Tick-tock, racing the clock: Parasitism is associated with decreased sprint performance in the Eastern Fence Lizard

Kristoffer H. Wild^{1,2} & C.M. Gienger²

6 1. School of BioSciences, The University of Melbourne, Parkville, Victoria, Australia

7 2. Department of Biology and Center of Excellence for Field Biology, Austin Peay State

8 University, USA

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Abstract:

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Host-parasite relationships are important components of ecological systems that influence the evolution of both hosts and parasites. High levels of ectoparasitic infections can disrupt host homeostasis, causing adverse effects on health and performance. However, the effects of natural ectoparasitic levels on host physiology are less understood, with most research designs implementing experimental or hormonal manipulations of hosts. In this study, we examined the interplay between tick parasitism and host characteristics on body condition and locomotor performance in Eastern fence lizards in natural settings. We found a higher frequency of tick infections in male lizards relative to females, with larger males being more likely to experience tick infection. Infected lizards had reduced locomotor performance. Together this appears to be an energetic trade-off between increased immune function and reduced locomotor performance, which is consistent with the immunocompetence-handicap hypothesis. Higher numbers of ticks on adult male lizards may be explained by age as well as the immunosuppressive effects of testosterone. Tick infection did not appear to reduce overall body condition of lizard hosts. Our findings shed light on the interplay between ectoparasitic infection, host characteristics, and locomotor performance under natural conditions. Such insights are crucial for understanding host-parasite dynamics and determining the trade-offs for hosts within ecological contexts.

Key words: immunocompetence-handicap hypothesis; sex; body size; locomotor performance; tick prevalence.

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1 Introduction:

Host-parasite relationships are a fundamental aspect of ecological systems and are shaped by the co-evolutionary trajectories of both hosts and parasites (Anderson & May, 1982; Minchella & Scott, 1991). Parasites exploit resources from their host and have the potential to disrupt behaviour and physiological function, which can ultimately compromise health, influencing survival and reproduction (Gordon, 1982; Veiga et al., 1998; Moore, 2002; Finnerty, Shine, & Brown, 2018). Host responses to parasites can be nuanced and influenced by life history traits, such as reproductive strategies (Moore & Wilson, 2002) or hormonal fluctuations across different life stages (Foo et al., 2017), which may dictate the degree of physiological investment in parasite defense mechanisms. While these interactions are often critical, they do not always translate into measurable impacts on host fitness (Paterson & Blouin-Demers, 2000; Conrad et al., 2023). This complexity of host-parasite dynamics highlights the need to consider a wide array of biological factors and ecological contexts to fully understand their impact on fitness consequences on hosts through time.

A complex interplay of factors <u>determines</u> ectoparasite (tick, mites, fleas, or lice) prevalence, including host species, sex, age, health, environment, and habitat. Host sex can influence parasite prevalence through hormonal variations that may affect immune responses and susceptibility to infection (Moller, Christe, & Lux, 1999; Foo et al., 2017), Developmental processes can dictate host vulnerability across different life stages. For example, in organisms with longer lifespans, elements of the adaptive (acquired) immune system become more robust over time (Lochmiller & Deerenberg, 2000) with increasing exposure to pathogens, thus decreasing susceptibility to parasites (Boots & Bowers, 2004). Body condition, reflecting the host's overall health and nutritional status, can also be negatively impacted by parasitic infections as hosts use energy resources to fight infection rather than for other critical functions that benefit host fitness (Olsson et al., 2000; Amo, López, & Martín, 2007). Other factors such as food availability or reproductive behaviours, can also modulate an individual's susceptibility to parasites, further complicating the dynamics of parasitism (Moore & Wilson, 2002). Finally extrinsic mechanisms such as habitat modification, fire, and rainfall can facilitate the abundance of parasites, and in some cases facilitate disease prevalence associated with ectoparasites (Berger et al., 2014; Diuk-Wasser, Vanacker, & Fernandez, 2021; Gallagher et al., 2022), Understanding the interactions between parasites and their effects on hosts within their natural environments can offer insights into the tradeoffs that drive host defenses and parasite strategies.

