

PROJECT COYOTE

F O S T E R I N G C O E X I S T E N C E



To: Wildlife Resources Committee Predator Task Force

Re: Initial comments and proposed amendments to the California Fish and Game Code sections and Regulations regarding the State’s responsibilities pertaining to predator management, conservation, and stewardship

Date: November 11, 2013

On behalf of our California supporters, Project Coyote submits the following initial comments and proposed amendments to the California Fish and Game Code sections and Regulations regarding the State’s responsibilities pertaining to predator management, conservation, and stewardship.

As discussed in detail below, the rationale for our proposed amendments is fourfold:

- (1) to ensure that the California Department of Fish and Wildlife (hereinafter “the Department”) and the California Fish and Game Commission (hereinafter “the Commission”) abide by their common law and statutory duties to protect and preserve the State’s wildlife resources pursuant to the public trust doctrine;
- (2) to ensure that Department regulations are consistent with its existing predator policy which applies to *all* species of wildlife and only authorizes the application of depredation methods towards individual animals which have caused injury or damage to private property, and consistent with sections of the California Fish and Game Code which authorize the same;
- (3) to incorporate ethical standards and economic considerations that reflect the valuable role predators play in maintaining ecosystem functioning, resilience, and health as well as public values/appreciation for wildlife/predators;
- (4) to modernize predator conservation and stewardship throughout the state to reflect current science, conservation biology, and ecological principles utilizing an adaptive management approach.

I. The Department and the Commission have both common law and statutory duties to protect and preserve all of the State’s wildlife resources pursuant to the public trust doctrine.

All wildlife in the State of California that is not held by private ownership or legally acquired is the property of the people. Pursuant to the public trust doctrine, the State has a common law duty to act as the Trustee to preserve and protect wildlife resources for present and future

generations of Californians. Indeed, the State’s duty along these lines has been codified in the California Fish and Game Code §711.7, subdivision (a), which appoints the Department as a trustee over State wildlife resources. Moreover, Fish and Game Code §1801 provides that all wildlife resources under the jurisdiction and influence of the State should be conserved for the benefit of all citizens of California, as well as to maintain their intrinsic and ecological value. The Commission has been granted regulatory and permitting authority to institute changes in the Fish and Game Code and issue permits pursuant to the Code necessary to protect wildlife (CA Fish and Game Code §§ 200 et seq.) **We request that both the Commission and Department abide by their respective duties to protect and conserve all California wildlife species for the benefit of California residents.**

Public surveys indicate that the majority of Californians support protective measures for wildlife – including predators – regardless of how the predator species classified. These protectionist values are evident through California voters’ support of public ballot measures to protect predators and restrict take methods deemed cruel and/or indiscriminate Prop. 4 passed in 1998 and Prop. 117 passed in 1990 are examples of citizen desire to preserve and respect wildlife. As shown below, the Department’s stated position on predators expressly applies to “all” species of wildlife. In proposing amendments to the Department’s predator regulation and code sections, Project Coyote requests that the Commission and Department abide by their duties under the public trust doctrine and conform their existing regulations to the Department’s stated predator policy – which applies to all wildlife species, regardless of how the predator species are classified (e.g., nongame, furbearing or game species) – as well as existing Code sections.

II. The Department’s stated predator policy expressly applies to *all* wildlife species, and permits that depredation control methods may be directed only towards those individual animals that have been found to have caused damage to private property or to have presented an immediate threat thereto.

The Department’s existing predator policy states:

All wildlife *shall* be maintained in harmony with existing habitat whenever possible. In the event that *some* birds or mammals may cause injury or damage to private property, depredation control methods directed towards the *offending animals* may be implemented.

Under the Department’s existing predator policy, the Department has a mandatory duty to maintain *all* species of predators in harmony with existing habitat whenever possible – regardless of how the predator is classified, whether it be a game, nongame or furbearing species. Moreover, depredation efforts may only be applied towards those individual animals that have been found to have caused damage to private property or presented an imminent threat thereto. Project Coyote takes issue with the Department’s current stance – as expressed in the current form of its regulations and code that treat predators that are classified as “nongame” or “furbearing” differently than those that are classified as game.

