

FINAL REGULATIONS - CHAPTER W-0 - GENERAL PROVISIONS

Appendix E - Species Scientific Name Index

- A. The following is a list of species referred to in Wildlife Commission Regulations (see Chapter 11 for domestic animals and unregulated wildlife.)

1. Amphibians

African clawed frog	<i>Xenopus laevis</i>
Boreal (Western) toad	<i>Anaxyrus boreas boreas</i>
Boreal chorus frog	<i>Pseudacris maculata</i>
Bullfrog	<i>Lithobates catesbeiana</i>
Canyon treefrog	<i>Hyla arenicolor</i>
Couch's spadefoot	<i>Scaphiopus couchii</i>
Great Basin spadefoot	<i>Spea intermontana</i>
Great Plains toad	<i>Anaxyrus cognatus</i>
Green frog	<i>Lithobates clamitans</i>
Green toad	<i>Anaxyrus debilis</i>
Marine toad	<i>Rhinella marina</i>
Mexican spadefoot	<i>Spea multiplicata</i>
Northern cricket frog	<i>Acris crepitans</i>
Northern leopard frog	<i>Lithobates pipiens</i>
Plains leopard frog	<i>Lithobates blairi</i>
Plains spadefoot	<i>Spea bombifrons</i>
Red-spotted toad	<i>Anaxyrus punctatus</i>
Tiger salamander	<i>Ambystoma spp.</i>
Western narrow-mouthed toad	<i>Gastrophryne olivacea</i>
Wood frog	<i>Lithobates sylvatica</i>
Woodhouse's toad	<i>Anaxyrus woodhousii</i>

3. Crustaceans

Commercially available brine shrimp	<i>Artemia spp</i>
Commercially available krill	<i>Euphausia spp</i>
Freshwater shrimp	<i>Gammarus lacustris</i>
Killer Shrimp	<i>Dikerogammarus villosus</i>
Ponto-Caspian echinogammarid	<i>Echinogammarus ischnus</i>
amphipod	
Rusty crayfish	<i>Orconectes rusticus</i>

4. Fish

Alewife	<i>Alosa pseudoharengus</i>
Arctic char	<i>Salvelinus alpinus</i>
Arkansas darter	<i>Etheostoma cragini</i>
Asian swamp eel	<i>Monopterus albus</i>
Bighead carp	<i>Hypophthalmichthys nobilis</i>
Bitterling	<i>Rhodeus sericeus</i>
Black carp	<i>Mylopharyngodon piceus</i>
Black crappie	<i>Pomoxis nigromaculatus</i>
Blue catfish	<i>Ictalurus furcatus</i>
Blue tilapia	<i>Oreochromis aureus</i>
Bluegill	<i>Lepomis macrochirus</i>
Bluehead sucker	<i>Catostomus discobolus</i>
Bonytail	<i>Gila elegans</i>
Brassy minnow	<i>Hybognathus hankinsoni</i>
Brook trout	<i>Salvelinus fontinalis</i>
Brown trout	<i>Salmo trutta</i>
Bullhead catfish	<i>Ameiurus melas</i>