Trade-offs between immune function and growth/reproduction are central to the Immunocompetence-Handicap Hypothesis (ICHH), which postulates that the expression of sexually selected traits, driven by hormones, can negatively impact the host's immune function, thereby increasing vulnerability to parasitism (Hamilton & Zuk, 1982; Folstad & Karter, 1992). Current literature indeed presents mixed support for ICHH, where meta-analyses suggest that administration of exogenous testosterone correlates with an increase in parasitism (Roberts et al., 2004; Foo et al., 2017), but this relationship does not consistently emerge in studies with unmanipulated animals (Foo et al., 2017). However, meta-analytic work has shown that support for ICHHH in reptiles is species-specific (Roberts, Buchanan, & Evans, 2004). In reptilian hosts, experimental manipulations have shown support for the ICHH, where testosterone reduces immunocompetence and increases the incidence or severity of parasitism (Olsson et al., 2000; Megía-Palma et al., 2021). In lizards, locomotor performance is a sexually selected trait (Husak & Fox, 2008) that is strongly influenced by testosterone levels (Klukowski, Jenkinson, & Nelson, 1998; Mills et al., 2008). Therefore, enhanced locomotor performance, driven in part by

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testosterone, may be accompanied by increased susceptibility to parasites such as ticks, resulting in a dynamic balance between sexual selection, performance, and survival. <u>However trade-offs</u> could occur with enhancement in locomotion, where increased mobility could increase the risk of parasite infestation with host mobility. (Wieczorek *et al.*, 2020; Barrientos & Megía-Palma, 2021).

Most studies investigating the influence of tick parasitism on health and performance have been from experimental manipulation of tick Joad on hosts (Pittman, Pollock, & Taylor, 2013; Megía-Palma, Martínez, & Merino, 2018; Lanser, Vredevoe, & Kolluru, 2021), or through hormonal manipulations (Olsson et al., 2000; Cox, Skelly, & John-Alder, 2005b; John-Alder et <u>al., 2009</u>, Under natural <u>settings</u>, <u>how host-parasite</u> relationship varies with factors such as sex and age is understood (Amo et al., 2007; Dudek et al., 2016; Pollock & John-Alder, 2020), but there is Jimited information on how ectoparasites such as ticks can directly influence physiological traits for hosts in situ (but see Megía-Palma et al., 2020). Here, we investigate how tick infection varies across sex and body size, and test whether locomotor performance or body condition is affected by parasitism in Eastern Fence Lizards (Sceloporus undulatus). This species has pronounced sex and ontogenetic differences in hormonal profiles, including corticosterone and testosterone (Cox et al., 2005a; John-Alder et al., 2009), and hormonal manipulations in wild males (exogenous testosterone-implants) have been shown to increase rates of tick infection (Klukowski & Nelson, 2001). In this study, we tested four key predictions for how hosts are affected by naturally occurring tick infection: (1) that male and female lizards will show different prevalence of ticks; (2) that larger body size will be associated with a higher likelihood of tick infection; (3) that tick-infected lizards will exhibit reduced locomotor performance; and (4) that tick infection will influence the Body Condition Index (BCI) of the lizards. These data will help us understand the complex interplay between tick parasitism, host characteristics, and locomotor performance, thereby shedding light on the dynamics of host-parasite interactions in natural settings.

2 Methods

Field research was conducted at Land Between the Lakes National Recreation Area in Kentucky (United States), where *Dermacentor variabilis* (American Dog Tick) and *Amblyomma americanum* (Lone Star Tick) are common ectoparasites of *S. undulatus*. From May - September of 2014 and 2015, adult *S. undulatus* were captured by hand or by noosing. Morphological characteristics, including the enlarged base of the tail, femoral pores, and ventral colouration, were used to determine sex John-Alder *et al.*, 2009). Snout-to-vent length (SVL), body mass, and hindlimb length were measured upon capture. Hindlimb length was defined as the greatest distance on the outstretched leg from the distal tip of the fourth toe to the point of insertion in the body wall. Lizards were measured to the nearest 0.1 mm for length and 0.25 g for mass. Capture locations were recorded with a handheld GPS (Garmin Fēnix® GPS). The number of ticks infecting each captured lizard was recorded in the field before each animal was placed in a cloth bag and transported to Hancock Biological Station (Murray, KY), where the ticks were recounted again before laboratory locomotor performance trials.

