



# Animal Welfare Institute

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**BY ELECTRONIC AND REGULAR MAIL**

Submitted via <http://www.regulations.gov>

Public Comments Processing  
Attn: FWS-R9-ES-2010-0086  
Division of Policy and Directives Management  
U.S. Fish and Wildlife Service  
4401 N. Fairfax Drive, MS 2042-PDM  
Arlington, VA 22203

Dear Sir or Madame:

RE: Comments on the status review of the split-listing of chimpanzees (*Pan troglodytes*) to determine if both wild and captive chimpanzees should be designated as endangered pursuant to the Endangered Species Act of 1973 (76 Fed Reg. 54423)

On behalf of the Animal Welfare Institute (AWI), please accept the following comments on the above-referenced U.S. Fish and Wildlife Service (hereafter FWS or the Service) decision to initiate a status review to determine if the full protections of “endangered” status under the Endangered Species Act (ESA, the Act or the statute) should be extended to all chimpanzees (hereafter status review).

The purpose of the status review is to determine if there is sufficient scientific and legal evidence to reclassify captive chimpanzees (*Pan troglodytes*) from their present status as “threatened” under the ESA to “endangered.” AWI strongly supports the intent of the petition submitted by animal protection, zoological, and wildlife conservation organizations and asserts that the content of that petition clearly and indisputably demonstrates that the petitioned action is warranted. Ultimately, listing all individuals of the species *Pan troglodytes*, whether they live in the wild or in captivity, as endangered will better provide for their conservation under the ESA by prohibiting their commercial exploitation, restricting their use as laboratory animals, ending the interstate sale and trade of captive chimpanzees in the United States (hereafter US) as pets, and demonstrating to the world that the US is fully committed to the actions necessary to protect and recover chimpanzees.

This comment letter strongly supports, pending completion of this status review, FWS’ publication of a proposed rule to uplist captive chimpanzees to the more protective status of endangered under the ESA. Allowing for the continued exploitation of captive chimps under the current special rule is inconsistent with the purpose of the ESA, has contributed to the

exploitation and abuse of the species, has undermined range state efforts enforce national laws to protect the species, and does not further conservation of the species in captivity or in the wild.

**Endangered Species Act (ESA) & Captive-Bred Wildlife (CBW) Regulations:**

The ESA mandates that listing determinations be made solely on the best scientific and commercial data available.<sup>1</sup> The Act was amended to “prevent non-biological considerations from affecting listing decisions,” including the economic costs associated with protecting species.<sup>2</sup> Moreover, in keeping with the overall purposes of the statute, even where the best available scientific evidence leaves some doubt as to the status of the species, the Service is required to “give the benefit of the doubt” to the species.<sup>3</sup>

While some captive propagation efforts can benefit wild populations, the Service has recognized that “uses of captive wildlife can be detrimental to wild populations” and that regulations governing captive use of species should “strike the most favorable balance for conservation of wildlife.”<sup>4</sup> To ensure that captive populations of listed species are managed for conservation purposes, the FWS issued captive-bred wildlife (CBW) regulations granting permission to engage in activities otherwise prohibited by Section 9 with respect to non-native endangered or threatened animals that are born in captivity, but only if the purpose of such activity is to “enhance the propagation or survival of affected species.”<sup>5</sup> The agency admonished that these activities should only be permitted when wild populations are sufficiently protected from unauthorized taking and when it can be shown that such activities would not be detrimental to the survival of the wild or captive populations of the species.<sup>6</sup> The FWS also explained its concern that the CBW registration system could be used for purposes that do not contribute to conservation, such as for pets, research, or entertainment that does not benefit the species.<sup>7</sup> FWS also noted that the statute defined “take” to apply to all listed wildlife, “whether wild or captive.”<sup>8</sup>

**History of Chimpanzee Split Listing:**

Pursuant to Section 4(d) of the Act, the Service issued a “special rule” for the chimpanzee in 1976 when it was listed as threatened providing that all of the Section 9 prohibitions that apply to endangered species under the Act would also apply to the “threatened” chimpanzee. This special rule provided that these prohibitions would not apply in the case of live chimpanzees held in captivity in the United States on the effective date of the rulemaking, the progeny of such chimpanzees or the progeny of chimpanzees legally imported into the United States after the effective date of the rulemaking.<sup>9</sup>

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<sup>1</sup> 16 U.S.C § 1533(b)(1)(A).

<sup>2</sup> H.R. Conf. Rep. No. 97-835 at 19 (1982).

<sup>3</sup> *Conner v. Burford*, 858 F.2d 1441, 1454 (9<sup>th</sup> Cir. 1988).

<sup>4</sup> 44 Fed. Reg. at 30045 (May 23, 1979).

<sup>5</sup> 44 Fed. Reg. 54002, 54007 (September 17, 1979).

<sup>6</sup> 44 Fed. Reg. at 54002.

<sup>7</sup> 57 Fed. Reg. 548, 550 (January 7, 1992).

<sup>8</sup> 63 Fed. Reg. at 48636 (September 11, 1998).

<sup>9</sup> 41 Fed. Reg. at 45993 (October 19, 1976).