Burbot	<i>Lota lota</i>
Butterfly peacock bass	<i>Cichla ocellaris</i>
Catla	<i>Catla catla</i>
Chain pickerel	<i>Esox niger</i>
Channel catfish	<i>Ictalurus punctatus</i>
Chinese fine-scaled loach	<i>Misgurnus mizolepis</i>
Colorado roundtail chub	<i>Gila robusta</i>
Colorado pikeminnows squawfish	<i>Ptychocheilus lucius</i>
Common shiner	<i>Luxilus cornutus</i>
Cutbow	<i>Oncorhynchus clarkii</i> X <i>Oncorhynchus mykiss</i>
Cutthroat trout	<i>Oncorhynchus clarkii</i>
Drum	<i>Aplodinotus grunniens</i>
Eurasian ruffe	<i>Gymnocephalus cernuus</i>
Eurasian weatherfish	<i>Misgurnus fossilis</i>
Fathead minnow	<i>Pimephales promelas</i>
Flannelmouth sucker	<i>catostomus platyrhynchus</i>
Flathead catfish	<i>Pylodictis olivaris</i>
Flathead Chub	<i>Platygobio gracilus</i>
Giant barb	<i>Catlocarpio siamensis</i>
Gizzard shad	<i>dorosoma cepedianum</i>
Golden trout	<i>Oncorhynchus aguabonita</i>
Goldfish	<i>Carassius auratus</i>
Grass carp	<i>Ctenopharyngodon idella</i>
Grayling	<i>Thymallus arcticus</i>
Green sunfish	<i>Lepomis cyanellus</i>
Greenback cutthroat trout	<i>Oncorhynchus clarki stomias</i>
Humpback chub	<i>Gila cypha</i>
Ide	<i>Leuciscus idus</i>
Iowa darter	<i>Etheostoma exile</i>
Koi	<i>Cyprinus carpio carpio</i>
Kokanee salmon	<i>Oncorhynchus nerka</i>
Lake chub	<i>Couesius plumbeus</i>
Lake trout (Mackinaw)	<i>Salvelinus namaycush</i>
Largemouth bass	<i>Micropterus salmoides</i>
Largescale silver carp	<i>Hypophthalmichthys harmandi</i>
Longnose sucker	<i>Catostomus catostomus</i>
Mosquitofish	<i>Gambusia affinis</i>
Mountain whitefish	<i>Prosopium williamsoni</i>
Mozambique tilapia	<i>Oreochromis mossambicus</i>
Mrigal	<i>Cirrhinus cirrhosis</i>
Nile perch	<i>Lates niloticus</i>
Nile tilapia	<i>Oreochromis niloticus</i>
Northern pike	<i>Esox lucius</i>
Northern redbelly dace	<i>Phoxinus eos</i>
Oriental weatherfish	<i>Misgurnus anguillicaudatus</i>
Plains minnow	<i>Hybognathus placitus</i>
Plains orangethroat darter	<i>Etheostoma spectabile</i>
Plains topminnow	<i>Fundulus sciadicus</i>
Pumpkinseed sunfish	<i>Lepomis gibbosus</i>
Rainbow smelt	<i>Osmerus mordax</i>
Rainbow trout	<i>Oncorhynchus mykiss</i>
Razorback sucker	<i>Xyrauchen texanus</i>
Redear sunfish	<i>Lepomis microlophus</i>
Rio Grande chub	<i>Gila pandora</i>
Rio Grande sucker	<i>Catostomus plebeius</i>
River shiner	<i>Notropis blennioides</i>
Rohu	<i>Labeo rohita</i>

Rudd	<i>Scardinius erythrophthalmus</i>
Sacramento perch	<i>Archoplites interruptus</i>
Sauger	<i>Sander canadensis</i>
Saugeye	<i>Sander vitreum X Sander canadensis</i>
Silver carp	<i>Hypophthalmichthys molitrix</i>
Smallmouth bass	<i>Micropterus dolomieu</i>
Southern redbelly dace	<i>Phoximus erythrogaster</i>
Speckled dace	<i>Rhinichthys osculus</i>
Splake	<i>Salvelinus namaycush X Salvelinus fontinalis</i>
Spotted bass	<i>Micropterus punctulatus</i>
Stonecat	<i>Noturus flavus</i>
Striped bass	<i>Morone saxatilis</i>
Suckermouth minnow	<i>Phenacobius mirabilis</i>
Tench	<i>Tinca tinca</i>
Tiger muskie	<i>Esox lucius X Esox masquinongy</i>
Tiger trout	<i>Salmo trutta X Salvelinus fontinalis</i>
Trahira	<i>Hoplias malabaricus</i>
Walking catfish	<i>Clarias batrachus</i>
Walleye	<i>Sander vitreus</i>
White bass	<i>Morone chrysops</i>
White crappie	<i>Pomoxis annularis</i>
White perch	<i>Morone americana</i>
White sucker	<i>Catostomus commersonii</i>
Wiper	<i>Morone chrysops X Morone saxatilis</i>
Yellow perch	<i>Perca flavescens</i>
Zander	<i>Sander lucioperca</i>