While we applaud many of the recent amendments to the depredation regulations, as codified in §401, Title 14, which went into effect November 1st and require issuance of a permit to take elk,

bear, beaver, bobcat, wild pigs, deer, wild turkeys and gray squirrels that are damaging or destroying or immediately threatening to damage or destroy land or property, we have serious concerns regarding the lack of similar measures for other predators based solely on their classification as “nongame” or “furbearing.” As addressed in greater detail in the following section, the current classification of predators as “game,” “nongame,” and “furbearing” has no scientific basis and is outdated under concepts of modern conservation biology and ecological principles. Our proposed amendments address the lack of consistency currently apparent in the Department regulations for predator species, we believe in a reasonable manner, and will help to bring the Department’s regulations in compliance with its obligations under both the public trust doctrine and its stated predator policy. In addition, our proposed amendments will also help to eliminate inconsistencies in the regulations for the existing classifications of predator species. For example, under the current form of the regulations and code, California Fish and Game Regulation § 472(a) authorizes unlimited takes of nongame mammals, while § 4152 of the Code only authorizes the taking of nongame mammals found to be injuring growing crops or other private property. Clearly, the regulation for nongame mammals should be brought in line with the current form of the Code.

III. The Commission and Department should incorporate ethical standards and economic considerations in the California Fish and Game regulations and code that reflect the valuable role predators play in maintaining ecosystem functioning, resilience, and health as well as the public’s appreciation of predators

Over the last fifty years, humankind’s understanding of wildlife and ecosystems has expanded and societal attitudes about our relationship with the natural world have shifted. Our scientific understanding of animals – their ecology, physiology, behavior, cognition, sentience, and psychology – is broadening, and we are recognizing that animals have intrinsic value apart from their perceived economic value to humans (Messmer et al. 2001). This evolution in societal beliefs challenges old notions in how we relate to non-human animals. Americans today value the welfare of all beings and believe that the human species has a moral obligation to be compassionate and humane toward the other species and animals which have a right to live their lives on Earth, undisturbed by people, in their natural environments, without abuse or cruelty or the unraveling of their social relationships (Treves et al. 2013). Old fairy tales and fables that demonize certain animals such as wolves and coyotes are being deconstructed. With the ominous consequences of our choices and activities increasingly apparent, humankind is finally coming to understand that our economic and political systems simply cannot operate to keep human societies and civilization disconnected from the Earth’s natural systems and continue to survive.

With this as a backdrop, we believe the Department and the Commission have an opportunity – and an obligation – to modernize predator stewardship and to bring the state’s regulations, policies and codes in line with current science – both biological and social – while incorporating ethical protocols, standards, and criteria in how predators are managed statewide. We strongly encourage the Department and the Commission to undertake scientific review and survey of the people towards predators, current predator management and conservation, and economic value and perception, especially in a state with rapidly changing perception and recreational trends

where fewer than 1% of Californians hunt and a growing number are engaged in a wide range of non-consumptive wildlife uses. Again, there is an extant scientific literature and basis to quantify these issues (USDOJ et al. 2011; <http://www.census.gov/prod/2013pubs/fhw11-ca.pdf>).

IV. The Commission and Department should modernize its Predator Conservation and Stewardship Regulations, Policies and Code to Reflect Current Science, Conservation Biology, and Ecological Principles in an Adaptive Management Framework.

The Department and the Commission acknowledge that the State's regulations, policies and codes pertaining to predator management are outdated, fail to incorporate the best available science, are often inconsistent, and create confusion for wildlife managers, enforcement personnel and the general public. We commend the Commission for tasking the newly formed Wildlife Resources Committee (WRC) with a comprehensive review of the State's policies and practices regarding predator management – or more appropriately predator conservation and stewardship. We believe that the Commission has an opportunity to set a trend and to demonstrate that California is a leader in how it manages its predators, and that its policies and practices are based in science, ethics, and economics.

