

## **(Re)Constructing ecology as a home**

1 **Title:** Queering ecology: (Re)Constructing ecology as a home to better understand the social-  
2 ecological pressures of wildlife

3 **Running Head:** (Re)Constructing ecology as a home

4 **Author:** Cesar O. Estien<sup>1</sup>

5 <sup>1</sup> *Department of Environmental Science, Policy, and Management, University of California–*  
6 *Berkeley, Berkeley, CA 94720, USA*

7 ORC-ID: 0000-0001-8410-7371

8 **Correspondence:** cestien@berkeley.edu

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### 9 Abstract

10 Homes are intimate spaces where many bodies come together in space and time to deeply learn  
11 and understand the many processes that have created one another. Ecology, the study of the  
12 relationship between organisms and their environment, is based on the study of a home. Yet,  
13 ecologists are trained in patriarchal, heteronormative, and otherwise Western articulations and  
14 understandings of nature that prevent access to this ecological home. In this article, I argue that  
15 through (re)constructing ecology as a home, ecologists can better understand the social and  
16 ecological processes that shape an organism. To do this, I dissect conflict with wildlife as a  
17 concept that reinforces taxonomical hierarchies and prevents humans from making a home with  
18 wildlife. I then leverage queer theory to flatten taxonomical hierarchies and create a landscape  
19 that invites the (re)construction of ecology as a home-making discipline. I then sit within the  
20 ecological home to examine urban wildlife and the environmental pressures they are subjected to  
21 – using the urban coyote as an example. This work leverages Queerness to collapse taxonomical  
22 hierarchies and push traditional ecology towards a boundless relationality with wildlife to more  
23 holistically understand the various social and ecological pressures that ultimately create their  
24 phenotype.

25 **Keywords:** queer ecology, multi-species kinship, interspecies relationships, human-wildlife  
26 interactions, coyote, *Canis latrans*

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### 27 Preface

28 “Yet small bodies and intimate atmospheres often get lost in big atmospheric narratives.”

29 - **Neel Ahuja**, *Intimate Atmospheres: Queer Theory in a Time of Extinctions*

30 Vulnerability materializes as a mosaic terrain and the form it takes, that is its shape and texture,  
31 is often a consequence of the surrounding environment. Queer theory has unhinged the walls of  
32 the home I have come to know as modern, Western ecology, muddling much of my thought  
33 processes and leaving me intellectually naked. The deconstruction of this home has reeled in a  
34 storm of anxiousness, stress, pressure, freedom, liberation, and joy. The latter came as I began  
35 writing this essay with Queer thought. The former was felt throughout reading Queer texts and  
36 eventually materialized as dreams. Consistently, I dreamed of an ecological home. This home  
37 was different than the one I had previously known. As I entered the structure, it was boundless,  
38 rather than rigid and fixed. No walls. No corners. All I could see was a never-ending table filled  
39 with species and concepts conversing. These species moved between and through each other –  
40 recognizing the interdependence and interconnectedness amongst themselves. Ecology, itself,  
41 derives from *oikos* (house, dwelling place, habitation) and *-logia* (study of), and thus, as  
42 ecologists, we are studying a *dwelling place*. A *home*. A home where intimate interactions reveal  
43 to us the many complex processes that eventually produce an organism and their phenotype.  
44 However, the methods and language of traditional ecology based in Western science have  
45 fractured this home and rendered this intimate space inaccessible for many ecologists. The  
46 collapse of the ecological home under white supremacy and patriarchy has stifled our  
47 understanding of the countless processes that shape an organism. By leaning into and  
48 (re)constructing ecology as a boundless, rather than rigid, home, an intimate atmosphere for a  
49 multitude of concepts, bodies, and souls to interact at a never-ending table can be created.

### 50 Introduction

51 “Queer thought is, in large part, about casting a picture of arduous modes of relationality that  
52 persist in the world despite stratifying demarcations and taxonomies of being, classifications that  
53 are bent on the siloing of particularity and on the denigrating of any expansive idea of the  
54 common and commonism.”