All locomotor performance trials were conducted within 24h of capture. Each lizard was placed individually into copper containers (repurposed autoclave pipette boxes; 4cm x 6cm x 25cm) and placed inside a lighted incubator (Percival I30-BLL) for 30 min. The incubator was maintained at 33°C (±1.0), the preferred temperature for *S. undulatus* (Angilletta, 2001), After 30min, each lizard was placed on a race track (2.4 x 0.2m) and encouraged to run by prodding with a soft-bristle paintbrush. Astroturf covered the race track floor, which was marked into

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25cm segments. Each trial was recorded at a rate of 35 frames s⁻¹ with a camera mounted 3m above the <u>center</u> of the race track. Lizards were raced three times, with trials separated by at least 30min for recovery. The quality of each sprinting trial was classified as "poor" or "good" (Van Berkum et al., 1989). A poor trial was defined as a pause or reversal run by a lizard, and a good trial was defined as a continuous run by the lizard. A minimum of two good trials were required for an individual to be included in the analyses (Van Berkum et al., 1989). Maximum sprint speed was defined as the single fastest 25cm interval of the trials, and maximum 2-meter run speed was the single fastest continuous 2-meter run of the trials. Videos were <u>analyzed</u> using Tracker Video Software (version 4.85; https://physlets.org/tracker/). Further details on video data collection can be found in <u>Wild and Gienger (2018)</u>. Lizards were then marked with a unique toe clip and released back at their location of capture within 24h of initial capture.

All statistical analyses were conducted using the R environment, ver. 4.2.0 (www.r.project.org), and significance was accepted at an α level of 0.05. We assessed the data for homogeneity of variances and normal distribution where relevant. If the data did not conform to these assumptions, we applied transformations to achieve approximate normality and variance homogeneity. For each sex, logistic regression was used to test if body size (SVL) predicted tick infection. Chi-square with Yates' correction was used to assess the independence of the prevalence of ticks observed between males and females while accounting for the total observations for each sex. Body condition index (BCI) was calculated from the residuals of an ordinary least squares linear regression of mass (g) on length (SVL) (Jakob, Marshall, & Uetz, 1996), and an Analysis of Variance was used to compare BCI measurements between uninfected lizards and infected lizards (> 1_tick). An Analysis of Covariance was used to compare individual performance measurements (maximum sprint speed and 2-meter run) between lizards infected and lizards uninfected with ticks. Hindlimb length was used as a covariate to remove the allometric effects of body size on performance (Wild & Gienger, 2018), Data, code, and additional resources are available at: https://github.com/kris-wild/Ticks Wild Gienger 2023.git. 3| Results

A total of 92 lizards were captured (females n = 38; males n = 54) during the 2014 and 2015 field seasons. There was a positive relationship between male body size, and the probability of tick infection ($F_{1,51} = 0.103$, p = 0.045), where larger males had a higher probability of tick infection than smaller males (Fig. 1A). For females, there was no relationship between body size and the probability of tick infection ($F_{1,37} = -0.008$, p = 0.928; Fig. 1B). The probability of tick infection was sex-specific, with the frequency of tick infection being more than two times higher in males (n = 20; 37%) than in females (n = 5; 13%). Sex differences in tick infection between males and females was significant $(x^2 = 9; df = 1; n = 92; p = 0.003)$. Due to the low infection frequency for females, they were not included in analysis for sprint performance. A total of 54 male lizards were used in locomotor performance analysis. The infection rate for males ranged from one to seven ticks per individual. Maximum sprint speed was higher in uninfected lizards (LS mean = 2.741m/sec, 95%CI: 2.62 - 2.86) in comparison to infected lizards (LS mean = 2.48m/sec, 95%CI: 2.32 - 2.64; $F_{2,51} = 16.12$; p = 0.016; Fig. 2a). Maximum 2-meter run speed was higher in uninfected lizards (LS mean = 1.942m/sec, 95%CI: 1.82 - 2.07) than in infected lizards (LS mean = 1.613m/sec, 95%CI: 1.45 - 1.78; $F_{2.51} = 15.01$; p = 0.003; Fig. 2b). There were no differences in body condition indices between uninfected and infected lizards (F_{2,51} = 0.025; p = 0.875).