On March 12, 1990, the FWS published a final rule to reclassify wild chimpanzees as “endangered,” but to maintain the “threatened status for captive chimpanzees.”<sup>10</sup> The FWS also revised its “special rule” to clarify that while all “endangered” wild chimpanzees would receive the protections of the ESA, none of them would apply to the “threatened” chimpanzees held in captivity in the U.S.<sup>11</sup> The agency decided to maintain the “threatened” status with none of the protections afforded under the ESA for those captive individuals on the grounds that the chimpanzee is “considered to be of much importance in biomedical and other kinds of research... and for use by zoos, as pets and in entertainment.”<sup>12</sup> In fact, exempting exploitation of chimpanzees in captivity was primarily done to facilitate biomedical research.<sup>13</sup> Incidentally, the Service also stated that to the extent that self-sustaining breeding groups of captive chimpanzees provide surplus animals for research and other purposes, there may be reduced probability that other individuals of that species will be removed from the wild.<sup>14</sup>

### **Threats to Chimpanzee Conservation from Split Listing:**

There is overwhelming scientific and commercial evidence, as documented in the petition, that the current “threatened” status of captive chimpanzees has led to pervasive exploitation of this species. The existing regulatory scheme provides that the “take” prohibition of the ESA does not apply to captive chimpanzees residing in the U.S., resulting in the species being used for commercial purposes including entertainment (i.e., television shows, television advertisement, print advertisement, private and public chimpanzees shows, opportunities for people to be photographed with chimpanzees, all of which require abusive treatment of the animals), pet ownership (involving intra and interstate sales of chimpanzees, irresponsible breeding), and invasive biomedical research. The net effect of permitting and tolerating such exploitation of captive chimpanzees in the U.S. is directly undermining international, domestic, and range country conservation efforts to save the species from extinction.<sup>15</sup>

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<sup>10</sup> The Service asserted that “to the extent that self-sustaining breeding groups of captive *P. troglodytes* provide surplus animals for research and other purposes, there is a reduced probability that other individuals of that species will be removed from the wild.” 54 Fed. Reg. 8152-53 (February 24, 1989).

<sup>11</sup> 55 Fed. Reg. 9129 (March 12, 1990); 50 C.F.R. § 17.40(c).

<sup>12</sup> 55 Fed. Reg. at 9130 (March 12, 1990).

<sup>13</sup> Memorandum to the Director from Regional Director, Region 8 (Nov. 16, 1988) at pg. 2; *see also* 54 Fed. Reg. at 8152.

<sup>14</sup> 55 Fed. Reg. at 9130 (March 12, 1990).

<sup>15</sup> Common depictions of chimpanzees wearing suits and ties on television, in movies and in other forms of advertising decrease the species’ chance of success in the wild, research has shown. After viewing the chimpanzees’ appearances, viewers were found to be less likely to contribute to their conservation, according to a Duke study published in the journal *PlosOne* on Oct 12. *See* The Chronicle, *Chimpanzees’ public profile belies endangered status*, available at <http://dukechronicle.com/article/chimpanzees-public-profile-belies-endangered-status> (October 20, 2011).

In the U.S., captive chimpanzees are either maintained in “accredited” zoological parks, privately owned including in road-side animal menageries, kept in “sanctuaries,”<sup>16</sup> owned and exploited by those in the entertainment industry, or used for laboratory experiments (including those owned by the federal government and private laboratories). With the apparent exception of “accredited” zoological parks, the other entities that possess captive chimpanzees are often interlinked through intra and interstate sales. Animal menagerie owners engaged in the irresponsible breeding of chimpanzees have the ability, given the inadequacy of existing U.S. laws, to unload unwanted animals through sale to the pet or entertainment industries. Young chimpanzees can be exploited for years as pets or as entertainment props before they grow to such a size and strength that they then become dangerous. At that stage, the animals can be sold back to menageries or to the laboratory animal industry.

### **Entertainment, Breeding and Pets:**

Chimpanzees used in the entertainment industry are subject to exhibition, used as props for photographs, forced to perform on the big and small screen, used in print advertisements, and used to perform in animal acts/circuses due to the species allure as humans’ closest living relative, their human-like features, the “cuteness” value of younger animals, and the species overall popularity. The petition provided an abundance of examples of captive chimpanzees used in the entertainment industry.

As documented in the petition, methods used in order to get chimpanzees to perform can be brutal and often involve routine beatings, removal of teeth to reduce likelihood of a dangerous attack, food and water deprivation, and forcing the animals to perform acts that are frequently entirely unnatural. Minus a special exemption for captive chimps, these acts are in contravention of the ESA. Under Section 9 of the statute, it is unlawful to take, import, deliver, receive, carry, transport, or ship any endangered species into the United States or in interstate or foreign commerce.<sup>17</sup> Take includes “harass, harm, pursue, hunt, shoot, wound, kill, capture or collect.”<sup>18</sup> The FWS has further defined the term “harass” to mean “an intentional or negligent act or omission which creates the likelihood of injury to wildlife by annoying it to such an extent as to significantly disrupt normal behavioral patterns which include, but are not limited to, breeding, feeding or sheltering.”<sup>19</sup> The agency further found that “maintaining animals in inadequate, unsafe or unsanitary conditions, physical mistreatment, and the like constitute harassment because such conditions might create the likelihood of injury or sickness.”<sup>20</sup> Such measures only include a “regulated taking” of the species in the “extraordinary case where population pressures within a given ecosystem cannot otherwise be relieved.”<sup>21</sup>

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<sup>16</sup> There are a number of sanctuaries in the U.S. that maintain captive chimpanzees. Not all sanctuaries are cut from the same cloth as some are credible and provide excellent care for the chimpanzees in their facilities, while the care provided by other sanctuaries is often lackluster.

