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CHAPTER 603
DEPARTMENT OF AGRICULTURE

FILING CAPTION: Update the Approved Invertebrate Species List for Oregon

EFFECTIVE DATE: 01/22/2026

AGENCY APPROVED DATE: 01/22/2026

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AMEND: 603-052-1320

RULE TITLE: Approved Species (Non-Regulated)

NOTICE FILED DATE: 11/06/2025

RULE SUMMARY: Amend category “Scorpions” to “Scorpions and non spider arachnids”.
Add 225 new invertebrate species and 3 categories:
Add to “Earthworms (Annelida)” list: Compost earthworm, Eisenia fetida.
Add category “Nematodes”. Add to “Nematodes” list: Insect predator nematodes, Heterorhabditis bacteriaphora (insect biocontrol agent); Insect predator nematodes, Steinernema carpocapse, S. feltiae (insect biocontrol agent).
Add to “Crustacea” list: Pillbug, Armadillidium klugii (education, pet); Pillbug, Armadillidium maculatum, A. vulgare (education, pet); Woodlouse, Atlantoscia floridana (pet); Little sea pillbug, Cubaris murina (pet); Common striped woodlouse, Philoscia muscorum (pet); Rough woodlouse, Porcellio scaber (pet); Woodlouse, Porcellio spinicornis, Porcellionides pruinosus (pet); Sowbug, Rhyscotus texensis (pet); Dwarf white isopods, Trichorhina tomentosa (pet); Pillbug, Venezillo parvus (pet).
Add category “Centipedes (Chilopoda)”. Add to “Centipedes (Chilopoda)” list: Centipede, Scolopendra alternans (education, pet); Common desert centipede, Scolopendra polymorpha (education, pet); Giant centipede, Scolopendra subspinipes (education, pet).
Add to “Millipedes (Diplopoda)” list: Yellow banded millipede, Anadenobolus monilicomis (education, pet); Giant fire millipede, Aphistogoniulus coralipes (education, pet); Ivory millipede, Chicobolus spinigerus (education, pet); Red legged milliped, Epibolus pulcripes (education, pet); Millipede, Mardonius parilis (education, pet); Smokey oak millipede, Narceus gordanus (education, pet); Millipede, Spiropoeus fischeri (education, pet); Rusty millipede, Trigoniulus corallinus (education, pet).
Add to “Mites (Acari)” list: Whitetop mite, Aceria drabae (weed biocontrol agent); Predatory mite, Amblydromalus limonicus (arthropod biocontrol agent); Predatory mite, Amblyseius andersoni (arthropod biocontrol agent); Predatory mite, Amblyseius brassicae (arthropod biocontrol agent); Predatory mite, Amblyseius swirskii (arthropod biocontrol agent).
Add to “Spiders (Araneae)” list: Tarantulas, Family Theraphosidae (education, pet).
Add to “Scorpions and non spider arachnids” list: Florida tailless whipscorpion, Acanthoscurria geniculata (pet); Fat-

