



INTRODUCED SPECIES

The Statia Bank Tree Anole (*Anolis bimaculatus*) on Dominica, Lesser Antilles

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On 4 December 2011, Quarantine Officer Gwandoyah James intercepted two anoles on a container at the Woodbridge Bay Port at Fond Cole in Dominica. The consignment of heavy equipment had originated in St. Christopher (= St. Kitts), another Lesser Antillean island



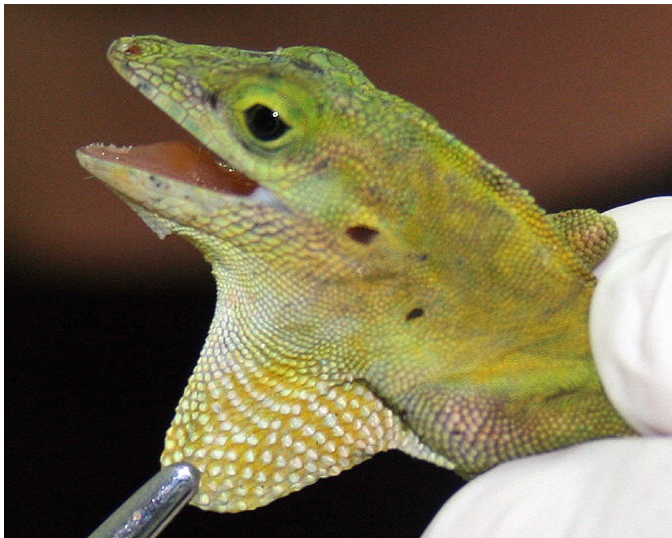
These adult male *Anolis bimaculatus* were intercepted at the Woodbridge Bay Port (Dominica) on 4 December 2011 in a shipment of heavy equipment originating on St. Christopher (= St. Kitts). Photograph by A. James.



The smaller of the two male *Anolis bimaculatus* intercepted at the Woodbridge Bay Port (Dominica) on 4 December 2011. Photograph by A. James.

approximately 270 km northwest of Dominica. The lizards, both males, were identified from photographs as *Anolis bimaculatus* by R. Powell. The larger individual had a snout-vent length (SVL) of ~77 mm and total length (TL) of ~215 mm. The SVL of the smaller lizard was ~58 mm and TL was 150 mm. Both lizards have been preserved and are being held at the Forestry, Wildlife & Parks Division in Roseau. A photographic voucher is deposited in the Milwaukee Public Museum (MPM Herpetology P762).

Anolis bimaculatus is endemic to the Statia Bank, which consists of St. Eustatius (Statia), St. Christopher (St. Kitts), and Nevis. An adult female was previously observed and photographed by Gwandoyah James at the Woodbridge Bay Port in March 2008 (Powell et al. 2011), but was not seen after a short interval. Elsewhere, an introduced population of *A. bimaculatus* onto St. Maarten (Powell et al. 1992), presumably from St. Eustatius, apparently failed (Powell et al. 2005, 2011).



The dewlap of the smaller of the two male *Anolis bimaculatus* intercepted at the Woodbridge Bay Port (Dominica). Photograph by Lynessa Gordon, assisted by Ben Tapley.

Acknowledgements

We thank Lynessa Gordon and Chad Zamore at the Plant Quarantine & Protection Services (PP&QS) for caring for the lizards while at the PP&QS, and Ben Tapley, on volunteer assignment with the Forestry, Wildlife & Parks Division, for facilitating the photographing of the lizard's throat fan.

Literature Cited

- Powell, R., R.J. Passaro, and R.W. Henderson. 1992. Noteworthy herpetological records from Saint [sic] Maarten, Netherlands Antilles. *Caribbean Journal of Science* 28:234–235.
- Powell, R., R.W. Henderson, and J.S. Parmerlee, Jr. 2005. *Reptiles and Amphibians of the Dutch Caribbean: St. Eustatius, Saba, and St. Maarten*. St. Eustatius National Parks Foundation, Gallows Bay, St. Eustatius, Netherlands Antilles.
- Powell, R., R.W. Henderson, M.C. Farmer, M. Breuil, A.C. Echternacht, G. van Buurt, C.M. Romagosa, and G. Perry. 2011. Introduced amphibians and reptiles in the Greater Caribbean: Patterns and conservation implications, pp. 63–143. In: A. Hailey, B.S. Wilson, and J.A. Horrocks (eds.), *Conservation of Caribbean Island Herpetofaunas. Volume 1: Conservation Biology and the Wider Caribbean*. Brill, Leiden, The Netherlands.



An adult female *Anolis bimaculatus* was previously observed and photographed at the Woodbridge Bay Port in March 2008. Photograph by G. James.