

Summary of Proposed Captive Wildlife Regulation Changes

Recommended Change 1: Add 30 mammal species, with some included in genus or multispecies level reviews, to Addendum R1.02 -- Permitted Captive Wildlife Species List (see page X) that upon staff review appear to pose a moderate but manageable risk to human health and safety, native fish and wildlife health or populations, or agriculture such that they warrant further restriction or oversight. The proposed species include: zebras (3 species), water buffalo, addax, brindled gnu, gaur, gerenuk, Himalayan tahr goat, impala, tamarin monkeys (18 species), black-tufted marmoset and Geoffroy's marmoset. Species listed in Addendum R1.02 -- Permitted Captive Wildlife Species List must have permits for importation, breeding and sale. It is recommended that breeding, sale, and import of this species be done in accordance with applicable permits.

Code Change: Addendum R1.02 (pg. 3-4)

Recommended Change 2: Add a disease testing requirement in Addendum F1.04 -- Wildlife Importation Permit Requirements for brindled gnu which is being proposed to be permitted for importation, breeding and sale. The brindled gnu is a wildebeest which carries a virus called Alcelaphine herpesvirus-1. This virus is shed most by young animals up to 4 months of age, but once infected, wildebeest carry the virus indefinitely. This virus is generally asymptomatic in the reservoir hosts but can cause severe disease (Malignant Catarrhal Fever) in livestock and deer. Prevalence of this virus appears to vary between wild and captive populations. The recommended test is available at the USDA-APHIS National Veterinary Services Laboratory and is very cost effective. This test is commonly used by zoos prior to animal movement to prevent the introduction of this disease into their herds.

Code Change: Addendum F1.04 (pg. 5)

Recommended Change 3: Add 34 mammal species, with some included in genus or multispecies level reviews, to Addendum F1.03 Addendum R1.03 -- Prohibited Captive Wildlife Species List to prohibit the breeding, sale or importation of these species. Evaluation by Commission staff determined these species to be high risk for threats to native wildlife due to their potential to become established in Arkansas, parasites and/or pathogens they are known to carry, capacity to inflict injury or cause death and/or potential damage to agriculture. The proposed species include: capybara, nilgai, aoudad sheep, oryx (4 species), kudu (2 species), lechwe, ibex (9 species), jaguar, leopard, snow leopard, hippopotamus (5 species) warthog (2 species) and rhinoceros (5 species). Currently, there are permitted Wildlife Breeder/Dealers authorized to import, breed and sell these species. The proposed regulation change will allow facilities permitted before November 21, 2019, to continue to breed these species and sale to only existing permit holders or out of state. No new permits will be issued for these species.

Code Change: Addendum R1.03 (pg. 6)

Recommended Change 4: Add capybara, nilgai, aoudad sheep, oryx, kudu, lechwe, ibex, jaguar, leopard, snow leopard, hippopotamus, warthog and rhinoceros to Addendum F1.03 for the purpose of prohibiting the sale of these species to only persons who possess a current Wildlife Breeder/Dealer Permit for the respective species or to buyers outside of Arkansas. Staff are proposing in Recommended Change 3 to add these species to the list of prohibited captive wildlife species. Currently, there are permitted Wildlife Breeder/Dealers authorized to import, breed and

sell these species. The proposed regulation change will allow facilities permitted before November 21, 2019, to continue to breed these species and sale to only existing permit holders or out of state. No new permits will be issued for these species.

Code Change: Addendum F1.03 (pg. 7)

Recommended Change 5: Authorize the Director to extend current Wildlife Breeder/Dealer and Wildlife Importation permits for an additional 92 days through December 31, 2019. The Commission approved an extension of 90 days from the permit expiration date of June 30, 2019, for those permittees authorized to import, breed or sell certain mammal species. Those species include zebra, water buffalo, addax, aoudad sheep, brindled gnu, gaur, oryx, capybara, leopard, jaguar, hippopotamus, warthogs, rhinoceros, gerenuk, Himalayan tahr goat, impala, kudu, lechwe, ibex and nilgai. The initial extension allowed staff additional time to finalize species evaluations for these mammal species. The additional 92 days is needed to submit proposed regulations concerning the species to the Commission for approval, and then consider each permit holder's 2019-20 application for permit renewal. There are approximately 7 facilities that would need to be issued the additional time extension. Commission regulation in AGFC Code Addendum D1.01 -- Licenses, Permits, Stamps, Tags, Costs, And Expiration Dates establishes the end dates of these annual permits as June 30 of each year.