<sup>17</sup> 16 U.S.C. §§ 1538(a)(1)(A)-(E).

<sup>18</sup> 16 U.S.C. § 1532(19).

<sup>19</sup> 50 C.F.R. § 17.3.

<sup>20</sup> 63 Fed. Reg. at 48638.

<sup>21</sup> *Id.*

Clearly, the petition demonstrates that many of the conditions that constitute harassment under the ESA are present for captive chimpanzees. Under Section 4(d) of the statute, a “special rule” was implemented for captive chimpanzees depriving them of basic take prohibitions. However, special rules under Section 4(d) which govern a particular threatened species must also provide for the conservation of the species, i.e. its recovery in the wild.<sup>22</sup> Such a special rule was promulgated by the FWS for chimpanzee (as detailed below) but it has failed to provide for the conservation of the species.

Roadside animal menageries and some private chimpanzee owners also routinely breed chimpanzees knowing full well that baby or juvenile chimpanzees are of far greater value – for exhibition or for sale – than adult chimpanzees. This breeding is done without any concern of genetics, resulting in offspring that will have no conservation value in terms of providing for the recovery of the species in the wild. Furthermore, the use of chimpanzees in entertainment has, given the fact that these are wild and unpredictable animals, resulted in incidents where the chimpanzees have lashed out at their trainers, keepers, handlers, or others on the production set or at the performance venue thereby representing a threat to both public safety and to the well-being of the captive chimpanzees. Because many trainers rely heavily on beating chimpanzees into submission to transform them into entertainers, these animals have behavioral abnormalities that can be a threat to public safety. For example, in February 2009, Stamford, Connecticut police shot and killed a 14 year-old, 200 pound chimpanzee (“Travis”) that had previously starred in commercials after he brutally mauled his owner’s friend, Charla Nash. Travis tore Charla’s face and caused horrendous injuries, severing her nose, ears, and hands and severely lacerating her face. Nash also lost her eyes, lips, mid-face bone structure, and received significant brain tissue injuries.<sup>23</sup> Similarly to the incident with the chimpanzee “Travis,” St. James Davis survived a horrific chimpanzee attack at a California wildlife rescue center in March 2005 after having his nose, mouth, and eye ripped out and other body parts devoured. He has since undergone more than 60 surgeries.<sup>24</sup>

In addition, the exhibition and use of chimpanzees is not serving to educate the general public on the plight of the chimpanzees. Conversely, seeing chimpanzees regularly displayed in movies, on television, and/or in advertisements encourages the notion that the species is not in trouble. Multiple studies confirm that when people see chimpanzees portrayed in these unnatural entertainment depictions, they acquire misperceptions of the species that undermine legitimate conservation efforts by fueling demand for pet chimpanzees and reinforcing negative conservation attitudes. In two related studies conducted in 2005 (at the Regensteing Center for African Apes at the Lincoln Park Zoo) and in 2006 (at the Great Ape Trust of Iowa), surveys were conducted to determine visitor knowledge of the population status of great apes. While

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<sup>22</sup> 16 U.S.C. § 1533(d); *See also Sierra Club v. Clark*, 577 F. Supp. 783 (D.Minn. 1984); *See also Fund for Animals v. Turner*, 1991 WL 206232 (D.D.C. 1991).

<sup>23</sup> Andy Newman, *Pet Chim Is Killed After Mauling Woman*, N.Y. TIMES, at A30 (February 17, 2009); Anahad O’Connor, *Woman Mauled by Chim Has Surgery, and Her Vital Signs Improve*, N.Y. TIMES (February 19, 2009).

<sup>24</sup> Schapiro, Rich, *The Worst Story I Ever Heard*. Esquire, available at <http://www.esquire.com/features/chimpanzee-attack-0409> (April 2009).

nearly all of those surveyed correctly classified orangutans and gorillas as endangered, but only 66 and 72 percent of those surveyed in each study correctly identified chimpanzees as endangered. For those who did not consider chimpanzees to be endangered, their perspectives were directly linked to the use of chimpanzees in the media (e.g., in television, advertisements and movies) and the ability to keep chimpanzees as pets.<sup>25</sup>

Research has shown that common depictions of chimpanzees wearing suits and ties on television, in movies and in other forms of advertising decrease the species' chance of survival and recovery in the wild. For example, after viewing images of chimpanzees' used in televised advertisements, viewers were found to be less likely to contribute to their conservation, according to a recent study and were far more likely to support keeping chimpanzees as pets.<sup>26</sup> To test this argument, Kara Schroepfer at Duke University in Durham, North Carolina, asked 165 people to fill out a questionnaire about the status of chimpanzees in the wild after watching a series of television ads. The ads showed products such as toothpaste and soft drinks. Mixed in with the ads was one of three short films about chimpanzees. One showed Jane Goodall delivering a message about the need to protect chimpanzees; another was simply footage of chimpanzees in the wild; and the third showed chimpanzees wearing clothes and "acting" in ads intended to be humorous.<sup>27</sup>

After watching the ads, the participants filled out a questionnaire that assessed their understanding of the status of wild chimpanzees. The scientists' analysis of the results showed absolutely "no support for the familiarity hypothesis," Hare says. Indeed, more than 35% of those who watched the humorous ads came away thinking that individuals should have the right to own a chimpanzee as a pet, compared with only 10% of those who watched the two other films. The participants were also given the opportunity to purchase one of the products they had seen or contribute part of their compensation for the experiment to a conservation charity; those who watched the entertainment chimps were the least likely to donate.<sup>28</sup>