5. Mammals

Abert's squirrel	<i>Sciurus aberti</i>
American mink	<i>Mustela vision</i>
American pika	<i>Ochotona princeps</i>
Badger	<i>Taxidea taxus</i>
Barbary sheep	<i>Ammotragus lervia</i>
Beaver	<i>Castor canadensis</i>
Big Brown bat	<i>Eptesicus fuscus</i>
Big Free-tailed bat	<i>Nyctinomops macrotis</i>
Black bear	<i>Ursus americanus</i>
Black-footed ferret	<i>Mustela nigripes</i>
Black-tailed jackrabbit	<i>Lepus californicus</i>
Black-tailed prairie dog	<i>Cynomys ludovicianus</i>
Bobcat	<i>Lynx rufus</i>
Botta's pocket gopher	<i>Thomomys bottae</i>
Brazilian free-tailed bat	<i>Tadarida brasiliensis</i>
Brush mouse	<i>Peromyscus boylii</i>
Bushy-tailed woodrat	<i>Neotoma cinerea</i>
California myotis	<i>Myotis californicus</i>
Canyon mouse	<i>Peromyscus crinitus</i>
Chamois	<i>Rupicapra rupicapra</i>
Cliff chipmunk	<i>Neotamias dorsalis</i>
Colorado chipmunk	<i>Neotamias quadrivittatus</i>
Common hog-nosed skunk	<i>Conepatus mesoleucus</i>
Cottontail rabbit	<i>Sylvilagus floridanus</i>
Coyote	<i>Canis latrans</i>
Crawford's desert shrew	<i>Notiosorex crawfordi</i>
Deer mouse	<i>Peromyscus maniculatus</i>
Desert bighorn sheep	<i>Ovis canadensis nelsoni</i>
Desert woodrat	<i>Neotoma lepida</i>

Dwarf shrew	<i>Sorex nanus</i>
Eastern mole	<i>Scalopus aquaticus</i>
Eastern pipistrelle	<i>Perimyotis subflavus</i>
Eastern red bat	<i>Lasiurus borealis</i>
Eastern spotted skunk	<i>Spilogale putorius</i>
Eastern white-throated woodrat	<i>Neotoma leucodon</i>
Eastern woodrat	<i>Neotoma floridana</i>
Elliot's short-tailed shrew	<i>Blarina hylophaga</i>
Ermine (Short-tailed weasel)	<i>Mustela erminea</i>
European ferret	<i>Mustela putorius</i>
Fox squirrel	<i>Sciurus niger</i>
Fringed myotis	<i>Myotis thysanodes</i>
Golden-mantled ground squirrel	<i>Spermophilus lateralis</i>
Gray fox	<i>Urocyon cinereoargenteus</i>
Gray wolf	<i>Canis lupus</i>
Great Basin pocket mouse	<i>Perognathus parvus</i>
Grizzly bear	<i>Ursus arctos horribilis</i>
Gunnison's prairie dog	<i>Cynomys gunnisoni</i>
Hispid cotton rat	<i>Sigmodon hispidus</i>
Hispid pocket mouse	<i>Chaetopidus hispidus</i>
Hoary bat	<i>Lasiurus cinereus</i>
Hopi chipmunk	<i>Tamias rufus</i>
Kit fox	<i>Vulpes macrotis</i>
Least chipmunk	<i>Neotamias minimus</i>
Least shrew	<i>Cryptotis parva</i>
Little brown myotis	<i>Myotis lucifugus</i>
Long-eared myotis	<i>Myotis evotis</i>
Long-legged myotis	<i>Myotis volans</i>
Long-tailed vole	<i>Microtus longicaudus</i>
Long-tailed weasel	<i>Mustela frenata</i>
Lynx	<i>Lynx canadensis</i>
Marmot	<i>Marmota flaviventris</i>
Masked shrew	<i>Sorex cinereus</i>
Meadow jumping mouse	<i>Zapus hudsonius</i>
Meadow vole	<i>Microtus pennsylvanicus</i>
Merriam's shrew	<i>Sorex merriami</i>
Mexican woodrat	<i>Neotoma mexicana</i>
Mogollon vole	<i>Microtus mogollonensis</i>
Montane shrew	<i>Sorex monticolus</i>
Montane vole	<i>Microtus montanus</i>
Moose	<i>Alces alces shirasi</i>
Mouflon	<i>Ovis orientalis orientalis</i>
Mountain goat	<i>Oreamnos americanus</i>
Mountain lion	<i>Puma concolor</i>
Mule deer	<i>Odocoileus hemionus</i>
Muskrat	<i>Ondatra zibethicus</i>
Nine-banded armadillo	<i>Dasypus novemcinctus</i>
North American porcupine	<i>Erethizon dorsatum</i>
Northern grasshopper mouse	<i>Onychomys leucogaster</i>
Northern pocket gopher	<i>Thomomys talpoides</i>
Northern river otter	<i>Lontra canadensis</i>
Northern rock mouse	<i>Peromyscus nasutus</i>
Olive-backed pocket mouse	<i>Perognathus fasciatus</i>
Ord's kangaroo rat	<i>Dipodomys ordii</i>
Pallid bat	<i>Antrozous pallidus</i>
Pine marten	<i>Martes martes</i>
Pine squirrel	<i>Tamiasciurus hudsonicus</i>