We believe that the attached Carnivore Conservation Act presents a model template for carnivore conservation nationwide and one that can be adapted to the specific conditions in California. We encourage the WRC and the Department to consider the provisions in this Act for California, as the Act represents the best available science regarding the role of predators in maintaining ecosystem functioning and health and shifting public values that reflect an appreciation for predators both for their ecological benefits and intrinsic worth.

In addition, we recommend that the Department's current adaptive management program be augmented to include information on current populations and known anthropogenic and non-anthropogenic impacts on their population and the habitats that sustain them. We further recommend that the Commission sanction an independent, scientific review of the State's predator management policies that includes any and all recommendations made by the WRC.

With the aim of modernizing California's predator conservation and stewardship program, Project Coyote recommends the following changes to the State's predator regulations, policies, and code. Not only will our proposed changes help to bring the State in line with current science and societal beliefs, but they will help to ensure compliance with the Department's obligations under the public trust doctrine and consistency with its stated predator policy. Because of the complexity of the State's predator regulations, policies, and code we also strongly suggest that the Department sanction its own internal review to ensure that inconsistencies are addressed that WRC predator policy task force members may have missed.

1. The Department's duty to limit take of predators & implement consistent protocols and regulations with regard to mitigating predator conflicts and damage

Allowing the unlimited take of species such as bobcats, coyotes, and gray fox is counter to current science and ecological thinking. It fails to incorporate any assessment of the ecological

value these animals provide to the ecosystems they inhabit (see Bergstrom et al. 2013 for a partial overview of an extant scientific literature on this subject). Thus, modern science tells us that altering predator prey populations through indiscriminate killing can have cascading and long-term negative impacts to the ecology of a given bioregion (see Crooks and Soule, 2009 for a state example of the extant scientific literature on this subject). We also now know that large carnivores are critical to ecosystem health and resilience (Weaver et al. 2002). Given this knowledge, we believe it is incumbent upon the Department to remove unlimited take provisions in its regulations for all native carnivores in California (see attached proposed Massachusetts Carnivore Conservation Act, hereinafter “Carnivore Conservation Act”). We strongly encourage the Department to rethink its current classifications of predator species that appear to have no scientific basis for separate classifications (e.g. game mammal, nongame, furbearing, etc.) and consider a new classification of “native carnivore” for all predator species that would provide certain provisions and protections for all such species and would only allow takes under narrowly defined terms and conditions. Classifying predators in this manner would ensure that the Department and Commission are meeting their duties to manage all species of wildlife pursuant to its existing predator policy as well as the public trust doctrine.

We also contend that it is the Department’s responsibility to strictly regulate the taking of predators when very little (if any) baseline population data exists for these species in California. In the absence of such critical population data the State should be implementing the Precautionary Principle and limiting the takes of predator species, particularly when they are known to be affected by anthropogenic impacts (e.g., trapping/hunting, habitat restoration, changing land-use activities) and non-anthropogenic impacts (climate change and disturbance events such as drought, fires, and floods).

Again, consistent with its Trustee obligations under the public trust doctrine and its stated predator policy, the Department must limit the take of predator species, regardless of whether the predators are classified as game species, nongame species, or furbearing mammals. As referenced above, the Department’s stated predator policy expressly applies to *all* wildlife species, and authorizes that depredation control methods may be directed only towards those *individual* animals that have been found to have caused damage to private property or to have presented an immediate threat thereto.