55 - **José Esteban Muñoz**, *The Sense of Brownness*

56 For centuries, humans have sought to understand the complex ecological and evolutionary  
57 processes of the world. From investigating why bees waggle upon arrival to hives and the  
58 selection processes underpinning the coloration of wildlife, to exploring the myriad  
59 environmental pressures that lead to behavioral adaptations in animals. All of these questions  
60 have furthered our understanding of what lies beyond the human and the complex entanglement  
61 of life with the environment. But have the very investigative processes we have come to know as  
62 surefire approaches and methods in ecology hindered our very understanding of what is beyond  
63 the human? When we think in binaries (e.g., pest or non-pest, male or female) or simpler terms  
64 (e.g., a bold animal) to understand the existence of organisms within our ecosphere, we miss  
65 precious moments that reveal to us intimate and prolific processes. Even beyond these eclipsed  
66 moments, the current scientific foundation we rest our method on has shaped our foresight to

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67 exclude social processes from ecology because of the “objectivity” of science. In Western  
68 science, ecology is unable to be penetrated by the intimate insertion of worldly processes – such  
69 as classism, racism, capitalism, patriarchal dominations of nature, etc. It creates a “social world”  
70 and a “natural world” under different, exclusionary roofs. This is in no doubt due to colonialism  
71 and white supremacy which “produce allegedly objective, dispassionate, and male science which  
72 has traditionally made no room for any subjective, emotionally engaged exploration of the world  
73 around us.” (Freyne 2020, 174). Yet, ecology itself, as a word and discipline that studies the  
74 relationship between organisms and the environment *demands* we engage with intimacy (Morton  
75 2010), which necessarily means interrogating the social world and its many (oppressive)  
76 processes that leak into the natural world to subjugate human and non-human animals to harsh  
77 ecological pressures. When we condemn and dismantle this “objective” ecology, we can examine  
78 “the spatially and temporally extensive ways that practices are sedimented into and structure the  
79 world” (Murphy 2013, 2), including societal legacies (e.g., colonialism, the plantation, historical  
80 redlining) that ultimately shape the social and ecological processes that influence organisms.

81 In this essay, I am leveraging Queer to dismantle and disturb “objective” Western ecology,  
82 which is steeped in white cis-heterosexist articulations of nature and a direct result of who has  
83 held (and produced) knowledge in these spaces, to (re)construct ecology as a home. Ecology, as  
84 a disciple and entity, is about examining the relationship between organisms and their  
85 environment. It is when we revisit the roots of ecology, which is a dwelling place and home, that  
86 we begin to understand that humans have constructed a rift between themselves and the natural  
87 world, disallowing our ability to fully understand the myriad social-ecological pressures  
88 organisms are subjected to. Within this reconstructed home, the binary and rigid thinking of the  
89 natural world many ecologists cling to begin to dissolve, allowing us to access more of the fluid  
90 and dynamic reality organisms exist within. In this space, ecologists are able visualize the  
91 intimate connections and entanglements between the “separate” social and natural world.

92 In this essay, I argue that there is currently a rift between ecologists and the natural world which  
93 has stifled our understanding of wildlife and prevented the ecological home from remaining. I  
94 argue that this rift is due to the societal construction of non-human animals and “conflict” with  
95 said non-human animals. This construction, both of the non-human animal and conflict, prohibits  
96 us from making and sharing a home with wildlife. I then lean on queer theory to (re)construct  
97 ecology as a home, creating room for intimacy between humans and wildlife and yielding a lens  
98 to understand the complex entanglement of the social and natural world with respect to wildlife. I  
99 then sit within this reconstructed home to examine the coyote and the charged landscape it  
100 navigates. Throughout this work, I am leveraging Queerness to envision “an array of  
101 subjectivities, intimacies, beings, and spaces located outside of the heteronormative” (Chen  
102 2012, 184) and create “an understanding of ecology as naming not the idea of the ‘natural world’  
103 as something set apart from humans but a complex system of interdependency (Luciano and  
104 Chen 2015, 7).

### 105 **Constructed Conflict**

106 Ecological theory has long examined the complexity of human-wildlife interactions. For  
107 instance, scholars have spent years examining the myriad social factors – such as perceptions,  
108 attitudes, past experiences, and beliefs – that determines what a person perceives as conflict (i.e.,  
109 a negative human-wildlife interaction) (Dickman 2010, Frank 2016, Soulsbury and White 2015).

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110 Recently, Harris and colleagues (2023) have highlighted that human-wildlife interactions are not  
111 static, i.e., these interactions cannot necessarily be binned into coexistence and conflict as these  
112 terms are incredibly flimsy. And although Frank (2016) discussed human-wildlife interactions  
113 along a continuum between conflict and coexistence, Harris et al. (2023) extended this by noting  
114 coexistence is not necessarily devoid of conflict (i.e., human tolerance of what is deemed a  
115 “negative” action from a non-human animal) and that a life cycle of interactions occurs between  
116 humans and wildlife that is highly dynamic, such that coexistence may rarely occur.