Pinyon mouse	<i>Peromyscus truei</i>
Plains harvest mouse	<i>Reithrodontomys montanus</i>
Plains pocket mouse	<i>Perognathus flavescens</i>
Prairie vole	<i>Microtus ochrogaster</i>
Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
Pronghorn	<i>Antilocapra Americana</i>
Pygmy shrew	<i>Sorex hoyi</i>
Raccoon	<i>Procyon lotor</i>
Red deer	<i>Cervus elaphus</i>
Red fox	<i>Vulpes vulpes</i>
Ringtail	<i>Bassariscus astutus</i>
Rocky Mountain bighorn sheep	<i>Ovis canadensis</i>
Rocky Mountain elk	<i>Cervus elaphus canadensis</i>
Sagebrush vole	<i>Lemmiscus curtatus</i>
Short-tailed (Ermine) weasel	<i>Mustela erminea</i>
Silky pocket mouse	<i>Perognathus flavus</i>
Silver-haired bat	<i>Lasionycteris noctivagans</i>
Snowshoe hare	<i>Lepus americanus</i>
Southern plains woodrat	<i>Neotoma micropus</i>
Southern red-backed vole	<i>Clethrionomys gapperi</i>
Spotted bat	<i>Euderma maculatum</i>
Spotted ground squirrel	<i>Spermophilus spilosoma</i>
Striped skunk	<i>Mephitis mephitis</i>
Swift fox	<i>Vulpes velox</i>
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>
Uinta chipmunk	<i>Neotamias umbrinus</i>
Virginia opossum	<i>Didelphis virginiana</i>
Water shrew	<i>Sorex palustris</i>
Western harvest mouse	<i>Reithrodontomys megalotis</i>
Western heather vole	<i>Phenacomys intermedius</i>
Western jumping mouse	<i>Zapus princeps</i>
Western pipistrelle	<i>Parastrellus hesperus</i>
Western small-footed myotis	<i>Myotis ciliolabrum</i>
Western Spotted skunk	<i>Spilogale gracilis</i>
Western white-throated woodrat	<i>Neotoma albigula</i>
White-footed mouse	<i>Peromyscus leucopus</i>
White-tailed antelope squirrel	<i>Ammospermophilus leucurus</i>
White-tailed deer	<i>Odocoileus virginianus</i>
White-tailed jackrabbit	<i>Lepus townsendii</i>
White-tailed prairie dog	<i>Cynomys leucurus</i>
Wolverine	<i>Gulo gulo</i>
Wyoming ground squirrel	<i>Spermophilus elegans</i>
Yuma myotis	<i>Myotis yumanensis</i>

6. Mollusks

(NCN) ambersnail	<i>Succinea vaginacontorta</i>
Amber glass	<i>Nesovitrea electrina</i>
Armed snaggletooth	<i>Gastrocopta armifera</i>
Ash gyro	<i>Gyraulus parvus</i>
Ashy physa	<i>Physella integra</i>
Banded mysterysnail	<i>Viviparus georgianus</i>
Blunt ambersnail	<i>Oxyloma retusum</i>
Brown hive	<i>Euconulus fulvus</i>
Carib fossaria	<i>Fossaria cubensis</i>
Chinese mysterysnail	<i>Cipangopaludina chinensis</i>
Cloche ancylid	<i>Ferrissia walkeri</i>
Cockerell lymnaea	<i>Fossaria cockerelli</i>