Currently, California Fish and Game Code § 4152 allows the taking of nongame mammals and black-tailed jackrabbits, muskrats, subspecies of red fox that are not the native Sierra Nevada red fox and red fox squirrels that are “found to be injuring growing crops or other property.” While this section of the regulations is consistent with the Department’s stated predator policy, reportedly, it is not regularly enforced. Moreover, it is inconsistent with § 472(a) of the California Fish and Game regulations which allows “the following nongame birds and mammals to be taken *at any time of year and in any number... coyotes...*”

Just as the State has recently modernized its protocols with regard to how conflicts with mountain lions are handled, we believe the same detailed protocols, policies and regulations should be applied to other California predator species. As with the new mountain lion protocol, the use of lethal control should be employed against predator species only after nonlethal methods have been fully exhausted and only in response to localized, verified injurious wildlife

problems in which an animal has caused or immediately threatened to cause injury or damage to private property. In general, we strongly recommend that any and all lethal control of any predatory species be justified *a priori* on an ecological, economic, and ethical basis and must use the best science, techniques, and survey methods available. Then, this assessment needs to be fully compared to the increasing development of successful non-lethal methods and programs including those successful in the State (Fox 2008, Fimrite 2012). If justified, any taking methods employed should be target-specific to remove only the offending animal(s). Assuming the Department abides by such criteria and ethical standards, current taking methods and practices directed towards predator species that are arguably inhumane and indiscriminate and/or ecologically unsound would be prohibited. These include but are not limited to: predator/wildlife killing contests, snares, and hounding (for take).

In order for the Department to uphold its responsibilities to protect all wildlife species under the public trust doctrine and its existing predator policy, as well as to maintain consistency with the existing Code section for the taking of nongame mammals, Project Coyote proposes amendments to §§ 472 and 401 of the Fish and Game Regulations and §4152 of the California Fish and Game Code (please see attached).

1. Prohibiting wildlife killing contests in California

In California predators including coyotes and gray fox have been subject to unjustified mass and indiscriminate killings—whether or not private property damage had occurred or even been threatened. These organized killing contests are sometimes organized and conducted under the inducement of prizes or monetary rewards and violate the concept of “fair chase.” Project Coyote believes that by allowing such killing contests to continue, the Department and the Commission are abrogating their duties to California citizens to protect wildlife under both the public trust doctrine and the Department’s stated predator policy—which is expressly applicable to *all* species.

Predator species are generally not taken for consumption. Allowing organized, mass indiscriminate killing of predators is not only cruel to the species involved, but disruptive to California’s native ecosystems by unnaturally altering the balance of predator and prey species. This can result in an overabundance of prey and pest species, which, in turn can damage crops and other types of private property. For example, we know conclusively from studies in Yellowstone and elsewhere (see Estes et al. 2011, Ripple and Beschta 2012, and Ordiz et al. 2013) that large carnivores are vital to maintaining healthy ecosystems and species diversity. Their presence helps to maintain native plant communities by keeping large herbivore populations in check, contributing to the health of forests, streams, fisheries and other wildlife. Their absence leads to ecosystem simplification and a loss of biodiversity. As previously cited above, the effects of lethal control on apex carnivores has been shown to affect numerous species including reduction or increase of smaller carnivores—reverse or standard meso-predator release. Moreover, indiscriminate killing of predators is not only ineffective but is often counterproductive and at odds with the principles of conservation biology, ecosystem based management theory, and population ecology (see attached scientific opinion letter by Crabtree, 2013 which is based on numerous studies, many of which are reviewed in Crabtree and Sheldon,

1999). There is extant scientific literature on these issues and we strongly urge the Commission to support independent scientific evaluation of predator killing and removal.

The coyote-killing contest that took place in Modoc County last February generated tremendous public outcry and national media attention. Project Coyote submitted a letter on behalf of 25 organizations representing more than one million Californians asking that this contest hunt be stopped based on ecological and ethical concerns. In addition, more than 20,000 letters, emails and petition signatures were submitted to the Commission and the Department protesting the contest. The Commission and the Department have yet to respond to the public on this issue.

