

10.2 to 21.6%, depending on season (Platt et al. 2010, *op. cit.*). In Southeast Asia where anthropogenic burning is common during the dry season (Mitchell et al., *op. cit.*), fire-related mortality has been documented in *Geochelone platynota* (Platt et al. 2003, *op. cit.*), *Indotestudo elongata* (Thirakhupt and van Dijk, *op. cit.*), *I. forstenii* (Platt et al. 2001, *Chelon. Conserv. Biol.* 4:154–159), and *Melanochelys trijuga* (Mitchell and Rhodin 1996, *Chelon. Conserv. Biol.* 2:66–72). Although reports of fire-caused mortality appear lacking for *M. emys*, the extent of fire scarring we observed in one individual suggests that such injuries at least occasionally result in death. Because the ability of turtle populations to withstand even moderate levels of increased mortality among larger size classes is doubtful (Congdon et al. 1993, *Conserv. Biol.* 7:826–833; Congdon et al. 1994, *Amer. Zool.* 34:397–408), mortality due to anthropogenic burning together with over-harvesting and habitat destruction potentially threatens the continued survival of *M. emys* in Myanmar.

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**STERNOTHERUS ODORATUS (Eastern Musk Turtle). FORAGING AND DIET.** Eastern Musk Turtles are known omnivores, eating a variety of both live and dead animal prey, from beetles to tadpoles and fish, as well as algae and fleshy-leaved plants and fruits (Ernst and Lovich 2009, *Turtles of the United States and Canada*, 2<sup>nd</sup> edition, Johns Hopkins Press, Baltimore, Maryland, 827 pp.). Seeds of many *Pinus* species are eaten by game birds, rabbits, squirrels, and chipmunks, as well as by coyotes and black bears (Petrides 1986, *A Field Guide to Trees and Shrubs*, 2<sup>nd</sup> edition, Houghton Mifflin Co., Boston, Massachusetts, 464 pp.). To the best of our knowledge, herein we document the first report of an Eastern Musk Turtle consuming seeds from a pine tree.

On 21 October 2014 at 1448 h we observed a young adult Eastern Musk Turtle of unknown sex swimming at the surface of a small pond on Charlie Elliott Wildlife Center, 6.7 km S of Mansfield, Jasper Co., Georgia USA (3.45868°N; 83.72326°W; WGS 84). The turtle began to actively chase after and consume the drifting Loblolly Pine (*Pinus taeda*) seeds that were floating at the surface. The turtle approached each seed from below and grabbed it with its jaws, wresting it from the papery samara that allowed the seed to float. The turtle then slowly sank down to the pond bottom where it appeared to crush the seed before swallowing. In this manner the turtle was observed to consume

approximately a dozen seeds over the course of three or four minutes.

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**TERRAPENE CAROLINA (Eastern Box Turtle). DIET.** *Terrapene carolina* consumes a variety of food including insects, plants, and fungi (Strang 1983, *J. Herpetol.* 17:43–47). Mushrooms have been noted as a common source of food (Stickel 1950, *Ecol. Monogr.* 4:351–378); however, most published investigations on *T. carolina* consumption of mushrooms fail to identify the mushroom species. The few mushroom species noted in publications include *Russula* spp., *Leccinum scaber*, *Amanita vaginata*, and *Cyathus striatus* (Nichols 1917, *Copeia* 46:66–88; Dodd 2002, *North American Box Turtles: A Natural History*, University of Oklahoma Press, Oklahoma, 231 pp.). On 15 July 2014, an adult female *T. carolina* was found consuming a large Bicolored Bolete mushroom (*Boletus bicolor*) in Madison Co., Kentucky, USA (37.57252°N, 84.22002°E, WGS84; elev. 262 m). *Boletus bicolor* is a non-toxic mushroom that is found in eastern North America and is hosted by the Northern Red Oak (*Quercus rubra*) (Homola and Mistretta 1977, *Maine Agric. Exp. Sta. Bull.* No. 735). We believe this represents the first documented case of *B. bicolor* being consumed by *T. carolina*.

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## CROCODYLIA — CROCODILIANS

**CROCODYLUS ACUTUS (American Crocodile). DIET.** Crocodilians are considered opportunistic hunters due to their consumption of a wide variety of prey items (Magnusson et al. 1987, *J. Herpetol.* 21:85–95). Platt et al. (2013, *J. Herpetol.* 47:1–10) reported the diet of *Crocodylus acutus* in coastal Belize includes insects, birds, amphibians, reptiles, fish, mollusks, and crustaceans (see also Villegas and Schmitter-Soto 2008, *Acta Zool. Mex.* 24:117–124). Several species of crocodilians, including *C. acutus*, also deliberately ingest fruits (Platt et al. 2013, *J. Zool.* 291:87–99). Neonates are opportunistic predators (Platt et al. 2002, *Herpetol. Rev.* 33:202–203) and are largely insectivores (Davenport 2013, *Treat. Est. Coast. Sci.* 6:227–249), but also eat crustaceans and small fish (Mazzotti 1983, PhD diss. Pennsylvania State University, 161 pp.). Magnusson et al. (1987, *J. Herpetol.* 21:85–95) reported that Amazonian crocodilians consume isopods, and Platt (2013, *J. Herpetol.* 47:1–10) revealed that *C. acutus* in Belize also consume isopods; however, neither identified this prey item to genus. Here we report the first confirmed evidence of a hatchling *C. acutus* consuming a crustacean from the order Isopoda within the genus *Ligia*.

While collecting data for an ongoing *C. acutus* ecology study on 9 August 2013 at approximately 2115 h, a hatchling *C. acutus* was captured in coastal mangrove habitat of Florida Bay, Everglades National Park, Florida, USA (25.1749°N, 80.6433°W). The hatchling was feeding on a small isopod of the genus *Ligia* (Fig. 1) while researchers collected morphometric data. After