117 Human-wildlife interactions, generally, can be positive (e.g., tourism, local birdwatching),  
118 negative (e.g., livestock or pets lost to predation, vehicle mortalities), or neutral. Negative  
119 human-wildlife interactions are typically characterized as human-wildlife conflict, in which  
120 humans, infrastructure, or interests are negatively affected by wildlife (Soulsbury and White  
121 2015). Negative interactions with wildlife can be considered a major issue, with many studies  
122 exploring how to minimize and understand negative human-wildlife interactions (e.g., Estien et  
123 al. 2022; Treves and Santiago-Avila 2020). Human-wildlife conflict is especially prevalent in  
124 urban spaces and has even had evolutionary consequences on wildlife inhabiting these spaces  
125 (Schell et al. 2021). There is no doubt that these interspecies interactions can be complex, but I  
126 ask: is it *actually* conflict? Conflict, broken down into “together” (con-) and “to strike” (-flict), is  
127 defined by Merriam-webster in several ways. Noun: (1) competitive or opposing action of  
128 incompatibles: antagonistic state or action (as of divergent ideas, interests, or persons); (2)  
129 mental struggle resulting from incompatible or opposing needs, drives, wishes, or external or  
130 internal demands; and (3) the opposition of persons or forces that gives rise to the dramatic  
131 action in a drama or fiction. Verb: (1): to be different, opposed, or contradictory: to fail to be in  
132 agreement or accord; and (2) *archaic*: to contend in warfare. Hence, to say there is human-  
133 wildlife conflict is to say we as humans are “different, opposed, or contradictory” to wildlife. It’s  
134 to say that wildlife are “antagonistic” and have “incompatible needs, drives, wishes, or  
135 demands”. Rhetoric as such can often pre-determine how we perceive or interact with animals  
136 that have been seen as “aggressive” and “dangerous” due to myriad “negative” interactions with  
137 humans. But are these negative interactions actually conflict and is the use of conflict pre-  
138 determining how we perceive wildlife and assess our interactions with them?

139 Peterson et al. (2010) began this conversation by reviewing what has been categorized as  
140 “conflict” in the literature. Peterson and colleagues discuss how non-material entities —  
141 memories, values, beliefs — are core characteristics of who humans are and influencing our very  
142 being, including what we feel is “conflict”. Of all scientific papers reviewed, authors only found  
143 one instance of human-wildlife conflict, with other instances of conflict including negative  
144 interactions such as property or agricultural damage. This study illustrates, and emphasizes, the  
145 importance of language use, as the phrase “conflict” is textured and has immense consequences  
146 for promoting coexistence between human and nonhuman animals (and the ecosphere as a  
147 whole) (Peterson et al. 2010). Extending Peterson’s argument — which hinged on material  
148 concepts, that most “conflict” reported is simply miscategorized, and that the phrase human-  
149 wildlife conflict is counterproductive to coexistence — I argue that broadly, conflict, in the way  
150 we have currently come to generally understand it with non-human animals, is a construct that  
151 bolsters the divide between humans and non-human animals and creates an unbalanced power  
152 dynamic.

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153 Western societies have generally constructed non-human animals as beings with no “rights” or  
154 agency. They are seen as beings that respond to external stimuli, whether it be anthropogenic or  
155 natural, but do not fully understand the world. For example, urban wildlife can often be  
156 perceived as ecological accidents. They are seen as animals that must have been struggling in  
157 their natural habitat and have accidentally wandered into urban spaces, where they have now found  
158 resources to consume. They are animals that belong in a “natural” habitat. The creation of urban  
159 spaces (i.e., cities) as something solely to be human and distant/separate from nature further  
160 upholds this notion that wildlife do not belong in these spaces and must be in cities by accident.  
161 Rather than seeing cities as trans-species spaces where urban wildlife participates in social life  
162 (Hubbard and Brooks 2021), cities are often fictitiously constructed as human spaces where  
163 wildlife invade and forcibly make their own home. This militarization of urban wildlife, as  
164 animals that invade or colonize spaces, rather than beings that move through borderless lands,  
165 further invites the potential for conflict. It is no wonder society finds conflict with wildlife in  
166 human-dominated landscapes, especially in cities – a concrete jungle that was built only for  
167 human animals in mind. This division and demarcation from nature that humans have built with  
168 cities pushes humans to further construct urban wildlife, specifically wildlife that refuse to exist  
169 in cities as humans deem appropriate, as pests, vermin, and nuisance beings. These terms for  
170 urban wildlife further construct these animals as beings to be controlled and dominated, and  
171 since conflict invites scenarios where there is a winner and loser or a dominator and a  
172 submissive, humans find themselves continually constructing conflict with many urban species  
173 to reassert their dominance over non-human animals. Conflict with non-human animals is easy to  
174 have when cities are seen as incompatible with the animal – a being constructed with no rights or  
175 agency – and the animal is seen as something to dominate or control under the Western society.