4|Discussion

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Our study clearly demonstrates that lizards infected with ticks had lower locomotor performance than noninfected lizards, and that tick prevalence differed between sexes and increased with body size for male lizards. Specifically, there was a negative relationship between prevalence and two estimates of locomotor performance (maximum sprint speed & 2-meter run speed) for male Sceloporus undulatus. Our findings are congruent with predictions of the Immunocompetence Handicap Hypothesis (ICHH), with male lizards exhibiting a higher tick infestation rate than females, which may be indicative of the immunosuppressive effects of testosterone (Olsson et al., 2000; Roberts et al., 2004). While we did not directly measure immune function or testosterone levels, our results are supported by a body of literature that establishes an effect hormone level, immune function, and tick load have in age or sex in this species (Klukowski & Nelson, 2001; Cox et al., 2005b; John-Alder et al., 2009), Other physiological parameters, such as reduction in hematocrit levels, could explain the negative effect of locomotor performance from tick infestation (Dunlap & Mathies, 1993; Lanser et al., 2021). Together this suggests there may be a functional trade-off in parasitized hosts, which may be a product of immune function differences between sex and age, or direct physiological consequences from tick prevalence,

Male bias in parasite prevalence can be mediated by sex differences in hormone levels, has been documented in other lizards (Alleklint-Eisen & Eisen, 1999; Salkeld & Schwarzkopf, 2005; Václav, Prokop, & Fekiač, 2007), The sex-specific differences in endocrine systems and behaviours for *S. undulatus* (Klukowski & Nelson, 2001; Haenel, Smith, & John-Alder, 2003; Cox et al., 2005a), could provide a mechanism for our observed sex differences in tick prevalence. For example, male *S. undulatus* have higher testosterone levels (Cox et al., 2005a), move considerably more often, move over longer distances (Veiga et al., 1998; Belliure, Smith, & Sorci, 2004), and have larger home ranges than females (Haenel et al., 2003). Consequently, a combination of high testosterone and increased activity could increase exposure to parasites seeking hosts.

Differences in endocrine systems between juvenile and adult lizards play a significant role in variation in traits throughout ontogeny (Cox et al., 2005b; Miles et al., 2007; John-Alder et al., 2009), and not surprisingly, adult S. undulatus have higher testosterone than juveniles (Cox et al., 2005a). Studies using exogenous implants have shown positive effects of testosterone on male fitness by enhancing endurance, stimulating reproductive activity, expanding home-range areas to include more females, and ultimately giving higher reproductive success (John-Alder et al., 2009). However, high testosterone also imposes fitness costs by lowering resistance to parasitism, inhibiting growth, and reducing survival rates (Salvador et al., 1996; Klukowski & Nelson, 2001; John-Alder et al., 2009). Evidence across other taxa, birds, fishes, mammals, and insects - supports that immunocompetent males generally have higher success in mating and offspring production than immunocompromised males (Moller et al., 1999). Together our data indicate that trade-offs exist in male performance, where the effects of high testosterone levels potentially lead to increased sprint speed but also increased susceptibility to parasitic infection.

Indeed, the impact of ticks on whole-animal performance is an underexplored area in ecological studies (but see Main & Bull, 2000). We have shown that, even in small numbers, ticks may alter physiological function, resulting in lower performance. Parasitized lizards in this study ranged from one to seven ticks, with an average of three ticks on each infected lizard. A female tick (Amblyomma spp.) takes about 7 to 12 days to become fully engorged, extracting an average of 11mg of blood (Bullard et al., 2016). If blood makes up about 5-8% of a lizard's body

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mass (Prosser & Brown, 1961), then an average-sized lizard in our study (9.5g) could potentially lose 1-2% of blood for each engorged tick. This blood loss can have significant physiological consequences, including anemia, where a reduction of oxygen-carrying capacity could explain the lower levels of locomotor performance, such as sprint speed (Lehmann, 1993). Additionally a reduction in hematocrit levels associated with tick prevalence could provide as a mechanism for poor locomotor performance (Dunlap & Mathies, 1993; Lanser et al., 2021). In an experimental study of Sleepy Lizards (Tiliqua rugosa), Main and Bull (2000) allowed ticks to attach and engorge on lizard hosts, and those with ticks had a significant reduction in sprint and endurance performance than lizards with no ticks. Our results similarly reflect those findings, however, Tiliqua rugosa are large-bodied lizards (~650g) with relatively few predators as adults and rarely require sprinting to escape predators (Bull & Freake, 1999). In contrast, adult S. undulatus are considerably smaller and are frequently killed by fast-moving thermophilic snakes and predatory birds (Crowley, 1985), Furthermore, lizards infested with ticks have been shown to select cooler temperatures, which could be a strategy to conserve energy to overcome the tick infestation (Megía-Palma et al., 2020). Together, smaller lizard species that experience high tick loads may be at higher risk of predation due to a reduction in locomotor performance or may have to adjust other behaviours to avoid parasitism risk.

