and distance to the edge of the river. All data are presented in Table 1.

Temperature of each oviposition site's substrate was measured during peak *A. aquaticus* activity hours (ca. 1000–1600 h) with an IR thermometer within 1 cm of the egg's location. Average substrate temperature of the 10 oviposition sites was 19.58°C (± 1.24 SE). During the same field season at these sites, we also recorded substrate temperatures of 413 *A. aquaticus* capture locations, which had an average temperature of 20.38°C (± 1.83 SE). Variation in oviposition site substrate temperature (ranging only 3.6°C) was smaller than that of perch sites (ranging 18.6°C).

The sole previous study on *A. aquaticus* reproduction incidentally notes that eggs were found exclusively in crevices in which they were in contact with small permanent springs, which was proposed as a strategy for avoiding desiccation (Márquez and Márquez 2009. Bol. Técnico Ser. Zool. 8:50–73). No additional details about *A. aquaticus* oviposition site characteristics are reported by Márquez and Márquez (2009, *op. cit.*). In our survey, only one of the 10 oviposition sites that we found was fed by a small spring (Fig. 1B). At our sites, high humidity within crevices (usually > 90%) might negate the need for direct contact with water and reduce the related risk of eggs being washed away at times of high water flow. Streams at our sites are wider (ca. 2–8 m wide) than the site described in Márquez and Márquez (2009, *op. cit.*) (1 m maximum width) and also experience occasional flooding. Despite their small range of this species, it is possible that *A. aquaticus* populations vary substantially in preferred oviposition sites given the relatively large differences in stream site characteristics (e.g., humidity, temperature, and stream width and flow) among populations.

LINDSEY SWIERK, Department of Biological Sciences, Binghamton University, State University of New York, Binghamton, New York, USA (e-mail: lindseyns@gmail.com); **AUSTIN CARRIERE**, Department of Biology, University of Oklahoma, Norman, Oklahoma, USA; **MAEGAN DELFIN,** College of Natural and Applied Sciences, University of Guam, Mangilao, Guam, USA; **ANDREA FONDREN**, College of Agriculture and Sciences, Iowa State University, Ames, Iowa, USA; **DIANA LOPERA**, School of Ocean and Earth Science and Technology, University of Hawaii at Mānoa, Honolulu, Hawaii, USA; **BREANNA J. PUTMAN**, Section of Herpetology, and Urban Nature Research Center, Natural History Museum of Los Angeles County, Los Angeles, California, USA.

***ANOLIS CRISTATELLUS* (Puerto Rican Crested Anole) and *ANOLIS SAGREI* (Brown Anole). INTERSPECIFIC MATING.** Biological invasions bring species separated by evolutionary time into contact in novel environments. Co-occurence can result in interspecific courtship and mating leading to sexual interference that potentially mediates outcomes of novel species interactions (Dame and Petren 2006. Anim. Behav. 71:1165–1173). Southern Florida, USA hosts numerous non-native lizard species including anoles. *Anolis cristatellus* was introduced from Puerto Rico to southern Florida in the 1970s where it competes with *A. sagrei*, which was introduced to Florida from Cuba and the Bahamas (Kolbe et al. 2007. Conserv. Biol. 21:1612–1625). Interspecific mating has been observed in *Anolis* previously, including between a native and invasive species (Sater and Smith 2018. Herpetol. Rev. 49:114–115).

At 1750 h on 9 May 2018, I observed a male *A. cristatellus* pursuing and mating with a female *A. sagrei* at Montgomery Botanical Center in Miami-Dade County, Florida (25.66042°N, 80.28233°W; WGS 84; Fig. 1). Copulation lasted 3–4 minutes. To my knowledge, this is the first observation of interspecies mating between *A. cristatellus* and *A. sagrei*.

FIG. 1. Male *Anolis cristatellus* mating with female *Anolis sagrei* in Miami-Dade County, Florida, USA.

Both individuals had previously been captured at the site and given unique beadtags (visible in Fig. 1). The male *A. cristatellus* had an SVL = 47 mm, and the female *A. sagrei* had an SVL = 42 mm (both individuals measured two weeks prior to this observation). The male *A. cristatellus* was smaller than many other males present at this site. A nearby larger male *A. cristatellus* did not continue pursuit of the smaller male (interaction visible in video of the encounter available at: https://youtu.be/uENAPjdQhUg) after it began mating with the *A. sagrei*. It is possible that interspecific mating might allow smaller males to mate within territories of more dominant males with less danger of provoking territorial defense. Three other species of anoles are present at the site, including the native *A. carolinensis* and invasive *A. distichus* and *A. equestris*, raising the possibility of sexual interference between multiple species of anoles in this area. Given the evolutionary distinctness of these species (Poe et al. 2017. Syst. Biol. 66:663–697.), however, successful hybridization is unlikely.

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CHRISTOPHER J. THAWLEY, Department of Biological Sciences, 120 Flagg Road, University of Rhode Island, Kingston, Rhode Island 02881, USA; e-mail: cthawley@gmail.com.

***ANOLIS SAGREI* (Brown Anole). PREDATION.** *Anolis sagrei* is native to Cuba and the Bahamas, and has been introduced to areas of the Pacific, Caribbean, and southeastern United States, including Texas and Florida (Kolbe et al. 2007. Mol. Ecol. 16:1579–1591). Across its native range, *A. sagrei* has many avian predators, including passerines (Henderson and Powell 2009. Natural History of West Indian Reptiles and Amphibians. University Press of Florida, Gainesville, Florida. 520 pp.). However, the extent of avian predation on *A. sagrei* in its non-native range is less known. Here we report observations of Loggerhead Shrike (*Lanius ludovicianus*) predation on *A. sagrei* in its non-native range (Texas and Florida, USA).

The Loggerhead Shrike is a passerine native to North America and is known to create "larders" of smaller vertebrate and invertebrate prey items by impaling them on natural and