176 In urban spaces specifically, human-wildlife conflict typically stem from wildlife “misbehaving”  
177 and interfering with capital, property, and aesthetics. In these cases, the use of conflict often  
178 invites militaristic actions against the animal that is the deemed the perpetrator rather than the  
179 oppressive system that underpins the negative interaction with wildlife. Conflict, here, reinforces  
180 the taxonomical hierarchy and pushes wildlife into a social category that (dis)allows them  
181 existence on human-dominated landscapes and access to resources. For example, New York City  
182 has declared a war against rats. Although the conflict with rats can be argued as just, due to  
183 potential human exposure to zoonotic diseases, what conflict here overlooks is a capitalistic  
184 system that continues to value capital over people. Rather than interrogate the oppressive and  
185 violent system that as created poor housing conditions and other environmental conditions that  
186 has created favorable habitats for rats, leading to dense rat populations and human exposure to  
187 zoonotic disease, the city is spending millions of dollars on the extermination of rats. Thus,  
188 conflict, as a structure and process, often ignores the societal processes that degrade  
189 environments and push (marginalized and minoritized) humans to have negative interactions  
190 with wildlife. I argue that on a large-scale, the use of conflict prevents an interrogation of a  
191 system that asks to have negative interactions with wildlife due to notions of, for example,  
192 aesthetics, property, and capital. Simultaneously, the usage of human-wildlife conflict  
193 inadvertently maps conscious antagonism onto wildlife, constructing a villainous and dark figure  
194 that eclipses who the animal is and invites violence towards wildlife.

195 To fully deteriorate this myth of conflict between human and non-human animals, we must  
196 dissolve the human and non-human boundary and surgically remove human exceptionalism such  
197 that “there is no natural law to oppose human deviance, since nature cannot be posited as an

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198 other than or prior to humans” (Luciano and Chen 2015, 185). It is once we dissolve this  
199 boundary between human and non-human beings that we can begin creating a foundation to  
200 (re)construct ecology as a home and repair the connections between humans and non-human  
201 animals.

### **202 Getting Dirty with Wildlife to (Re)Construct the Ecological Home**

203 If we as a ecologists rupture the concept of individualism and human exceptionalism, as  
204 suggested in *Staying with the Trouble Making Kin in the Chthulucene* (Haraway 2016, 30), what  
205 can be produced? To rupture and appropriately dismantle human exceptionalism, ecologists must  
206 flatten the imagined and constructed hierarchical taxonomic ladder, which places humans at the  
207 top and “lesser” beings towards the bottom. Moving in this direction necessarily means we, as  
208 ecologist, must get dirty with wildlife: “Getting dirty means we become fully human by  
209 remembering and embodying our trans-human animalness. This requires a decolonization  
210 process, because we must question and shed the conditioned beliefs that say we are more  
211 intelligent than, different from, or better than our animal nature and other natural beings (i.e.,  
212 human exceptionalism).” (Nelson 2017, 255).

213 Instead of being viewed as an individual with autonomy, decision-making abilities, and other  
214 traits we place on a pedestal and have been socialized to understand as synonymous with  
215 “human”, wildlife are reduced to “just an animal”. It’s this constructed and infantilized “animal”  
216 that warrants different societal perceptions and understandings of it when it appears on a human  
217 landscape depending on the positionality of the human observing it. For instance, if the human  
218 observing the animal views nature as an entity that should be removed from humans, then any  
219 move that animal makes may become “conflict”. On the other end, a human may see  
220 endearment, resentment, or lack of excitement for an animal simply based on its biology and  
221 positionality within human society (e.g., a pigeon or rat compared to a falcon or puma). What  
222 contributes to the transposition and maintenance of these dynamic feelings towards the non-  
223 human animal? A brief glimpse reveals that any being existing on a landscape where racialized  
224 tension continues to stem from colonial roots is incredibly porous, sliding up and down the  
225 animacy hierarchy (see Mel Chen’s *Animacies*).

226 We can dig into this by examining the domestic dog, for example, who can become very  
227 (in)human. Domestic dogs are porous in their image and, because of their positionality to  
228 humans, can reap the benefits and consequences of the arbitrary and troubled hierarchy humans  
229 have constructed. On the one hand, some dogs are demonized and ostracized with  
230 anthropocentric personalities such as “aggressive” sticking to them because of their proximity to  
231 Black and Brown communities and thus, seen as “below” other dogs (similar to how Black and  
232 Brown individuals and other marginalized groups (Disabled folks, Trans folks, etc.) have been  
233 seen as “subspecies” to humans/humanness) while other dogs hold higher statute as classy, safer  
234 dogs because of their prevalence in white communities, and can often become familial and above  
235 other non-human animals and even other humans. Chen notes that the language we use around  
236 nonhuman animals situates and isolates them lower on this conceptual taxonomic hierarchy —  
237 hence the phrase “treated me like a dog”. This fixed taxonomical hierarchy stems from the  
238 colonial gaze – which suppresses and hides entities deemed invaluable in a submerged world.