The team's findings add to the evidence that using chimpanzees and other primates in entertainment "is more than just frivolous amusement; it really changes the way the public understands the species and should be discontinued," says Stephen Ross, a chimpanzee researcher at the Lincoln Park Zoo in Chicago, Illinois. The study adds to "a growing body of work that indicates that conservation is directly tied to public perception," says Doug Cress, a spokesperson with the Great Apes Survival Partnership in Nairobi. He and others in conservation "have always felt that the use of [great apes and primates] in entertainment somehow

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<sup>25</sup> K.E. Lukas & S.R. Ross, *Zoo Visitor Knowledge and Attitudes Toward Gorillas and Chimpanzees*, J. OF ENVTL. EDUC. vol. 36, no. 4 (2005) (emphasis added); See also Steve Ross, *Not a Laughing Matter: Conservation Effects of Media Portrayals*, CONNECT, 25-26 (September 2008); See also Stephen R. Ross et al., *Inappropriate Use and Portrayal of Chimpanzees*, SCIENCE vol. 319, 1487 (2008).

<sup>26</sup> Schroepfer KK, Rosati AG, Chartrand T, Hare B (2011) *Use of "Entertainment" Chimpanzees in Commercials Distorts Public Perception Regarding Their Conservation Status*. PLoS ONE 6(10): e26048. doi:10.1371/journal.pone.0026048.

<sup>27</sup> *Id.* at 2.

<sup>28</sup> *Id.* at 3.

undermined” preservation efforts. “After all, who could look at a chimpanzee on a unicycle and comprehend its real situation?”<sup>29</sup>

This is in direct contravention of the ESA’s definition of “conserve” as “to use all methods and procedures which are necessary to bring any endangered or threatened species to the point at which the measures provided pursuant to [the Act] are no longer necessary.”<sup>30</sup> This recent study indicates that the exhibition of captive chimpanzees is now working directly against their conservation, indicating that an uplisting and full ESA protection is necessary for all chimpanzees in order to bring the species to the point at which the measures provided pursuant to the Act are no longer necessary.

Private ownership of chimpanzees is another significant problem in the U.S. Unfortunately, private ownership often results in significant abuse and neglect of the chimpanzees while posing significant risks to the human. Baby chimpanzees grow quickly and become very powerful and dangerous animals, regardless of the care taken in how they are raised. As a result, they are often kept in small enclosures, cages or pens, and owners will sometimes have their teeth removed to prevent biting. These animals often suffer prolonged neglect and sometimes eventual abandonment because a majority of owners simply are not capable of providing them with the physical space or the stimulation that is needed to maintain their physical and psychological health.

Furthermore, as demonstrated time and again, including several high profile incidents in recent years, captive chimpanzees pose a significant public safety threat.

#### **Biomedical Research:**

Over 1,000 chimpanzees are also kept in biomedical research laboratories in the U.S. This type of exploitation also has negative impacts on both individual chimpanzees and the species as a whole, and the U.S. stands alone as the only nation actively engaged in biomedical research on chimpanzees, our closest genetic relatives.<sup>31</sup> Countries such as the United Kingdom, Sweden, the Netherlands, and Austria have all banned experiments on great apes, while others have simply discontinued biomedical research on the species.

The U.S. has a long history of poor care, mistreatment and outright abuse of chimpanzees that are experimented on in facilities such as New Iberia, Coulston and Charles River. For example, the Coulston Foundation once housed over 600 chimpanzees and was closed in 2002 following numerous violations of the Animal Welfare Act for inhumane treatment, including negligent deaths of chimpanzees and failure to provide adequate veterinary care for chimpanzees.

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<sup>29</sup> Morell, Virginia, *Cute TV Chimps May Harm Their Wild Kin*, Wired Science, available at <http://www.wired.com/wiredscience/2011/10/clothed-chimpanzees-protection/> (Oct. 13, 2011).

<sup>30</sup> 16 U.S.C. § 1532(3).

<sup>31</sup> Chimpanzees contain a genetic profile that is 98 percent like humans. Scientific American, *What does the fact that we share 95 percent of our genes with the chimpanzee mean?* Available at <http://www.scientificamerican.com/article.cfm?id=what-does-the-fact-that-w> (March 1, 2004).

Recently, a nine-month undercover investigation revealed over one hundred potential violations of the Animal Welfare Act involving chimpanzees at the New Iberia Research Center in Louisiana.

The vast majority of these chimpanzees are not being used in research protocols, but are rather simply being warehoused for unidentified potential future use.<sup>32</sup> Those that are used in research protocols are typically housed alone in cages that measure a mere 5 ft x 5 ft x 7 ft with no opportunity for social activity.<sup>33</sup> The protocol may last weeks or months, while some have spent decades and in essence a lifetime (half a century or more) in the laboratory. Nearly all of those now in laboratories have endured repeated assault by laboratory technicians administering anesthesia with a dart gun, known as a “knock down.” Clinical records indicate that a chimpanzee held for decades in a lab has suffered as many as three or four hundred such knock downs. These chimpanzees experience severe stress, panic and terror during these procedures, often self-mutilating and living in a state of constant fear and hyper vigilance.<sup>34</sup>

The lack of protections afforded captive chimpanzees under U.S. laws allows much of this abuse and exploitation to continue virtually unabated. Indeed, despite the “threatened” status of chimpanzees in the U.S., federal laws do not even allow the FWS to possess an accurate accounting of all chimpanzees in the country. Laboratories are permitted to acquire chimpanzees that were born outside of research facilities because the split-listing of the species does not prohibit interstate commerce between private owners. While reporting requirements under the CBW registration and Animal Welfare Act rules provide some information about those public and private entities that maintain chimpanzees and the number of animals in each facility, those that do not display and breed chimpanzees are not currently required under federal law to account for their animals.