Contrary to our findings, other studies have shown that ectoparasite infestation negatively affects or is associated with low body condition in reptiles Dunlap & Mathies, 1993; Olsson et al., 2000; Madsen, Ujvari, & Olsson, 2005). It appears that ticks do not markedly reduce host health, as evident by the lack of differences in body condition between uninfected and infected lizards, Conrad et al. (2023) found that mite parasitism did not significantly affect growth or body condition in S. undulatus, suggesting that some hosts may employ effective compensatory strategies to deal with parasitic infection. Our data show that other factors, such as the sex and size of lizard hosts, may play a more significant role than relative condition in tick infection rates. Other factors such as seasonality of parasitism and how parasitism may vary by sex would be fruitful area to investigate. A recent investigation into mite parasitism of *S. undulatus* across different seasons found that mite loads vary seasonally, with the highest loads in the warmer months, and are influenced by environmental mite abundance (Pollock & John-Alder, 2020). More specifically adult females experienced higher mite loads than males during early summer, while yearling males had higher mite loads than females later in the season (Pollock & John-Alder, 2020). Such complex interactions should be considered in future studies when investigating how larger ectoparasites, such as ticks, vary seasonally between sex and age. Although tick infection appears to affect sprint speed, it did not appear to be a factor in the overall body condition of the host, indicating a potential trade-off between physical performance

Data Availability:

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Data, code and additional resources are available on GitHub,: https://github.com/kris-wild/Ticks Wild Gienger 2023.git

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constructing research equipment. For help in both the laboratory and field, we thank James
Flaherty, Amanda Mosher, Brooke Bedal, Savannah Price, Dustin Owen, Andy Mueller and
Mallory Strawn-Wild. Finally, this work would not have been possible without the help of
Kentucky Gentleman and Lizardpalooza 2014-15. Research was conducted under approved
APSU IACUC protocol #14.005.

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Literature Cited:

Alleklint-Eisen LT" & Eisen RJ. 1999. Abundance of ticks (Acari: Ixodidae) infesting the western fence lizard, Sceloporus occidentalis, in relation to environmental factors. *Experimental and Applied Acarology* 23: 731–740.

Amo L, López P & Martín J. 2007. Habitat deterioration affects antipredatory behavior, body condition, and parasite load of female *Psammodromus algirus* lizards. *Canadian Journal of Zoology* 85: 743–751.

Anderson RM & May RM. 1982. Coevolution of hosts and parasites. *Parasitology* **85**: 411–426.

Angilletta J. 2001. Thermal and physiological constraints on energy assimilation in a widespread lizard (Sceloporus undulatus). *Ecology* 82: 3044–3056.

Barrientos R & Megía-Palma R. 2021. Associated costs of mitigation-driven translocation in small lizards. *Amphibia Reptilia* 42: 275–282.

Belliure J, Smith L & Sorci G. 2004. Effect of testosterone on T cell-mediated immunity in two species of Mediterranean lacertid lizards. *Journal of Experimental Zoology Part A: Comparative Experimental Biology* 301: 411–418.

Berger KA, Ginsberg HS, Dugas KD, Hamel LH & Mather TN. 2014. Adverse moisture events predict seasonal abundance of Lyme disease vector ticks (*Ixodes scapularis*). Parasites & Vectors 7: 1–8.

Van Berkum FH, Huey RB, Tsuji JS & Garland T. 1989. Repeatability of individual differences in locomotor performance and body size during early ontogeny of the lizard *Sceloporus occidentalis*, Functional Ecology 3: 97–105.

<u>Boots M & Bowers RG. 2004</u>. The evolution of resistance through costly acquired immunity. <u>Proceedings of the Royal Society B: Biological Sciences 271</u>: 715–723.

Bull CM & Freake MJ. 1999. Home-range fidelity in the Australian sleepy lizard, *Tiliqua rugosa, Australian Journal of Zoology* 47: 125–132.