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239 In *Extractivism*, Gómez-Barris prys open the submerged world and reveals a complex and  
240 interactive space teeming with perspectives. By entering this submerged world and moving  
241 beyond the Western scientific perspective, we can interact with the world in a new fashion.  
242 Going into what Gómez-Barris deems the “fish-eye” allows us to connect deeper to the  
243 environment and be enveloped by what extractivism (i.e., the colonial gaze) dismisses and moves  
244 beyond (Gómez-Barris 2017, 94-100). Moving into and employing this submerged perspective  
245 allows us to get dirty with wildlife and reconstruct ecology as a home where intimate interactions  
246 are seen and heard. In this submerged perspective, “protecting nature means protecting  
247 ourselves” (Anderson and Samudzi 2018, 33). It’s in this intimate space where we are able to  
248 feel the emotions and pain of wildlife when they are subjected to violent acts, such as polluted  
249 landscapes. Getting dirty allows us to attend to the unseen, or even dismissed, interactions  
250 between wildlife and the landscape they operate on and are engulfed in.

251 With an understanding of the porous nature of animals and the perspective that ignores a vibrant  
252 network of intimate connections, we can begin rearranging this constructed landscape. What  
253 would it look like to rearrange a hierarchy that is rooted in oppression and acts as a barrier for  
254 human-nonhuman connections? Instead of a vertical, capitalistic hierarchy that assigns values to  
255 bodies, with entities such as insects on the bottom and human at the top, what if we flatten it?  
256 When we flatten this ladder, instead of levels, we get create doors with two-pronged intimacy  
257 into a home. First, this two-pronged intimacy allows us to enter spaces that were considered  
258 “disparate” before and fully engage with the life behind the door. Behind this door, hierarchical  
259 barriers are dissolved – allowing us to see that wildlife are not detached from the human world  
260 but incredibly entangled with our systems. We are able to better engage with our research  
261 subjects and understand who they are and what their experience is on their respective landscape,  
262 no matter the ecosystem. Although ecological theory already recognizes the complex interactions  
263 between humans and ecosystems (Collins et al. 2000; Collins et al. 2011; Des Roches et al. 2021;  
264 Ramalho and Hobbs 2012; Schell et al. 2020), in this flattened space, we can better identify the  
265 environmental processes that entangle and latch onto our research subjects. For instance, a  
266 standard ecological approach recognizes that urban wildlife have various behavioral responses to  
267 both social and ecological pressures. Here, social and environmental factors such as urban heat,  
268 societal wealth, pollution, transportation infrastructure, and human population density can impact  
269 community-level processes (e.g., biodiversity; Leong et al 2018) and feedback onto individuals  
270 (Des Roches et al. 2021; Saaristo et al. 2018), shaping an organism’s behavior and physiology  
271 (Ouyang et al. 2018). Yet, these approaches still fail to consider or recognize how systems of  
272 oppression and extraction construct different niches for urban wildlife, both social and  
273 ecological. Although current ecological thought considers the ecological portion, examining  
274 what parts of cities are ecological hospitable for wildlife (i.e., has the resources to sustain a  
275 population) or where wildlife currently occur in cities, ecological theory has yet to critically  
276 examine why portions of cities are more socially acceptable than others for certain wildlife (e.g.,  
277 where are perceptions and attitudes of this organism tolerable). Using these doors will reveal to  
278 ecologists that urban wildlife can slip into the racial and capitalistic hierarchies of humans,  
279 ultimately shaping the existence of wildlife in urban landscapes. For instance, urban wildlife  
280 interfering with capital interests and aesthetics can become pests and are deemed “disposable”,  
281 similar to marginalized human bodies (e.g., homeless populations). Simultaneously, wildlife  
282 associated with particular human groups become entangled in racial-ethno conflict and  
283 hierarchies, leading to unfavorable or violent views towards particular animals.



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284 Second, while this two-pronged intimacy allows us for us to see new perspectives by more  
285 intimately engaging with our research subjects and seeing how they function in their ecosystem,  
286 this two-pronged intimacy allows for us to erects respectable boundaries between two or more  
287 entities. These respectable boundaries allows for us to note and celebrate the differences between  
288 the researcher and the research(ed). By recognizing and upholding these differences, we can  
289 “love, befriend, and care for another” by “respect[ing] the independent aspect of their being  
290 (Freyne 2006, 77)” (Freyne 2020, 178). These differences, whether its biological or social, can  
291 ultimately be what links the researcher and research subject against a structure that  
292 simultaneously subjects them to violence. And in this simultaneous multi-species struggle  
293 against neocolonialism and extractive capitalism, both researcher and research subject briefly  
294 overlap, spatially and temporally, in an intimate fashion to become one. By being overlaid, both  
295 (or more) bodies occupying the space are fluid, and the interactions become more intimate,  
296 allowing a subject to become fully known. It’s behind this door that we prevent pushing apart  
297 and devaluing bodies and begin to realize that we, as ecologists, do not hold all the knowledge.  
298 Here, our research subject becomes our research partner revealing what it wants to share about  
299 the vast adaptations they are equipped with in response to vast social and ecological pressures.