Whereas the definition of “conserve” within the ESA refers to bringing an endangered or threatened species to the point at which the measures provided pursuant to the Act are no longer

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<sup>32</sup> In response to a request from the National Institutes of Health (NIH), the IOM, in collaboration with the National Research Council, is undertaking a study that will review and assess the current and anticipated use of chimpanzees in biomedical and behavioral research relevant to the mission of NIH. The committee will determine if chimpanzees are or will be necessary for biomedical or behavioral research that will be needed for the advancement of the public’s health. See Institute of Medicine of the National Academies, available at <http://www.iom.edu/Activities/Research/Chimpanzees.aspx> (accessed October 31, 2011).

<sup>33</sup> The Animal Welfare Act (7 U.S.C. § 2131 *et seq.*) requires laboratories to provide —a physical environment adequate to promote the psychological well-being of primates. (See Public Law 99-198). However, the USDA has issued regulations that permit each regulated entity to develop its own —appropriate plan for environmental enhancement adequate to promote the psychological well-being of nonhuman primates . . . in accordance with currently accepted professional standards as cited in appropriate professional journals or reference guides, (9 C.F.R. § 3.81(a)) and the regulations allow individual chimpanzees to be exempted from the enrichment plan —for scientific reasons set forth in the research proposal. (9 C.F.R. § 3.81(e)). Thus, the laboratory setting is often antithetical to the species-typical behavior chimpanzees exhibit in healthy social groups. See also *Animal Legal Defense Fund v. Glickman*, 204 F.3d 229 (D.C. Cir. 2000) (upholding the agency’s regulations).

<sup>34</sup> See, e.g., G.A. Bradshaw et al., *Building an Inner Sanctuary: Complex PTSD in Chimpanzees*, J. OF TRAUMA AND DISSOCIATION vol. 9, no. 1, 9-34 (2008).



necessary, the 1990 split-listing actually facilitates exploitation that harms individual chimpanzees and the species as a whole. Realistically, the special regulation for the “threatened” captive members of the species has only ensured that these chimpanzees are subject to abuse, not contributed to their conservation. Chimpanzees used in biomedical research are subject to social isolation, neglect, traumatic experimental procedures, constant stress and social deprivation. In addition, unmanaged breeding of captive chimpanzees in the U.S. dilutes the genetic integrity of those chimpanzees, which subverts efforts to ensure that all are managed to benefit the conservation of the species.

Notwithstanding the direct and indirect impacts of captive chimpanzees on the conservation and recovery of wild chimpanzees (as discussed below), the evidence presented in the petition demonstrates that captive chimpanzees qualify for an uplisting. Existing regulatory mechanisms have been inadequate at preventing captive chimpanzees from being overexploited for commercial purposes. A proposed rule to uplist captive chimpanzees must be forthcoming as a result of this status review.

At an absolute minimum, even if the FWS should conclude that captive chimpanzees somehow – despite the compelling evidence – do not qualify for an endangered designation, it must amend the special rule to clarify that the take prohibition contained in the ESA applies to all captive chimps, regardless of how they are used/exploited or by whom and that any commercial use of captive chimpanzees (i.e., sale, in films/television programs, in advertisements, for photographic shoots, or in any other commercial venture) is strictly prohibited.

### **Chimpanzees in the Wild:**

Though there is considerable evidence demonstrating that the ESA designation of captive chimpanzees in the U.S. must be upgraded to “endangered,” the impact of the exploitation of captive chimpanzees on the status and recovery of wild chimpanzees provides indisputable justification for an upgrade. Simply put, the split-listing of chimpanzees has done nothing to advance to protections and recovery of wild chimpanzees. Past decisions by the FWS to deny provide meaningful protections to “threatened” captive chimpanzees has undermined wild chimpanzee conservation efforts and encouraged the ongoing black market trade in juvenile chimpanzees. This provides an economic incentive for the illegal hunting and killing of wild chimpanzees families. Indeed, depriving captive chimpanzees of protection in the U.S. contributes to the further endangerment of wild populations by fueling demand for poaching and illegal trafficking.

As the world becomes more globally connected, American movies, television, and advertisements (print and television) are being seen by people throughout the world. As a consequence, even though there has not been a legal import of a live chimpanzee into the U.S. for years, these images are contributing to an increased demand for chimpanzees as pets. Such demand is increasing in countries where enforcement of trade restrictions of the species are lax thereby allowing for the illegal trade in juvenile chimpanzees ripped from the wild after their families are killed. Indeed, the growing demand for the pet industry only adds to the incentive to

poach chimpanzees from the wild. It is estimated that five to ten chimpanzees die for every one that is delivered alive to an overseas buyer.<sup>35</sup>

The lack of substantive protection for captive chimpanzees in the U.S. is also undermining the efforts and influence of the U.S. government in promoting increased protection of wild chimpanzees and/or more stringent enforcement of laws protecting chimpanzees in their range states. It is difficult for U.S. officials to convince or compel their African counterparts, for example, to expend finite resources and to risk the lives of their law enforcement personnel to enforce laws protecting chimpanzees and their habitat when captive chimpanzees in the U.S. are routinely sold for commercial gain, exploited for profit by the U.S. entertainment/advertising industries, and kept as pets in U.S. households. Consequently, as reported in the petition, there is an indisputable link between the lack of meaningful protection and exploitation of captive chimpanzees in the U.S. and diminishment of efforts to protect and recover chimpanzees in the wild.

