

GLOBAL INVASIVE SPECIES DATABASE

FULL ACCOUNT FOR: Anolis trinitatis

Anolis trinitatis System: Terrestrial

Kingdom	Phylum	Class	Order	Family
Animalia	Chordata	Reptilia		Polychrotidae

Common name Trinidad anole (English), Saint Vincent's bush anole (English)

Synonym Anolis vincenti , Garman, 1887

Anolis trinitatis, Schwartz & Henderson, 1991 Anolis trinitatus, [sic] Creer et al., 2001 Anolis trinitatus, [sic] Nicholson et al., 2005

Similar species

Summary St. Vincent's bush anole, *Anolis trinitatis* has been introduced and established

on Trinidad since the early 1800's along with the similar and also introduced bronze anole <u>A. aeneus</u>. Anolis trinitatis is less widespread and common than *A. aeneus*. While this was once thought to be due to competition and

hybridisation, it is now thought to be due to the requirement of A. trinitatis for

well-vegetated habitat and increasing levels of urban development.

view this species on IUCN Red List

Species Description

Anolis trinitatis is ecologically ubiquitous (Hite et al., 2008; in Hailey et al., 2009). It is variable in colour in its native range. Males can grow up to 74 mm from snout to vent (Hailey et al., 2009). Introduced individuals on Trinidad are almost always bright green implying that the original population were from well-vegetated areas; the reduction in genetic variability within this population was also documented by Gorman et al. (1978). A requirement for well-vegetated areas and increasing urban development have been hypothesised to be responsible for the now limited distribution and abundance of A. trinitatis on Trinidad (Hailey, et al., 2009).

Notes

Introduced populations of *Anolis trinitatis* on Trinidad were only recognised as a separate species from the introduced bronze anole (*A. aeneus*) in the 1950's (Kenny and Quesnel, 1959; in Hailey *et al.*, 2009). Other introduced anoles on Trinidad include Watt's anole (*A. wattsi*) and the Barbados anole (*A. extremus*) the presence of which has not been reported since 1982 (Hailey *et al.*, 2009).

Habitat Description

Although noted as ecologically ubiquitous in its native range, the decline of *Anolis trinitatis* on Trinidad has been hypothesised to be due to a requirement for well vegetated areas and an increase in urban development (Hailey *et al.*, 2009).

Principal source:

Compiler: IUCN SSC Invasive Species Specialist Group (ISSG) with support from the Overseas Territories Environmental Programme (OTEP) project XOT603, a joint project with the Cayman Islands Government - Department of Environment



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Review:

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ALIEN RANGE

[1] TRINIDAD AND TOBAGO

[1] VENEZUELA

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9 references found for Anolis trinitatis

Managment information

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Summary: This compilation of information sources can be sorted on keywords for example: Baits & Lures, Non Target Species, Eradication, Monitoring, Risk Assessment, Weeds, Herbicides etc. This compilation is at present in Excel format, this will be web-enabled as a searchable database shortly. This version of the database has been developed by the IUCN SSC ISSG as part of an Overseas Territories Environmental Programme funded project XOT603 in partnership with the Cayman Islands Government - Department of Environment. The compilation is a work under progress, the ISSG will manage, maintain and enhance the database with current and newly published information, reports, journal articles etc.

General information

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