Bullard R, Allen P, Chao CC, Douglas J, Das P, Morgan SE, Ching WM & Karim S. 2016. Structural characterization of tick cement cones collected from in vivo and artificial membrane blood-fed Lone Star ticks (Amblyomma americanum). Ticks and Tick-borne Diseases 7: 880–892.

Cox RM, Skelly SL, Leo A & John HB. 2005a. Testosterone regulates sexually dimorphic coloration in the Eastern Fence Lizard. *Copeia* 2005: 597–608.

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<u>Cox RM, Skelly SL & John-Alder HB. 2005b</u>. Testosterone inhibits growth in juvenile male eastern fence lizards (*Sceloporus undulatus*): implications for energy allocation and sexual size dimorphism. *Physiological and Biochemical Zoology* **78**: 531–545.

<u>Crowley SR. 1985</u>. Thermal sensitivity of sprint-running in the lizard <u>Sceloporus undulatus</u>; support for a conservative view of thermal physiology. *Oecologia* **66**: 219–225.

<u>Diuk-Wasser MA, Vanacker MC & Fernandez MP. 2021</u>. Impact of Land Use Changes and Habitat Fragmentation on the Eco-epidemiology of Tick-Borne Diseases. *Journal of Medical Entomology* **58**: 1546–1564.

<u>Dudek K, Skórka P, Sajkowska ZA, Ekner-Grzyb A, Dudek M & Tryjanowski P. 2016.</u>
Distribution pattern and number of ticks on lizards. *Ticks and Tick-borne Diseases* 7: 172–179.

<u>Dunlap KD & Mathies T. 1993</u>. Effects of nymphal ticks and their interaction with malaria on the physiology of male fence lizards. *Copea* **28**: 1045–1048.

Finnerty PB, Shine R & Brown GP. 2018. The costs of parasite infection: Effects of removing lungworms on performance, growth and survival of free-ranging cane toads. *Functional Ecology* 32: 402–415.

Folstad I & Karter AJ. 1992. Parasites, bright males, and the immunocompetence handicap. *The American Naturalist* 139: 603–622.

Foo YZ, Nakagawa S, Rhodes G & Simmons LW. 2017. The effects of sex hormones on immune function: a meta-analysis. *Biological Reviews* 92: 551–571.

Gallagher MR, Kreye JK, Machtinger ET, Everland A, Schmidt N & Skowronski NS. 2022. Can restoration of fire-dependent ecosystems reduce ticks and tick-borne disease prevalence in the eastern United States? *Ecological Applications* 32.

Gordon DM. 1982. Processes influencing the distribution of parasite numbers within host populations with special emphasis on parasite-induced host mortalities. *Parasitology* 85: 373–398.

Haenel GJ, Smith LC & John-Alder HB. 2003. Home-Range analysis in *Sceloporus undulatus*, (Eastern Fence Lizard) spacing patterns and the context of territorial behavior. *Copeia* 26: 99–112.

<u>Hamilton WD & Zuk M. 1982</u>. Heritable true fitness and bright birds: a role for parasites? *Science* 218: 384–387.

<u>Husak JF & Fox SF. 2008</u>. Sexual selection on locomotor performance. *Evolutionary Ecology Research* 10: 213–228.

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<u>Jakob EM, Marshall SD & Uetz GW. 1996</u>. Estimating Fitness: A Comparison of Body Condition Indices. *Oikos* 77: 61–67.

John-Alder HB, Cox RM, Haenel GJ & Smith LC. 2009. Hormones, performance and fitness: Natural history and endocrine experiments on a lizard (*Sceloporus undulatus*). *Integrative and Comparative Biology* 49: 393–407.

Klukowski M, Jenkinson NM & Nelson CE. 1998. Effects of testosterone on locomotor performance and growth in field-active northern fence lizards, Sceloporus undulatus hyacinthinus. *Physiological Zoology* 71: 506–514.

Klukowski M & Nelson CE. 2001. Ectoparasite loads in free-ranging northern fence lizards, Sceloporus undulatus hyacinthinus: Effects of testosterone and sex. *Behavioral Ecology and Sociobiology* 49: 289–295.

<u>Lanser DM, Vredevoe LK & Kolluru GR. 2021</u>. Tick parasitism impairs contest behavior in the western fence lizard (*Sceloporus occidentalis*). *Behavioral Ecology and Sociobiology* **75**: 39–40.