Project Coyote submits that consistent with its Trustee obligations under the public trust doctrine, the Department's stated predator policy, and § 4152 of the Code, which only authorizes the taking of nongame mammals found to be injuring growing crops or other private property, the Commission and Department must make it unlawful to offer any prize, inducement, or monetary reward for the taking of any gamebirds, mammals—including all species of predators—fish, reptiles or amphibians in an individual contest, tournament or derby pursuant to § 2003 of the California Fish and Game Code. Exceptions may be made for game fish and frog jumping contests pursuant to subsections (b) and (c) of the code. To institute a ban on wildlife killing contests, Project Coyote recommends amending § 2003 of the Code by deleting subsection (d) in its entirety, which currently authorizes wildlife taking contests valued at \$500.00 or less. We believe subsection (d) provides a loophole under which mass, indiscriminate wildlife killing contests for predators and other species are conducted. This loophole should be eliminated.

3. Wildlife Trapping

Through the passage of Proposition 4 (passed in 1998) and AB 789 (signed into law this year) restrictions were made to wildlife trapping and killing practices as reflected in California Fish and Game Code § 3003.1, § 3003.2 and § 12005.5 in 1998 (also known as "Proposition 4") and Code§ 4004, earlier this year. The Commission and Department should update sections of the Fish and Game Code relating to trapping and all sections of its rules and regulations adopted under those Codes to reflect these legislative changes and ensure consistency.

California Fish and Game Code § 3003.1 provides a gaping loophole through which snares may be used to take fur-bearing and non-game mammals to protect private property. Public surveys indicate that Californians do not support wildlife-killing methods deemed inhumane and indiscriminate. Moreover, increased media coverage of animals caught and suffering in snares and local efforts to prohibit the use of snares- including a proposal to ban their use in Los Angeles - the use of snares has led to heightened public concerns about their use in California (see attached article - and video link).

Both the code and regulations are presently riddled with inconsistencies regarding trapping, which must be eliminated in order to provide consistent guidance to both enforcement personnel and to the public. For example, Fish and Game Code§ 4004, which fails to provide a complete ban on the use of steel-jawed traps must be made consistent with Code§ 3003.1-- which clearly provides: "[i]t is unlawful for any person, including an employee of the federal, state, county, or

municipal government, to use or authorize the use of *any* steel-jawed leghold trap, padded or otherwise to capture any game mammal, fur-bearing mammal, nongame mammal, protected mammal, or any dog or cat.” In addition, § 465.5 of the regulations relating to the use of traps-- which was not provided by the Department in its compilation of current policies, code sections and regulations regarding predator management and depredation-- continues to allow certain body-gripping traps and snares to trap furbearing and nongame mammals in situations unrelated to commerce or recreation.

Project Coyote’s Executive Director Camilla Fox and Science Advisory Board member Dr. Paul Paquet served on a national advisory committee to assist the Sierra Club in developing a national policy on the use of traps. The Sierra Club’s national board adopted this policy in 2012:

Policy on Trapping of Wildlife

Use of body-gripping devices* – including leghold traps, snares, and Conibear® traps – are indiscriminate to age, sex and species and typically result in injury, pain, suffering, and/or death of target and non-target animals.

The Sierra Club considers body-gripping, restraining and killing traps and snares to be ecologically indiscriminate and unnecessarily inhumane and therefore opposes their use. The Sierra Club promotes and supports humane, practical and effective methods of mitigating human-wildlife conflicts and actively discourages the use of inhumane and indiscriminate methods.

Sierra Club recognizes the rights of indigenous peoples under federal laws and treaties granting rights of self-determination and rights to pursue subsistence taking of wildlife.

*Body gripping device – includes, but is not limited to, any snare (neck, body, or leg), kill-type trap (such as the Conibear®), leghold trap (including steel-jaw, padded, offs et), and any other device designed to grip a body or body part. This definition includes any device that may result in injury or death because of the mechanism of entrapment. Live cage and box traps, and common rat and mousetraps shall not be considered body-gripping devices.

Board of Directors, May 19, 2012.¹

Project Coyote believes that this policy reflects national and international trends toward banning wildlife traps deemed cruel, non-selective, and ecologically unsound. We encourage the Department and the Commission to consider adopting this policy and banning snares by amending § 465.5 of the regulations and § 3003.1 of the Code. In so doing, California would be joining numerous other states that have outlawed snares including Illinois, Colorado, Washington, Connecticut, New York, New Hampshire, Oklahoma, Rhode Island, Vermont, North Carolina and South Carolina.