Comb snaggletooth	<i>Gastrocopta pentodon</i>
Compound coil	<i>Helicodiscus parallelus</i>
Costate vallonina	<i>Vallonia costata</i>
Creeping ancyliid	<i>Ferrissia rivularis</i>
Cross vertigo	<i>Vertigo modesta</i>
Cylindrical papershell	<i>Anodontoides ferussacianus</i>
Disc gyro	<i>Gyraulus circumstriatus</i>
Erie snaggletooth	<i>Gastrocopta carnegiei</i>
European valve snail	<i>Valvata piscinalis</i>
Five-tooth vertigo	<i>Vertigo ventricosa</i>
Forest disc	<i>Discus whitneyi</i>
Fragile ancyliid	<i>Ferrissia fragilis</i>
Giant floater	<i>Pyganodon (Anodonta) grandis grandis</i>
Giant rams-horn snail	<i>Marisa cornuarietis</i>
Glass physa	<i>Physa skinneri</i>
Glossy pillar	<i>Cionella lubrica</i>
Golden fossaria	<i>Fossaria obrussa</i>
Japanese mysterysnail	<i>Cipangopaludina japonica</i>
Lake fingernailclam	<i>Musculium lacustre</i>
Lambda snaggletooth	<i>Gastrocopta holzingeri</i>
Lance aplexa	<i>Aplexa elongata</i>
Long fingernailclam	<i>Musculium transversum</i>
Lovely vallonina	<i>Vallonia pulchella</i>
Lyrate mountainsnail	<i>Oreohelix haydeni</i>
Marsh pondsnail	<i>Stagnicola elodes</i>
Marsh rams-horn	<i>Planorbella trivolvis</i>
Meadow slug	<i>Deroceras laeve</i>
Mesa rams-horn	<i>Planorbella scalaris</i>
Mimic lymnaea	<i>Pseudosuccinea columella</i>
Mossy valvata	<i>Valvata sincera</i>
Multirib vallonina	<i>Vallonia gracilicosta</i>
New Zealand mudsnail	<i>Potamopyrgus antipodarum</i>
Niobrara ambersnail	<i>Oxyloma haydeni</i>
One-ridge fieldslug	<i>Deroceras monentolophus</i>
Olive mysterysnail	<i>Viviparus subpurpureus</i>
Ovate vertigo	<i>Vertigo ovata</i>
Pewter physa	<i>Physella heterostropha</i>
Pondhorn	<i>Uniomereus tetralasmus</i>
Prairie fossaria	<i>Fossaria bulimoides</i>
Protean physa	<i>Physella virgata</i>
Pygmy fossaria	<i>Fossaria parva</i>
Quadrangular	<i>Pillclam Pisidium milium</i>
Quagga mussel	<i>Dreissena bugensis</i>
Quick gloss	<i>Zonitoides arboreus</i>
Quilted melania	<i>Tarebia granifera</i>
Ridgebeak peaclam	<i>Pisidium compressum</i>
Rock fossaria	<i>Fossaria modicella</i>
Rocky Mountain capshell	<i>Acroloxus coloradensis</i>
Rocky Mountain column	<i>Pupilla blandi</i>
Rocky Mountain dagger	<i>Pupoides inornatus</i>
Rocky mountainsnail	<i>Oreohelix strigosa</i>
Sharp sprite	<i>Promenetus exacuus</i>
Shiny peaclam	<i>Pisidium nitidum</i>
Slim snaggletooth	<i>Gastrocopta pellucida</i>
Smooth coil	<i>Helicodiscus singleyanus</i>
Spruce snail	<i>Microphysula ingersolli</i>
Striated fingernailclam	<i>Sphaerium striatinum</i>

Suboval ambersnail
Swamp lymnaea
Tadpole physa
Toothless column
Triangular peaclam
Two-ridge rams-horn
Ubiquitous peaclam
Umbilicate sprite
Utah physa
Variable vertigo
White snaggletooth
White-lip dagger
Widespread column
Wild hive
Wrinkled marshsnail
Zebra mussel

Catinella vermeta
Lymnaea stagnalis
Physella gyrina
Columella edentula
Pisidium variabile
Helisoma anceps
Pisidium casertanum
Promenetus umbilicatellus
Physella utahensis
Vertigo gouldi
Gastrocopta tappaniana
Pupoides albilabris
Pupilla muscorum
Euconulus chersinus
Stagnicola caperata
Dreissena polymorpha