Lehmann T. 1993. Ectoparasites: direct impact on host fitness. Parasitology Today 9.

Lochmiller RL & Deerenberg C. 2000. Trade-offs in evolutionary immunology: Just what is the cost of immunity? *Oikos* 88: 87–98.

Madsen T, Ujvari B & Olsson M. 2005. Old pythons stay fit; effects of haematozoan infections on life history traits of a large tropical predator. *Oecologia* 142: 407–412.

Main A & Bull MC. 2000. The impact of tick parasites on the behaviour of the lizard Tiliqua rugosa. *Oecologia* 122: 574–581.

<u>Megía-Palma R, Paranjpe D, Blaimont P, Cooper R & Sinervo B. 2020</u>. To cool or not to cool? Intestinal coccidians disrupt the behavioral hypothermia of lizards in response to tick infestation. *Ticks and Tick-borne Diseases* 11.

Megía-Palma R, Barrientos R, Gallardo M, Martínez J & Merino S. 2021. Brighter is darker: the Hamilton-Zuk hypothesis revisited in lizards. *Biological Journal of the Linnean Society* 134: 461–473.

<u>Megía-Palma R, Martínez J & Merino S. 2018</u>. Manipulation of parasite load induces significant changes in the structural-based throat color of male iberian green lizards. *Current Zoology* **64**: 293–302.

Miles DB, Sinervo B, Hazard LC, Svensson EI & Costa D. 2007. Relating endocrinology, physiology and behaviour using species with alternative mating strategies. *Functional Ecology* 21: 653–665.

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Mills SC, Hazard L, Lancaster L, Mappes T, Miles D, Oksanen TA & Sinervo B. 2008.

Gonadotropin hormone modulation of testosterone, immune function, performance, and behavioral trade-offs among male morphs of the lizard *Uta stansburiana*, *American Naturalist* 171: 339–357.

Minchella DJ & Scott ME. 1991. Parasitism: a cryptic determinant of animal community structure. *Trends in Ecology & Evolution* 6: 250–254.

Moller AP, Christe P & Lux E. 1999. Parasitism, host immune function, and sexual selection. Source: The Quarterly Review of Biology 74: 3–20.

Moore J. 2002. Parasites and the Behavior of Animals. Oxford: Oxford university press.

Moore SL & Wilson K. 2002. Parasites as a Viability Cost of Sexual Selection in Natural Populations of Mammals. *Science* 297: 2015–2018.

Olsson M, Wapstra E, Madsen T & Silverin B. 2000. Testosterone, ticks and travels: A test of the immunocompetence-handicap hypothesis in free-ranging male sand lizards. *Proceedings of the Royal Society B: Biological Sciences* 267: 2339–2343.

<u>Pittman W, Pollock NB & Taylor EN. 2013</u>. Effect of host lizard anemia on host choice and feeding rate of larval western black-legged ticks (*Ixodes pacificus*). Experimental and Applied Acarology **61**: 471–479.

<u>Pollock NB & John-Alder HB. 2020</u>. Sex- And Age-Specific Effects are Superimposed on Seasonal Variation in Mite Parasitism in Eastern Fence Lizards (*Sceloporus undulatus*). *Journal of Herpetology* **54**: 273–281.

Prosser CL & Brown FA. 1961. Comparative animal physiology. Amsterdam: W. B Saunders.

Roberts ML, Buchanan KL & Evans MR. 2004. Testing the immunocompetence handicap hypothesis: A review of the evidence. *Animal Behaviour* **68**: 227–239.

<u>Salkeld DJ & Schwarzkopf L. 2005</u>. Epizootiology of blood parasites in an Australian lizard: A mark-recapture study of a natural population. *International Journal for Parasitology* **35**: 11–18.

Salvador A, Veiga JP, Martin J, Lopez P, Abelenda M & Puerta M. 1996. The cost of producing a sexual signal: testosterone increases the susceptibility of male lizards to ectoparasitic infestation. *Behavioral Ecology* 7: 145–150.

Václav R, Prokop P & Fekiač V. 2007. Expression of breeding coloration in European Green Lizards (*Lacerta viridis*): Variation with morphology and tick infestation. *Canadian Journal of Zoology* 85: 1199–1206.