¹ See: <http://www.sierraclub.org/policy/conservation/Trapping-Wildlife.pdf>

4. Use of hounds for taking wildlife

The use of dogs to hunt mammals, also known as “hounding” often involves the use of high-tech radio collars and GPS devices that allow the hunter to monitor the dogs’ activity from a distance. A pack of technologically outfitted dogs is released to chase a stressed wild animal for long distance, across all types of terrain, even sometimes including private property — with no direct oversight from the hunter. The dogs pursue the animal to the point of exhaustion then the dogs either attack and maul the animal—which may cause a lingering, traumatic and painful death, even resulting in injury to the dogs —or, the animal climbs a tree to escape the chase. Because the hunter is unable to keep up with the dogs and monitor their activity, the use of dogs can result in injury and death of non-target animals, including other wildlife species, pets, and farm animals. It can also result in damage to private property. Hound hunting violates the rules of “fair chase”.

Current law allows the use of hounds for both pursuing and taking a variety of predators and other mammals classified as furbearers and nongame. Under § 1-89.1 of the California Fish and Game Code, the term “take” means to “hunt, pursue, catch, capture or kill, or attempt to hunt, pursue, catch, capture or kill” a species of wildlife. Public opinion polls do not support the use of dogs to “capture” or “kill” wildlife species. Last year the California legislature passed SB 1221, prohibiting the use of hounds for pursuing and taking bears and bobcats and provided limited exemptions now reflected in Section 401. Such a prohibition should be applied equally to all species.

Project Coyote understands that the use of dogs may be justified in limited circumstances for scientific research purposes or to track and tree predators causing injury or damage to private property under a depredation permit issued by the Department. However, allowing the taking/killing of predators/mammals with hounds is ecologically unsound, ethically unjustifiable and counter to public sentiment. Moreover, allowing hounding for some species and not others creates myriad enforcement challenges. Project Coyote urges a ban on the taking of mammals with dogs to ensure consistency in the law and ease of enforcement in the field.

Initial Concluding Remarks

In closing, Project Coyote has been working to increase the acceptance and tolerance of native carnivores throughout California and is working directly with communities to implement effective strategies that promote coexistence and mitigate conflicts between people, wildlife and domestic animals. A prime example of these coexistence strategies is the Marin County Livestock and Wildlife Protection Program described in the attached summary. It has been our experience that when Californians come to understand 1) the important role native carnivores play in maintaining healthy ecosystems, 2) their intrinsic value, and 3) the inefficiency of lethal control, that they will support predator stewardship and conservation including non-lethal control measures. At the opposite end of this understanding lies unlimited and indiscriminate takings as exemplified by predator killing contests that appear to have no justifiable basis in ecology, ethics, or economics.

Enclosed, please find our initial proposed amendments to the Department's regulations and Code. We stand poised to work with the State to bring California to the forefront of predator stewardship and conservation, as supported by the majority of public opinion polls.

We urge you – as stewards of California's wildlife – to abide by your duty to preserve and protect all wildlife species for the citizens of the State.

Thank you for your consideration.

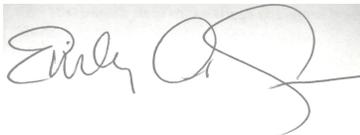
Respectfully submitted,



Camilla H. Fox
Executive Director



Robert Crabtree, PhD
Science Advisory Board, Project Coyote



Emily Gardner, MS, JD, LLM
Legal Advisor, Project Coyote

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California Terrestrial Predators and Furbearers

