes in breeding patterns over time, researchers can identify trends and assess the effectiveness of conservation measures.

Embark on an ornithological adventure with the Seabird Breeding Atlas of the Lesser Antilles. Delve into the fascinating world of seabirds as you explore their breeding habits, distribution, and conservation status. This atlas is an invaluable tool for anyone interested in the avian biodiversity of the Caribbean and beyond.

Free Download your copy of the Seabird Breeding Atlas of the Lesser Antilles today and uncover the secrets of these remarkable birds.

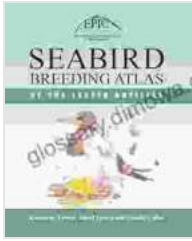
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