As documented in the petition and supplemented below, all subspecies of wild chimpanzees are in decline, thereby placing the entire species at an increased risk of extinction. In the last thirty years, the chimpanzee population is estimated to have fallen by 66 percent. The global population which numbered around one million a hundred years ago is now estimated at only 172-300,000 and chimpanzees have gone locally extinct in 4 out of 25 of their historical range countries.<sup>36</sup> With these small numbers left in the wild and about 250 individuals in zoos in the United States, chimpanzees are among the most threatened primates in Africa for many reasons. If current trends continue, it is expected that chimpanzees and other great ape populations will decrease an additional 80% over the next 30-40 years.<sup>37</sup> Central chimpanzees are the most numerous, with about 80,000 found in Gabon and Congo, eastern chimpanzees number about 13,000 though the estimates from DRC are very rough, and western chimpanzees are very patchily distributed with no more than 12,000 remaining.<sup>38</sup> Several synergistic factors have led to the decrease in chimpanzee populations across Africa and some of the most salient threats include hunting, habitat loss and degradation due to industrialized logging and human population growth, and disease.<sup>39</sup> Even in Gabon and Congo, widely considered stronghold countries for chimpanzees, populations are declining at a rate of at least 4.7% per year.<sup>40</sup> And today, the total population of Nigeria-Cameroon chimpanzees may number as few as 3,500.<sup>41</sup>

Chimpanzees are subject to multiple threats in Africa. While the most significant threats causing the decline in the population of wild chimpanzees are habitat loss and illegal wildlife trade (both

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<sup>35</sup> 55 Fed. Reg. 9129 at 9133 (1990).

<sup>36</sup> The Jane Goodall Institute, *State of the Wild* at <http://www.janegoodall.org/chimpanzees/state-wild-chimpanzee>.

<sup>37</sup> *Id.*

<sup>38</sup> Oates 1996. *Pan troglodytes*. In: IUCN 2011. IUCN Red List of Threatened Species. Version 2011.1

<sup>39</sup> Kormos 2003; Walsh et al. 2003; Poulsen & Clark 2004. *Pan troglodytes*. In: IUCN 2011. IUCN Red List of Threatened Species. Version 2011.1

<sup>40</sup> Walsh et al. 2003. *Pan troglodytes*. In: IUCN 2011. IUCN Red List of Threatened Species. Version 2011.1

<sup>41</sup> IUCN/SSC Primate Specialist Group and Zoological Society of San Diego, *Regional Action Plan for the Conservation of the Nigeria-Cameroon Chimpanzee (Pan troglodytes ellioti)* (2011).

for bushmeat and the pet trade),<sup>42</sup> other threats include political instability, governmental corruption, wildlife law enforcement inadequacies, human population growth and subsequent expansion of human occupation of chimpanzee habitat, disease, land conversion for agriculture, refugee settlement in chimpanzee habitat, and climate change. These threats are increasing, not declining. Human population growth in chimpanzee range states is increasing exponentially. This, in turn, inevitably results in the need for more food, land, and development to accommodate the needs of the expanding human population. Chimpanzees and their habitat (along with other wild species) will be the victims of this human population explosion.

A number of factors are directly contributing to chimpanzee habitat loss. While legal and illegal timber harvest is certainly a significant factor causing the decline in wild chimpanzee populations, it is not the only threat to chimpanzee habitats. Mining, conversion of forest to agricultural production, and human encroachment are all, individually and cumulatively, resulting in the massive and ongoing loss and degradation of chimpanzee habitat. According to the United Nations, Africa lost 64 million hectares of forest between 1990 and 2005, almost half in chimpanzee range countries.<sup>43</sup> In addition, slash and burn agriculture, causing deforestation across West and Central Africa, has severely reduced chimpanzee habitats. It is estimated that more than 80% of the region's original forest cover has been lost.<sup>44</sup> And in western Central Africa, selective logging is, or will be, carried out in the majority of forests outside of national parks.<sup>45</sup>

The illegal trade in chimpanzees includes trade in chimpanzee meat and other body parts (hereafter generally referred to as the "bushmeat trade"), and the trade in captured or orphaned juvenile chimpanzees. The bushmeat trade and trade in orphaned chimpanzees are inextricably intertwined as poachers kill adult chimpanzees for their meat which also facilitates the capture of juvenile chimpanzees. The orphans are then, if they even survive the capture and subsequent days to weeks of substandard care and neglect, subsequently sold in domestic markets or illegally exported to satiate the demand for pet chimpanzees – a demand, as explained previously, that is directly linked to the use of captive chimpanzees for entertainment and advertising in the U.S. As human populations expand in Africa, there is an increasing demand for meat, including meat from wildlife. As a consequence, the bushmeat trade is decimating Africa's wildlife, leading to what some experts refer to as "empty forest syndrome," whereby a forest may exist but it is largely devoid of wildlife.<sup>46</sup> As more common species decline, those

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<sup>42</sup> Bailey, Natalie, *Effects of Bushmeat Hunting on Populations of African Great Apes*, at <http://www.bushmeat.org/sites/default/files/Great%20Apes%20Table.pdf> (accessed Sept. 2011).

