



First Report of Cannibalism in the Saba Anole (*Anolis sabanus*), with a Review of Cannibalism in West Indian Anoles

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At midday on 17 October 2014 at the Ecolodge on Saba (17°37'47"N, 63°13'52"W; elev. 397 m), we observed an adult male Saba Anole (*Anolis sabanus*) with a conspecific juvenile in its mouth (Fig. 1). When first seen, the juvenile was still alive, but it showed no signs of life as the adult carried it away after being disturbed by our presence. We did not observe ingestion. This is the first report of cannibalism in this species. Cannibalism is not uncommon in West Indian anoles (Gerber 1999, Henderson and Powell 2009), with 18 (now 19) species known to eat conspecifics (Table 1).



Fig. 1. Adult male Saba Anole (*Anolis sabanus*) preying on a conspecific juvenile. Photograph by Adam Watkins.

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Table 1. Records of cannibalism by West Indian anoles (*Anolis*).

Species and island(s)	References
<i>A. aeneus</i> (Grenada)	Stamps 1983
<i>A. bartschi</i> (Cuba)	Holanova and Hribal 2004
<i>A. bimaculatus</i> (St. Christopher Bank)	Fläschendräger and Wijffels 1996, 2009; Powell et al. 2005
<i>A. chlorocyanus</i> (Hispaniola)	Bowersox et al. 1994
<i>A. conspersus</i> (Grand Cayman)	Schoener 1967, Gerber and Echternacht 2000
<i>A. cristatellus</i> (Puerto Rico Bank, Hispaniola)	Wolcott 1923, MacLean 1982, Fitch et al. 1989
<i>A. cybotes</i> (Hispaniola)	Fitch and Henderson 1987, Fitch 2003
<i>A. evermanni</i> (Puerto Rico)	Wolcott 1923; Schmidt 1920, 1928
<i>A. homolechis</i> (Cuba)	Rodríguez Schettino 1999b
<i>A. imias</i> (Cuba)	Rodríguez in Martínez Reyes and Rodríguez Schettino 1987, González Bermudez in Rodríguez Schettino 1999a
<i>A. lineatopus</i> (Jamaica)	Rand 1967
<i>A. lucius</i> (Cuba)	Rodríguez Schettino and Martínez Reyes 1994, Rodríguez Schettino 1999b
<i>A. marmoratus</i> (Guadeloupe)	Breuil 2002
<i>A. porcatius</i> (Cuba)	Alayón García in Socarrás et al. 1988
<i>A. roquet</i> (Martinique)	Schoener and Gorman 1968
<i>A. sabanus</i> (Saba)	this report
<i>A. sagrei</i> (Cuba, Grand Cayman)	Lister 1976, Cochran 1989, Gerber and Echternacht 2000
<i>A. valencienni</i> (Jamaica)	Hicks and Trivers 1983
<i>A. whitemani</i> (Hispaniola)	Carr et al. 1989

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