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<u>Veiga JP, Salvador A, Merino S & Puerta M. 1998</u>. Reproductive effort affects immune response and parasite infection in a lizard: a phenotypic manipulation using testosterone. *Oikos* **82**: 313–318.

Wieczorek M, Rektor R, Najbar B & Morelli F. 2020. Tick parasitism is associated with home range area in the sand lizard, *Lacerta agilis, Amphibia Reptilia* 41: 479–488.

Wild KH & Gienger CM. 2018. Fire-disturbed landscapes induce phenotypic plasticity in lizard locomotor performance. *Journal of Zoology* 305: 96–105,

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Alleklint-Eisen LT* & Eisen RJ. 1999. Abundance of ticks (Acari: Ixodidae) infesting the western fence lizard, *Sceloporus occidentalis*, in relation to environmental factors. Experimental and Applied Acarology 23: 731–740.

Amo L, López P & Martín J. 2007. Habitat deterioration affects antipredatory behavior, body condition, and parasite load of female *Psammodromus algirus* lizards. Canadian Journal of Zoology 85: 743–751.

Anderson RM & May RM. 1982. Coevolution of hosts and parasites. Parasitology 85: 411–426.

Angilletta J. 2001. Thermal and physiological constraints on energy assimilation in a widespread lizard (*Sceloporus undulatus*). Ecology 82: 3044–3056.¶

Belliure J, Smith L & Sorci G. 2004. Effect of testosterone on T cell-mediated immunity in two species of Mediterranean lacertid lizards. Journal of Experimental Zoology Part A: Comparative Experimental Biology 301: 411–418.

van Berkum FH, Huey RB, Tsuji JS & Garland T. 1989. Repeatability of individual differences in locomotor performance and body size during early ontogeny of the lizard Sceloporus occidentalis. Functional Ecology 3: 97–105.

Boots M & Bowers RG. 2004. The evolution of resistance through costly acquired immunity. Proceedings of the Royal Society B: Biological Sciences 271: 715–723.

Bull CM & Freake MJ. 1999. Home-range fidelity in the Australian sleepy lizard, *Tiliqua rugosa*. Australian Journal of Zoology 47: 125–132.

Bullard R, Allen P, Chao CC, Douglas J, Das P, Morgan SE, Ching WM & Karim S. 2016. Structural characterization of tick cement cones collected from in vivo and artificial membrane blood-fed Lone Star ticks (*Amblyomma americanum*). Ticks and Tick-borne Diseases 7: 880–892.

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Testosterone regulates sexually dimorphic coloration in the Eastern Fence Lizard. 1: 597–608.¶

Cox RM, Skelly SL & John-Alder HB. 2005b. Testosterone inhibits growth in juvenile male eastern fence lizards (Sceloporus undulatus): implications for energy allocation and sexual size dimorphism. Physiological and Biochemical Zoology 78: 531–545.¶

Crowley SR. 1985. Thermal sensitivity of sprint-running in the lizard *Sceloporus undulatus*: support for a conservative view of thermal physiology. Oecologia 66: 219–225.¶

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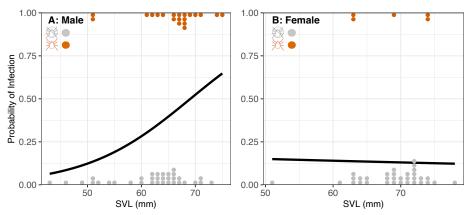


Figure 1. Relationship between body size (SVL) and probability of tick infection for male (A) and female (B) Eastern Fence Lizards. The line represents the probability function from logistic regression. Raw data points are shown with circles that distinguish if lizards were infected by ticks (<u>orange</u>) or lizards that were not (grey).

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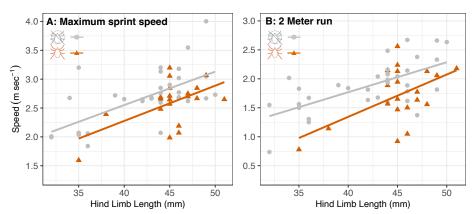


Figure 2. ANCOVA results of maximum sprint speed (a) and two-meter run speed (b) of male lizards. Hindlimb length (mm) was used as a covariate to remove the effect of body size on performance. The presence of ticks (yellow) significantly reduced maximum sprint speed (p < 0.01) and two-meter run speed (p = 0.003) in comparison to lizards with no ticks (grey).

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