300 Traditional ecological approaches are built on Western understandings of nature, which do not  
301 recognize wildlife as beings with agency and inevitably reproduce troubled and oppressive  
302 hierarchies. Upon identifying this, we can begin to recognize that these approaches are “an  
303 imagined system, not an actual, self-regulating one” (Chen 2020, 89) and do not allow for an  
304 expansive view of wildlife. Through Queering our approach to ecology, we are able to get dirty  
305 and become entangled with wildlife, producing “empathy and kinship” (Nelson 2017, 232).  
306 Getting dirty with wildlife allows us to have intimate interactions with non-human animals and  
307 access understandings of how these animals navigate their environments. It’s through approach  
308 that we are able to flatten taxonomical hierarchies, weave new, personal connections with nature,  
309 and access ecological knowledge that would otherwise be missed due to the static observations  
310 of nature traditional ecology asks for.

311 When we begin to work in this flattened landscape, human exceptionalism and bounded  
312 individualism fall to the side and a new intimate landscape teeming with complex emotions and  
313 relationality is freed. In this landscape, organisms and processes are observed and felt differently.  
314 For example, even a prominent ecological concept like co-evolution, an idea primarily discussed  
315 in the context of predator-prey/host-parasite interactions, can be transformed into an intimate  
316 interaction that occurs between abiotic and biotic beings: “As plant sex spawned new generations  
317 of plants, it also made new fire. As plant life mobilised, evolved and radiated, so fire migrated,  
318 proliferated and diversified. As plants made the living world more hospitable to flame, so too did  
319 wildfire select for species or communities that tolerated, even depended upon, flame.” (Yusoff  
320 and Clark 2018, 12). Similarly, photosynthesis transforms from a process of acquiring and  
321 processing energy into “celestial fertility” that burns “like a cool green fire” (Yusoff and Clark  
322 2018, 11), and spiders move beyond animals that create webs to capture prey and sustain  
323 themselves; instead, they make “attachments and detachments; they make cuts and knots; they  
324 make a difference; they weave paths and consequences but not determinisms; they are both open  
325 knotted in some ways and not others.” (Haraway 2016, 31). On this flattened landscape, we can  
326 begin to reconstruct and erect the ecological home, where interactions between human and non-  
327 human beings can be seen, felt, and sensed differently. It is then within the ecological home, that  
328 we are able to sit at the table with organisms and fully see them. We are able to hold our research

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329 organisms to feel their richness and texture. We are able to slowly move around the edges and  
330 note characteristics we overlooked before. It's through this intimate process within the ecological  
331 home that ecologists can begin to better understand the myriad social and ecological pressures  
332 that impact them.

### 333 **The Queer Concrete Canid**

334 Coyotes are beings that persist in spaces they aren't wanted in and are often demonized even  
335 though they are beautiful and meek. Coyotes are often viewed as “antagonistic”, “problematic”,  
336 and derogatorily “complex”. Yet, through all adversity — the defamation and subsequent  
337 (environmental) violence that has come with human expansion — coyotes persist in urban  
338 spaces, much like marginalized humans. In this section, I'll sit within the ecological home to  
339 examine the urban coyote as a Queer ecological being navigating a charged landscape and the  
340 associated social-ecological pressures.

341 The coyote is one of many appendages of Nature. The coyote in particular, similar to Nature at  
342 large, exudes vitality and refuses to fit in the arbitrary boxes we affix to it. In this way, coyotes  
343 are a model of resistance against the rigidity of Western society and ideologies. The coyote  
344 sees the world differently than us and moves through space and time as a Queer ecological being.  
345 Here, I leverage Neel Ahuja's definition of Queer/Queering, as the coyote “emerges by tracing  
346 an affective materiality that interrupts anthropocentric body logics and space-time continuums  
347 rather than a sovereign stance of negation in relation to Law...” (Ahuja 2015, 372). By simply  
348 existing and persisting, the coyote dismembers all anthropocentric logic on wildlife survival and  
349 how wildlife should (and can) exist in cities. The coyote intimately exists in tandem with asphalt  
350 and soil. Between the rough, gritty, chilled, and overbearing grey and the plush, firm, wet, and  
351 boundless brown. All of it is home to the coyote. In this way, I would say that the coyote is  
352 incredibly intimate with concrete, more than humans may ever be. The coyote, similar to the  
353 Black identity (see Anderson and Samudzi 2018, 21), is inextricably linked with the land. It  
354 paces and traverses streets as it has traversed time and moved through different embodiments.  
355 On one end, the coyote moves through many Indigenous stories as a parental figure, savior, or  
356 creator, to name a few (Baldy 2015). On the other end, the coyote erupts in the Anthropocene as  
357 an embattled and resilient carnivore that polarizes the Americas. Observing the coyote as this  
358 still, yet transient, deviant body bursting with potential and possibilities instills an unmatched  
359 wave of peace and power. It's an overwhelming feeling that drowns you and provides air  
360 simultaneously.