7. Reptiles

Black-necked gartersnake
Chihuahuan nightsnake
Coachwhip
Colorado checkered whiptail
Common gartersnake
Common checkered whiptail
Common kingsnake
Common lesser earless lizard
Common sagebrush lizard
Common side-blotched lizard
Common snapping turtle
Desert nightsnake
Desert spiny lizard
Eastern collared lizard
Glossy snake
Gophersnake
Great Plains ratsnake
Great Plains skink
Hernandez's short-horned lizard
Lined snake
Long-nosed leopard lizard
Long-nosed snake
Many-lined skink
Massasauga
Midget faded (Western) rattlesnake
Milksnake
North American racer
Northern watersnake
Ornate box turtle
Ornate tree lizard
Painted turtle
Plains black-headed snake
Plains gartersnake
Plains hog-nosed snake
Plateau fence lizard
Plateau striped whiptail
Prairie lizard
Prairie rattlesnake
Ring-necked snake

Thamnophis cyrtopsis
Hypsiglena jani
Masticophis flagellum
Aspidoscelis (Cnemidophorus) neotesselata
Thamnophis sirtalis
Aspidoscelis (Cnemidophorus) tessellata
Lampropeltis getula
Holbrookia maculata
Sceloporus graciosus
Uta stansburiana
Chelydra serpentina
Hypsiglena chlorophaea
Sceloporus magister
Crotaphytus collaris
Arizona elegans
Pituophis catenifer
Pantherophis emoryi
Plestiodon (Eumeces) obsoletus
Phrynosoma hernandesi
Tropidoclonion lineatum
Gambelia wislizenii
Rhinocheilus lecontei
Plestiodon (Eumeces) multivirgatus
Sistrurus catenatus
Crotalus oreganus
Lampropeltis triangulum
Coluber constrictor
Nerodia sipedon
Terrapene ornata
Urosaurus ornatus
Chrysemys picta
Tantilla nigriceps
Thamnophis radix
Heterodon nasicus
Sceloporus tristichus
Aspidoscelis (Cnemidophorus) velox
Sceloporus consobrinus
Crotalus viridis
Diadophis punctatus

Round-tailed horned lizard
Six-lined racerunner
Smith's black-headed snake
Smooth greensnake
Spiny softshell
Striped whipsnake
Terrestrial gartersnake
Texas horned lizard
Texas threadsnake
Tiger whiptail
Western groundsnake
Western ribbonsnake
Yellow mud turtle

Phrynosoma modestum
Aspidoscelis (Cnemidophorus) sexlineata
Tantilla hobartsmithi
Opheodrys (Liochlorophis) vernalis
Apalone (Trionix) spinifera
Masticophis taeniatus
Thamnophis elegans
Phrynosoma cornutum
Leptotyphlops dulcis
Aspidoscelis (Cnemidophorus) tigris
Sonora semiannulata
Thamnophis proximus
Kinosternon flavescens

Basis and Purpose:

Updating the common name of *Ptychocheilus lucius*

The reference in Appendix E to the common name of *Ptychocheilus lucius* has been updated to Colorado pikeminnow.

The statements of basis and purpose for these regulations can be obtained from the Colorado Division of Parks and Wildlife, Office of the Regulations Manager by emailing dnr_cpw_planning@state.co.us or by visiting the Division of Parks and Wildlife headquarters at 6060 Broadway, Denver, CO, 80216.

The statutory authority for these regulations includes, but is not limited to:

- § 24-4-103, C.R.S.
- § 33-1-105(1)(c), C.R.S. (Commission has the power to “Construct or otherwise establish public facilities and conveniences at any site or on any land in which the commission holds an interest ... and, when appropriate, make reasonable fees or charges for their use....”).
- §§ 33-1-101 to 33-6-209, C.R.S., particularly §§ 33-1-105, -106, -107, and 33-4-102, C.R.S.
- § 33-9-102, C.R.S.

EFFECTIVE DATE – THE REGULATIONS HEREIN SHALL BECOME EFFECTIVE JULY 1, 2022 AND SHALL REMAIN IN FULL FORCE AND EFFECT UNTIL REPEALED, AMENDED OR SUPERSEDED.

APPROVED AND ADOPTED BY THE PARKS AND WILDLIFE COMMISSION OF THE STATE OF COLORADO THIS 4TH DAY OF MAY, 2022.

**APPROVED:
Carrie Besnette Hauser
Chair**

**ATTEST:
Luke B. Schafer
Secretary**