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Corrigendum: Do freshwater turtles use rainfall to increase nest success?

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A corrigendum on

Do freshwater turtles use rainfall to increase nest success?

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In the published article, there was an error in [Table 5](#) as published. In the Comments column for Dawson et al., 2014, we wrote “Shows lack of effect of rain before nest construction; relevant rainfall amounts not reported”. This was incorrect. The revised Comment reads as follows:

“Red foxes may use a wider array of nest location cues than some other predators; relevant rainfall amounts not reported”.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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TABLE 5 Papers suggesting freshwater turtle nest survival is not enhanced by rainfall.

Citations	Turtle species	Mammalian predator species	Temporal association with rain	Comments
Wilhoft et al., 1979	Artificial nests	<i>Procyon lotor</i>	Artificial nest excavation spiked after 0.73 cm of rainfall	Proposed that this small amount of rainfall was not enough to significantly reduce nest location cues
Congdon et al., 1983	<i>Emydoidea blandingii</i>	<i>Procyon lotor</i> , <i>Vulpes vulpes</i>	Noted late-season nest predation during or soon after rainfall	Relevant rainfall amounts not reported; does not refer to newly constructed turtle nests
Congdon et al., 1987	<i>Chelydra serpentina</i>	<i>Procyon lotor</i> , <i>Vulpes vulpes</i>	Noted predation on nests older than 6 days during or soon after rainfall	Relevant rainfall amounts not reported; noted that <i>Vulpes</i> were responsible for most nest depredation after 7 days
Brooks et al., 1992	<i>Glyptemys insculpta</i>	unspecified	Only nest predation was on late-season nests in a week in which rain occurred	Predators involved and relevant rainfall amounts not reported; does not refer to newly constructed turtle nests
Spencer, 2002	<i>Emydura macquarii</i>	<i>Vulpes vulpes</i>	Rainfall concurrent with nest construction did not influence nest predation risk	Red foxes may have heightened sensory abilities and use a wider array of nest location cues than some other predators
Wirsing et al., 2012	<i>Chelydra serpentina</i> , <i>Chrysemys picta</i>	mostly <i>Procyon lotor</i>	Rainfall presence/absence or amount did not significantly affect nest predation rates	Relevant rainfall amounts and within-day timing relative to nest construction and predation not assessed/reported
Schwanz et al., 2010	<i>Chrysemys picta</i>	<i>Procyon lotor</i>	May and June rainfall totals were not correlated with annual nest predation rates	Temporal relationships of nest construction, precipitation, and predator encounters were not assessed
Dawson et al., 2014	Artificial nests	<i>Vulpes vulpes</i>	Number of artificial nests excavated in a day was not significantly correlated with amount of rain in the preceding 24 hours or 7 days	Red foxes may use a wider array of nest location cues than some other predators; relevant rainfall amounts not reported
Buzuleciu et al., 2016	Artificial nests	<i>Procyon lotor</i>	2 cm of water applied to artificial nests did not reduce excavation rates	Treatment application was localized to the nest level, not over the larger areas that would be affected during natural rainfall
Bougie et al., 2020	<i>Glyptemys insculpta</i>	<i>Procyon lotor</i> , <i>Mephitis mephitis</i>	Rainfall on the day of nesting did not affect nest predation rates	Relevant rainfall amounts and within-day timing relative to nest construction not assessed/reported