361 Coyotes have emerged as an exciting potential case of ecosystem sentinels in cities. The coyote  
362 is set to expand its range across the Americas (Hody and Kays 2018), and their intimacy with  
363 (toxic) landscapes will be greater than we will understand. With this range expansion, the images  
364 of the coyote will continually collide and be rebuilt to articulate *who* the coyote is both  
365 materially and cosmically in modernity, “generating friction and leakage” between these  
366 identities (Luciano and Chen 2015, 186). As these conversations of who the coyote is continually  
367 surface, the coyote is often seen as a *danger*, *out-of-place*, and *not belonging*. For example, in  
368 Denver, Colorado, themes of anger, accusation, violence, and crime in response to the coyote are  
369 incredibly prevalent (Draheim et al. 2021). Similarly in Los Angeles, California, people have  
370 organized a group entitled “Evict Coyotes” who “are not here to discuss both sides. The only  
371 side we discuss is how to get our government to do their job and start Evicting Coyotes”. This

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372 rhetoric around *who* and *what* belongs *where* and use of phrases, such as “they don’t belong  
373 here” and “we don’t want to coexist with them, we want them gone”, mirror feelings directed  
374 towards marginalized humans who are viewed as an “other”.

375 Despite these negative attitudes, coyotes, like many other urban animals, have increased their  
376 tolerance of people and human-dominated spaces (e.g., Breck et al. 2019), all while facing  
377 detrimental threats such as the rupturing of our climate and environmental violence (e.g., toxic  
378 pollution and contamination). The phenotypic plasticity coyotes exhibit is something to marvel  
379 over — almost like no matter how far humans bend them, they never break. And yet, this  
380 phenotypic bending (i.e., plasticity) done by humans via the construction of a concrete jungle  
381 and other large-scale landscape alterations is viewed as negative (e.g., Manzolilo et al. 2019)  
382 rather than beautiful. Why is that? Mel Chen asks in *Animacies* “What happens when an animal  
383 appears on human landscapes?” and for the urban coyote, dramatic and intense slippage occurs  
384 as it is rapidly thrown between the many constructed coyotes that exist in, for example,  
385 NextDoor forums, Twitter threads, dinner table conversations, or local parks. The constructed  
386 coyote — an “aggressor” and “villain”— directly alters how the material coyote interacts with the  
387 urban landscape with actions such as hazing aiming to reinstate human dominion and control  
388 over the urban coyote. The constructed coyote has incredibly tangible and sometimes violent  
389 consequences for the urban coyote, who is simply resourceful, plastic, and resilient. This  
390 constructed coyote offers the human a “logical reason” to invest in warfare and violence against  
391 the urban coyote than build a home with the urban coyote. Yet, the coyote does not subscribe to  
392 this false image of self, despite the human begging for the coyote to buy into this constructed  
393 image to validate the coyote’s ultimate death and removal. The urban coyote moves around the  
394 constructed coyote and does not seek to be validated from the world or have a desire to be of this  
395 world. The urban coyote recognizes that it does not exist beyond the margins of society and the  
396 cities we have come to know, so much so that its existence seems to beget the interrogation and  
397 destruction of the constructed heteropatriarchal, white supremacist world that has pushed the  
398 urban coyote into these very margins. Within these margins is where the urban coyote absorbs  
399 xenophobic and racist rhetoric via the entanglement with society’s constructed *other* who are  
400 similarly crushed and caricatured by myriad systems of oppression. It is here the urban coyote  
401 becomes Queer and embodies abolition, freedom, and revolution. It is in this space that we can  
402 begin to understand that antagonisms towards the coyote are not random, but a direct result of  
403 colonialism, heteropatriarchy, and white supremacy.