<sup>43</sup> United Nations Food and Agriculture Organization, *Global Forest Resource Assessment 2005*. Chimpanzee range countries with the greatest loss in forest cover between 1990 and 2005 include The Democratic Republic of the Congo (~6.9 million hectares), Nigeria (~6.1 million hectares), and Cameroon (~3.3 million hectares).

<sup>44</sup> Kormos *et al.* 2003. *Pan troglodytes*. In: IUCN 2011. IUCN Red List of Threatened Species. Version 2011.1.

<sup>45</sup> Plumptre and Johns 2001, White and Tutin 2001. *Pan troglodytes*. In: IUCN 2011. IUCN Red List of Threatened Species. Version 2011.1.

<sup>46</sup> Wildlife Conservation Society & Bushmeat Crisis Task Force: Bennett, Elizabeth, Eves, Heather, Robinson, John, Wilkie, David. *Why is Eating Bushmeat a Biodiversity Crisis?* Available at

species that are rarer or more difficult or dangerous to kill (including chimpanzees) are more likely to be pursued to satiate the demand for bushmeat.

Commercial hunting of great apes for bushmeat is one of the biggest threats facing the great apes<sup>47</sup> and most of the bushmeat trade is illegal.<sup>48</sup> Commercial bushmeat hunters illegally shoot and butcher thousands of endangered great apes using guns and special wire snares.<sup>49</sup> All great ape species are subject to this threat and are killed and eaten as bushmeat and body parts are used in traditional medicine. Bushmeat demand from local populations, especially in Cameroon, Gabon, Kenya, Tanzania, and Ghana,<sup>50</sup> has increased to a point where international leaders have declared a bushmeat crisis<sup>51</sup> because it is at a rate beyond the ability for great apes to sustain themselves, especially with financial rewards often higher than working in legal sectors. Chimpanzees currently constitute 1 to 3% of bushmeat sold in urban markets in Côte d'Ivoire.<sup>52</sup>

There is also an inextricable link between extractive industries and the bushmeat trade. Timber and mining companies often set up camps to facilitate their extraction of the relevant resources while reducing costs. Those employed by the industry then either hunt to satiate their own needs and the needs of others provide a new demand for bushmeat that can result in increased revenue for local poachers. In either case, wildlife species are harmed. Furthermore, both industries, by creating roads and making other infrastructure improvements, facilitate the expansion of human civilization into the industry-affected areas and/or provide roads by which poachers can more easily access areas that may have previously been too remote or too difficult to access. Those same roads, traversed by industry trucks, provide a quick and relatively inexpensive means for poachers to transport their goods to regional cities if not to larger markets in the nation's capital. Hicks et al. (2010), for example, documented a substantial increase in chimpanzee meat and orphans sold south of the Uele River in the Democratic Republic of the Congo that was linked to an expansion of extractive industry (mining) in the region and fed by the region's large human population.<sup>53</sup>

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<http://isc.temple.edu/economics/wkpapers/Bushmeat/Articles/bushmeat%20Mar%2019.pdf>. Conservation Biology in Practice, Winter 2002/Vol.3 No. 1.

<sup>47</sup> Kormos et al. 2003. *Pan troglodytes*. In: IUCN 2011. IUCN Red List of Threatened Species. Version 2011.1

<sup>48</sup> Save the Primates, *The Bushmeat Trade – Threat of Primate & Wildlife Extinction*, <http://www.save-theprimates.org.au/facts-bushmeat-trade.htm> (last visited Apr. 18, 2010).

<sup>49</sup> The Bushmeat Project, *About Bushmeat*, <http://bushmeat.net/about.html> (2008).

<sup>50</sup> World Wildlife Fund, *WWF African Bushmeat Programme*,

[http://www.panda.org/who\\_we\\_are/wwf\\_offices/cameroon/index.cfm?uProjectID=9F0739](http://www.panda.org/who_we_are/wwf_offices/cameroon/index.cfm?uProjectID=9F0739) (Sept. 4, 2009).

<sup>51</sup> *The Bushmeat Crisis in Africa: Conciliating Food Security and Biodiversity Conservation in the Continent, Report of the Twenty-Third Regional Conference for Africa*, Johannesburg, South Africa (Mar. 1-5, 2004), <http://www.fao.org/DOCREP/MEETING/007/J1457E.HTM> (last visited Apr. 18, 2010).

<sup>52</sup> Caspary et al. 2001. *Pan troglodytes*. In: IUCN 2011. IUCN Red List of Threatened Species. Version 2011.1.

<sup>53</sup> Hicks, T.C., L. Darby, J. Hart, J. Swinkels, N. January, and S. Menken. 2010. Trade in Orphans and Bushmeat Threatens one of the Democratic Republic of the Congo's Most Important Populations of Eastern Chimpanzees (*Pan troglodytes schweinfurthii*). *African Primates* 7(1):1-18.