Big Game	Order	Super-family	Family	Sub-family	Tribe
Northwestern Black Bear	Carnivora		Ursidae		
California Black Bear	Carnivora		Ursidae		
Furbearing Mammals	Order	Super-family	Family	Sub-family	Tribe
Fisher	Carnivora		Mustelidae		
Marten	Carnivora		Mustelidae		
River Otter	Carnivora		Mustelidae	Lutrinae	
Desert Kit Fox	Carnivora		Canidae		
Native Valley Red Fox	Carnivora		Canidae		Vulpini
Sierra Nevada Red Fox	Carnivora		Canidae		Vulpini
Badger	Carnivora		Mustelidae	Taxideinae	
Gray Fox	Carnivora		Canidae		
Muskrat	Rodentia	Muroidea	Circetidae	Arvicolinae	Ondatrini
Mink	Carnivora		Mustelidae		
Beaver	Rodentia		Castoridae		
Raccoon	Carnivora		Procyonidae		
Nongame Mammals	Order	Super-family	Family	Sub-family	Tribe
Bobcat	Carnivora		Felidae		
Coyote	Carnivora		Canidae		
Striped Skunk	Carnivora		Mustelidae		
Spotted Skunk	Carnivora		Mustelidae		
Opossum	Didelphimorphia		Didelphidae	Didelphinae	
Short-tailed Weasel	Carnivora		Mustelidae		
Long-tailed Weasel	Carnivora		Mustelidae		
Gray Wolf	Carnivora		Canidae	Caninae	Canini
SSC Mammals	Order	Super-family	Family	Sub-family	Tribe
Island Spotted Skunk	Carnivora		Mustelidae		
(Non-furbearer) Threatened and Endangered Mammals	Order	Super-family	Family	Sub-family	Tribe
San Joaquin Kit Fox	Carnivora		Canidae		
Island Fox	Carnivora		Canidae		
Santa Cruz Island Fox	Carnivora		Canidae		
Catalina Island Fox	Carnivora		Canidae		
Specially Protected Mammals	Order	Super-family	Family	Sub-family	Tribe
Mountain Lion	Carnivora		Felidae	Felinae	
Fully Protected Mammals	Order	Super-family	Family	Sub-family	Tribe
Wolverine	Carnivora		Mustelidae	Mustelinae	
Ring-tailed Cat	Carnivora		Mustelidae		

Genus	Species	Sub-species	take status
Ursus	americanus	altifrontalis	season/area §365
Ursus	americanus	californiensis	season/area §365
Genus	Species	Sub-species	take status
Martes	pennanti		No Take-§460
Martes	americana		No Take-§460/ Threatened FG 2080
Lontra	canadensis		No Take-§460
Vulpes	macrotis	arsipus	No Take-§460
Vulpes	vulpes	ssp	No Take-§460
Vulpes	vulpes	nector	No Take-§460/ Threatened FG 2080
Taxidea	taxus		season §461
Urocyon	cinereoargenteus		season §461
Ondatra	zibethicus		season §462
Mustela	vison		season §462
Castor	canadensis		season/area §463
Procyon	lotor		season/area §464
Genus	Species	Sub-species	take status
Lynx	rufus		season §478
Canis	latrans		year round §472 §474
Mephitis	mephitis		year round §472 §474
Spirogale	gracilis		year round §472 §474
Didelphis	virginiana		year round §472 §474
Mustela	erminea		year round §472 §474
Mustela	frenata	(9)	year round §472 §474
Canis	lupus		depredation dnly- FG4152
Genus	Species	Sub-species	take status
Spirogale	gracilis	amphialus	No Take NP/Nature Conservancy managed lands.§670.5
Genus	Species	Sub-species	take status
Vulpes	macrotis	mutica	No Take-FG 2080
Urocyon	littoralis	(6)	No Take-FG 2080
Urocyon	littoralis	santacruzae	No Take-FG 2080
Urocyon	littoralis	catalinae	No Take-FG 2080
Genus	Species	Sub-species	take status
Puma	concolor	couguar	No Take-FG 4800, §251.4
Genus	Species	Sub-species	take status
Gulo	gulo	luscus	No Take-FG 4700
Bassariscus	astutus		No Take-FG 4700