

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 *A. aeneus*. *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. watti*) 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



GLOBAL INVASIVE SPECIES DATABASE

FULL ACCOUNT FOR: *Anolis trinitatis*

Review:

Publication date: 2010-06-29

ALIEN RANGE

[1] TRINIDAD AND TOBAGO

[1] VENEZUELA

BIBLIOGRAPHY

9 references found for *Anolis trinitatis*

Management information

[Horn, Scott; Hanula, James L. 2006. Burlap bands as a sampling technique for green anoles \(*Anolis carolinensis*\) and other reptiles commonly found on tree boles. *Herpetological Review*. 37\(4\). DEC 2006. 427-428](#)

Summary: Available from: http://www.srs.fs.usda.gov/pubs/ja/ja_horn011.pdf [Accessed 2 July 2010]

[IUCN/SSC Invasive Species Specialist Group \(ISSG\), 2010. A Compilation of Information Sources for Conservation Managers.](#)

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

[Donoso-Barros, R. 1968. The Lizards of Venezuela Check List and Key. *Carib. J. Sci.* 8 \(3-4\). Sept.-Dec. 1968.](#)

Summary: Available from: <http://academic.uprm.edu/publications/cjs/VOL08/P105-122.PDF> [Accessed 22 June 2010]

Gorman, George C.; Paul Licht; Herbert C. Dessauer and Julius O. Boos, 1971. Reproductive Failure Among the Hybridizing *Anolis* Lizards of Trinidad. *Systematic Zoology*, Vol. 20, No. 1 (Mar., 1971), pp. 1-18

Gorman, George C., Y. J. Kim, S. Y. Yang, 1978. The Genetics of Colonization: Loss of Variability among Introduced Populations of *Anolis* Lizards (Reptilia, Lacertilia, Iguanidae). *Journal of Herpetology*, Vol. 12, No. 1 (Feb. 27, 1978), pp. 47-51

Hailey, Adrian; Victor C. Quesnel and Hans E.A. Boos, 2009. The persistence of *Anolis trinitatis* as a naturalized lizard in Trinidad against hybridization pressure with *Anolis aeneus*. *Applied Herpetology* 6 (2009) 275-294.

[Reptiles Database, 2010. *Anolis trinitatis* Reinhardt & Lutken, 1862](#)

Summary: Available from: <http://reptile-database.reptarium.cz/species.php?genus=Anolis&species=trinitatis> [Accessed September 8 2010]

Strong, D., B. Leatherman, and B.H. Brattstrom. 1993. Two new methods for catching small fast lizards. *Herpetological Review* 24:22-23.

White, G.L. & Adrian Hailey, 2006. The establishment of *Anolis watsi* as a naturalized exotic lizard in Trinidad. *Applied Herpetology* 3: 11-26