404 There is tension between cities and coyotes, such that when a coyote emerges in a city, it is a  
405 polarizing force that disrupts, ruptures, and shatters all quotidian entities and infrastructure. The  
406 coyote’s existence has continued to evolve and become conditional within an ongoing settler  
407 project, similar to myself as Black Queer person. This can be further understood as extractivism  
408 views and understands both nature (and Blackness) as entities to be controlled and commodified  
409 (Anderson and Sumudzi 2018, 33). With this lens, it becomes clear that to be an urban coyote is  
410 to be “anti-human” in the same way that to exist as a Black person in the US is to be “anti-state”  
411 (Anderson and Sumudzi 2018, 112). The simple existence of the coyote is in direct opposition of  
412 urban spaces and human assumptions of where nature “deserves” to be. The very construction of  
413 cities is often made to center (socially dominant) humans and their needs — leading to a dense,  
414 built landscape created from a love-affair of oppressive systems. For the coyote, capitalism,  
415 classism, anti-Black racism, and more materialize to create inequitable and unjust cities that evict  
416 slow violence on marginalized communities (Wright 2021). In this toxic urban landscape that

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417 was not built for the coyote, it persists as a form of resistance to the many forms of oppression  
418 that are consciously overlooked in urban landscapes. The urban coyote experience is not one of  
419 thriving, but survival, tenacity, and grit. The coyote's plasticity bends its destiny to encompass  
420 life and a concrete future that prevents the constructed coyote from engulfing the urban coyote  
421 until only its ghost is left.

422 The world we've come to know is not neutral nor natural phenomenon but constructed through  
423 many systems of oppression that affect humans and non-humans alike (Schell et al 2020; Cannon  
424 et al 2023; Hubbard and Brooks 2021). The urban coyote, along with other wildlife, is swept up  
425 in this constructed world where it subjected to harsh social and ecological processes stemming  
426 from injustices and oppressive systems (e.g., imperialism, capitalism). Yet, traditional ecology  
427 prevents ecologists from engaging with this part of the world when investigating the  
428 environmental pressures, both social and ecological, that influence wildlife. With the  
429 reconstructed ecological home, and the lens it produces, we can begin to recognize that the large-  
430 scale oppression directed towards marginalized and minoritized humans – including racialized  
431 rhetoric, violent actions, environmental degradation, and unjust laws – encompass the urban  
432 coyote, ultimately shaping its phenotype and crystalizing it as a Queer being.

### 433 **Conclusion: Ecology as a Home**

434 “We should not wait for the magic words we want to hear to come out of someone else's mouth  
435 when we can designate, dictate, and deliver change ourselves.”

436 - **Zoe Samudzi and William C. Anderson, *As Black as Resistance***

437 Science as a modern approach has a long history of entanglement with white supremacy,  
438 dismissing other forms of knowledge, being, and understanding. Such that when we reduce non-  
439 human organisms to solely scientific terms, we are reducing and stripping non-human organisms  
440 of their being and preventing a full understanding of said organism. We are inevitably  
441 reinforcing a taxonomical hierarchy and colonial human/non-human power schemes, losing the  
442 ability to create boundless, intimate relations with our research subjects. What if intimacy and  
443 love, such as respect, trust, commitment, and recognition (hooks 2000, 5), was shown to wildlife  
444 as a researcher? For instance, what would it mean for ecologists to *commit* to wildlife and  
445 *recognize* wildlife as beings with agency? Committing to and recognizing the agency of wildlife  
446 would lead to erecting and reinforcing the ecological home, consequently pushing ecologist to  
447 shift their disciplinary lens and methodological approaches. The movement into the ecological  
448 home allows ecologists to better recognize, for example, the myriad oppressive structures that  
449 shape the urban coyote (Cannon et al 2023).

450 Currently, ecology has found itself in an unintimate landscape that encounters itself as a hurdle.  
451 In this piece, I have argued that by queering ecology, ecologists are able to shift the field such  
452 that the core aspects to ecology – understanding the relationship between organisms and their  
453 environment – can be better interrogated. Specifically, I have argued that through  
454 (re)constructing ecology as a home, we can best identify the vast social-ecological pressures,  
455 including systemic racism, charged rhetoric, and constructed perceptions, that shape wildlife  
456 ecology. My hope is that by grounding ecology as a dwelling place and working within a home,  
457 an intimate atmosphere for a multitude of concepts, bodies, and souls to interact at a never-

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458 ending table can be created. This intimate ecological atmosphere calls for the abolition of  
459 taxonomic hierarchies because intimacy, and by extension respect, care, and coexistence, cannot  
460 exist with dominion. Through ecological homemaking, we can begin to understand the  
461 positionality of wildlife in our constructed world, how this varies across organisms based on  
462 their social and ecological niches, and how the ecological pressure wildlife are subjected to is a  
463 direct consequence of this violent, constructed world.

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