In addition, the main cause of death in chimpanzees at Gombe, Mahale and Tai is infectious disease.<sup>54</sup> Given the genetic similarity between chimpanzees and humans, chimpanzees succumb to many diseases that afflict humans.<sup>55</sup> The frequency of encounters between chimpanzees and humans and/or human waste is increasing as human populations expand, leading to higher risks of disease transmission between humans and chimpanzees. If not properly managed, research and tourism also presents a risk of disease transmission between humans and chimpanzees. In the past 15 years, Ebola haemorrhagic fever has killed chimpanzees in Côte d'Ivoire<sup>56</sup> and repeated epidemics have caused dramatic declines of ape populations in remote protected areas in Gabon and the Republic of Congo.<sup>57</sup>

The FWS is mandated to recover listed species. As evidenced in the petition, there is considerable evidence that the current split-listed status of chimpanzees has not met the legal requirements imposed by the ESA; specifically, recovery of the chimpanzee has not occurred and the status of the chimpanzee in the wild has declined. Though the FWS has designated wild chimpanzees as “endangered” and has, through its international actions including advocating for greater protections for chimpanzees and their habitat in Africa, calling for increased law enforcement efforts to clamp down on those threats to wild chimpanzees, and supporting capacity building programs to benefit wild chimpanzees (and other species), these efforts continue to fall short of recovery. The FWS must do more.

While the legal jurisdiction of the FWS does not extend beyond the U.S., its territories, and waters within its Exclusive Economic Zone preventing it from being able to directly compel a reduction in, for example, timber harvest in chimpanzee habitat or in chimpanzee poaching for the bushmeat and pet trades, it can further the recovery of wild chimpanzees by increasing protections for captive chimpanzees in the U.S. By proceeding with the publication of a proposed rule to uplist captive chimpanzees to “endangered” under the ESA, the FWS will substantially reduce if not entirely eliminate the exploitive uses of captive chimpanzees that have contributed to the ongoing decline in wild chimpanzee populations.

AWI applauds the FWS limiting legal import of a wild chimpanzee into the U.S. and recognizes the efforts made by the U.S. to prevent the illegal import of live chimpanzees, their meat, or other body parts into the U.S. However, if it does not act to prevent the continued sale and exploitation of captive chimpanzees as pets or for entertainment/advertising considering the evidence (cited in the petition and above) of the link between such exploitation and the decline in wild chimpanzees, then it is just as culpable as the illegal logger or poacher in Africa in contributing to the demise of wild chimpanzees.

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<sup>54</sup> Goodall 1986, Nishida *et al.* 2003, Hanamura *et al.* 2006). *Pan troglodytes*. In: IUCN 2011. IUCN Red List of Threatened Species. Version 2011.1.

<sup>55</sup> Butynski 2001. *Pan troglodytes*. In: IUCN 2011. IUCN Red List of Threatened Species. Version 2011.1.

<sup>56</sup> Formenty 1999. *Pan troglodytes*. In: IUCN 2011. IUCN Red List of Threatened Species. Version 2011.1.

<sup>57</sup> Huijbregts *et al.* 2003; Walsh *et al.* 2005, P. Walsh, unpubl. In: IUCN 2011. IUCN Red List of Threatened Species. Version 2011.1.

**Conclusion:**

By listing captive chimpanzees separately from wild chimpanzees, the FWS has created a double standard supporting conservation of the species in the wild while allowing for exploitation and trade of chimpanzees within U.S. borders. This has also perpetuated the misperception among the American public that this species is not in danger by allowing for their exploitation in the pet and entertainment industries. This inequity has created a problem of moral inconsistency that threatens not only the survival of the species but our ability to successfully promote conservation of chimpanzees in African range countries.

As the petition indicates, this failure to make any progress towards recovery may, in part, be the product of the lack of protection provided to captive chimpanzees in the U.S. Without such protections, chimpanzees continue to be subjected to intra and interstate trade, subject to sale for commercial gain, used in unnecessary and abusive experiments, and irresponsibly bred by private parties, including non-accredited zoos and menageries. Such exploitive uses of captive chimpanzees in the U.S. diminishes the political will for range states to seriously engage in conservation/recovery actions, creates a demand for chimpanzees to be used as pets or for entertainment in Africa and throughout the world leading to excessive poaching, and diminishes the influence of the U.S. in seeking more aggressive conservation and law enforcement efforts to protect wild chimpanzees and their habitat in Africa.

Designating captive chimpanzees in the U.S. as “threatened” and yet depriving them of the basic protections of the statute is contrary to the purpose of the ESA.<sup>58</sup> This problem could be remedied by repealing or substantially amending the current special rule for captive chimpanzees or by proceeding with and eventually finalizing a rule to list captive chimpanzees in the U.S. as endangered would directly address such weaknesses, even those that are more psychological than physical, and could increase the likelihood of recovery of wild chimpanzee populations. Considering the evidence presented in the petition and referenced above, there can be little question that legally the FWS must proceed with the publication of a proposed rule to list all chimpanzees, wild and captive, as endangered.

Thank you in advance for providing this opportunity to comment on this status review and for considering these comments. Please send any future correspondence or information about this proposed status upgrade to: Tara Zuardo, Wildlife Program Associate, Animal Welfare Institute, 900 Pennsylvania Ave., SE, Washington, DC 20003.

Sincerely,



Tara Zuardo Wildlife Program Associate

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<sup>58</sup> “The Service has consistently maintained that the Act applies to both wild and captive populations of a species.” 44 Fed. Reg. 30044, May 23, 1979.