Affected Codes

R1.02 -- Permitted Captive Wildlife Species List

A. Permits for breeding, sale, and importation may be issued for the following species in accordance with Codes 09.07 (Wildlife Breeder/Dealer Permit Required) and 09.10 (Wildlife Importation Permit Required):

1. Red-necked (Bennet's) wallaby (*Macropus rufogriseus*)
2. African Dwarf Aquatic Frog (*Hymenochirus boettgeri*)
3. Boa Constrictor (*Boa constrictor*)
4. Horned Frog, Pacman Frog (*Ceratophrys spp.*)
5. Moccasins (*Agkistrodon spp.*)
6. Pygmy Rattlesnakes (*Sistrurus spp.*)
7. Rattlesnakes (*Crotalus spp.*)
8. Shield-nosed Cobras (*Genus Aspidelaps*)
9. Cobras (*Genus Naja*)
10. King Cobras (*Genus Ophiophagus*)
11. Tree Cobras (*Genus Pseudohaje*)
12. Desert Cobras (*Genus Walterinnesia*)
13. African Bush Vipers (*Genera Atheris, Proatheris*)
14. Boomsnangs (*Genus Dispholidus*)
15. Eurasian/ American Elapid Snakes (*Genera Boulengerina, Bungarus, Calliophis, Dendroaspis, Hemibungarus, Micruroides, Micrurus, Sinomicrurus spp.*)
16. Terrestrial Papuaustralian Elapids (*Genera Notechis, Oxyuranus, Pseudonaja, Pseudechis, Vermicella spp.*)
17. Sea Snakes (*Genera Acalyptophis, Aipysurus, Astrotia, Emydocephalus, Enhydrina, Ephalophis, Hydrelaps, Hydrophis, Kerilia, Kolpophis, Lapemis, Laticauda, Parahydrophis, Pelamis, Praescutata, Thalassophis spp.*)
18. Southeast Asian Vipers (*Azemiops spp.*)
19. Pitvipers (*Genera Calloselasma, Gloydus, Protobothrops, Deinagkistrodon, Hynnale, Ovophis, Trimeresurus, Tropidolaemus, Atropoides, Bothriechis spp.*)
20. African Vipers (*Genus Bitis*)
21. Palaearctic Vipers (*Genus Vipera*)
22. Firebelly Toads (*Genus Bombina*)
23. African Bullfrogs (*Genus Pyxicephalus*)
24. Elands (*Genus Taurotragus*)
25. Nyala (*Tragelaphus angasii*)
26. Sable antelope (*Hippotragus niger*)
27. Waterbuck (*Kobus ellipsiprymnus*)
28. Steenbok (*Raphicerus campestris*)
29. Red Kangaroo (*Macropus rufus*)
30. Serval (*Leptailurus serval*)
31. Caracal (*Caracal caracal*)
32. Patagonian cavy (*Dolichotis patagonum*)
33. European hedgehog (*Erinaceus europaeus*)
34. Ring-tailed coati (*Nasua nasua*)
35. Geoffroy's Cat (*Leopardus geoffroyi*)

36. North American Porcupine (*Erethizon dorsatum*)
37. Old World Porcupines (*Subgenus Hystrix*)
38. Eurasian Lynx (*Lynx lynx*)
39. Giraffe (*Giraffa camelopardalis*)
40. Hyenas (*Family Hyaenidae*)
41. Tamandua (*Genus Tamandua*)
42. Common degu (*Octodon degus*)
43. Cairo spiny mouse (*Acomys cahirinus*)
44. Capuchin monkeys (*Subfamily Cebinae*)
45. Common marmoset (*Callithrix jacchus*)
46. Alexandrine Parakeet (*Psittacula eupatria*)
47. Rose-ringed (Ring-necked) Parakeet (*Psittacula krameri*)
48. Monk Parakeet (Quaker Parrot) (*Myiopsitta monachus*)
49. Zebra (*Equus grevyi*, *E. quagga*, *E. zebra*)
50. Water Buffalo (*Bubalus bubalis*)
51. Addax (*Addax nasomaculatus*)
52. Brindled gnu (*Connochaetes taurinus*)
53. Gaur (*Bos gaurus*)
54. Gerenuk (*Litocranius walleri*)
55. Himalayan tahr goat (*Hemitragus jemlahicus*)
56. Impala (*Aepyceros melampus*)
57. Tamarin monkeys (*Genus Saguinus*)
58. Black-tufted marmoset (*Callithrix penicillata*)
59. Geoffroy's or white-headed marmoset (*Callithrix geoffroyi*)

60. All native species of wildlife not listed in Addendum R1.01 (listing species for which the permits are not necessary) or R1.03 (listing species for which permits will not be issued).
61. Any other unlisted species upon evaluation and determination by the Commission that the species does not pose a significant risk to human health and safety, native fish and wildlife health or populations, or agriculture, and that can be safely confined in a humane manner.