tailed scorpion, Androctonus australis (education, pet); Black fat-tailed scorpion, Androctonus bicolor (education, pet); Mafia scorpion, Anuroctonus phaiodactylus (education, pet); Giant amblypygid, Damon diadema (education, pet); Flat rock scorpion, Hadogenes paucidens (education, pet); Flat rock scorpion, Hadogenes troglodytes (education, pet); Giant desert hairy scorpion, Hadrurus arizonensis (education, pet); Asian blue forest scorpion, Heterometrus cyaneus (education, pet); Deathstalker, Leirus quinquestriatus (education, pet); Giant vinegarroon, Mastigoproctus giganteus (education, pet); Tansanian red-clawed scorpion, Pandinoides cavimanus (education, pet); Red claw scorpion, Pandinus cavimanus (education, pet); Tailless whip-scorpion, Phrynus marginemaculatus (education, pet); Deathstalker, Tityus serrulatus (education, pet).
Add category “Springtails (Collembola)”. At to “Springtails (Collembola)” list: Springtail, Folsomia candida (pet); Springtail, Sinella curviseta (education, pet food).
Add to “Roaches (Blattaria)” list: Flat horned hisser, Aeluropoda insignis (education, pet); Peppered cockroach, Archimandrita tesselata (education, pet); Red runner, Blatta lateralis (education, pet); Cuban burrowing cockroach, Byrosotria fumigata (education, pet); Emerald cockroach, Corydidarum magnifica (education, pet); Javanese hissing roach, Elliptorhina javanica (education, pet); Orange headed cockroach, Eublaberus posticus (education, pet); Headlamp roach, Eublaberus serranus (education, pet); Zebra cockroach, Eurcotis decipiens (education, pet); Palmetto bug, Eurcotis floridiana (education, pet); Vibrant hisser, Princisia vanwaerebeki (education, pet); Question mark cockroach, Therea olegrandjeani (education, pet); Domino roach, Therea petiveriana (education, outreach).
Add category “Stick insects (Phasmatodea)”. Add to “Stick insects (Phasmatodea)” list: Stick insect, Achrioptera manga (education, pet); Thorny stick insect, Aretaon asperrimus (education, pet); Giant lime stick insect, Diapherodes gigantea (education, pet); Thorny devil, Eurycantha calcarata (education, pet); Giant prickly stick insect, Extatosoma tiaratum (education, pet); Malaysian stick insect, Heteropteryx dilatata (education, pet); Guadalupe stick insect, Lamponius guerini (education, pet); Western short-horn walking stick, Parabacillus hesperus (education, pet); Walkingstick, Phobaeticus serratipes (education, pet); Gray’s leaf insect, Phyllium bioculatum (education, pet); Malaysian giant leaf insect, Phyllium giganteum (education, pet); Leaf insect, Phyllium philippinicum (education, pet); Pink winged stick insect, Sipyloidea sipylus (education, pet); Sunny stick insect, Sungaya inexpectata (education, pet).
Add to “Crickets and Grasshoppers (Orthoptera)” list: Malaysian katydid, Ancylecha fenestrata (education, pet); Dragon headed katydid, Eumegaladon blanchardi (education, pet); Giant Malayan katydid, Macrolyristes corporalis (education, pet).
Add to “Mantids (Mantodea)” list: Giant dead leaf mantis, Deroplatys dessicata (education, pet); Dead leaf mantis, Deroplatys lobata (education, pet); Grizzled mantis, Gonatista grisea (education, pet); Violin mantis, Gongylus gongylodes (education, pet); Giant rainforest mantis, Hierodula majuscula (education, pet); Orchid mantis, Hymenopus coronatus (education, pet); Praying mantis, Parablepharis kuhlii (education, pet); Budwing mantis, Parasphendale argionina (education, pet); Ghost mantis, Phyllocrania paradoxa (education, pet); Praying mantis, Pnigomantis medioconstricta (education, pet); Peruvian leaf mantis, Pseudoxyops perpulchra (education, pet); Shield mantis, Rhombodera basalis (education, pet); California mantis, Stagmomantis californica (education, pet); Bordered mantis, Stagmomantis limbata (education, pet); Panther mantis, Tarachodula pantherina (education, pet).
Add to “True Bugs (Hemiptera)” list: Green stink bug, Acrosternum hilare (research); Minute pirate bug, Anthocoris nemoralis (insect biocontrol agent); Man-faced stink bug, Catacanthus incarnatus (education, pet); Minute pirate bug, Orius tristicolor (insect biocontrol agent).
Add to “Plant Lice, Mealybugs, Scales, and Whiteflies (Sternorrhyncha)” list: Knotweed psyllid, Aphalara itadori (weed biocontrol agent); Banded-wing whitefly, Trialeurodes abutilioneus (research).
Add to “Thrips (Thysanoptera)” list: Gorse thrips, Sericothrips staphylinus (weed biocontrol agent).
Add to “Lacewings (Neuroptera)” list: Brown lacewing, Sympherobius barberi (insect biocontrol agent).
Add to “Beetles (Coleoptera)” list: Two-spot ladybird, Adalia bipunctata (insect biocontrol agent); Lesser mealworm, Alphitobius diaperinus (pet, research); Blue death feigning beetle, Asbolus verrucosus (pet); Rove beetle, Atheta coriaria (biocontrol); Pine ladybeetle, Brumus quadripustulatus (insect biocontrol agent); Yellow starthistle root-crown weevil, Ceratapion basicorne (weed biocontrol agent); Atlas beetle, Chalcosoma atlas (education, pet); Scarab beetle,

Cheirotonus parryi (education, pet); Figeater beetle, Cotinis mutabilis (education, pet); Metallic stag beetle, Cyclommatus metallifer (education, pet); Greenhouse rove beetle, Dalotia coriaria (biocontrol agent); Whitefly predator, Delphastes catalinae (biocontrol agent); Western Hercules beetle, Dynastes grantii (education, pet); Tree of heaven weevil, Eucryptorrhynchus brandti (weed biocontrol agent); Multicolored Asian ladybeetle, Harmonia axyridis (education, research); Deerhorn stag beetle, Hexarthrius parryi (education, pet); Giant palm weevil, Macrochirus praetor (education, pet); Giant African fruit beetle, Mecynorhina polyphemus (education, pet); Scarab beetle, Mecynorhina torquata (education, pet); Giant flower beetle, Mecynorhina ugandensis (education, pet); Giant yellow stag beetle, Odontolabis femoralis (education, pet); Sun beetle, Pachnoda marginota (education, pet); Ground beetle, Pasimachus viridans (education, pet); Rainbow stag beetle, Phalacrognathus muelleri (education, pet); Red stag beetle, Prosopocoilus astacoides (education, pet); Yellow toadflax shoot-galling weevil, Rhinusa pilosa (weed biocontrol agent); Frog-legged leaf beetle, Sagra femorata (education, pet); Rhinocerus beetle, Xylotrupes gideon (education, pets).
Add to "Butterflies and Moths (Lepidoptera)" list: Lesser wax moth, Achroia grisella (pet food).
Add to "Ants, Bees, and Wasps (Hymenoptera)" list: Ant, Acromyrmex octospinosus (education, pet); Ant, Acromyrmex versicolor (education, pet); Ant, Aphaenogaster megommata, A. occidentalis (education, pet); Leafcutter ants, Atta cephalotes, A. texana (education, research); Bumblebees native to Oregon, e.g. Bombus appositus, B. nevadensis, B. sitkensis (pollinators)**; Ant, Brachymyrmex depilis (education, pet); Carpenter ant, Camponotus essigi, C. herculeanus, C. hyatti, C. laevigatus, C. laevissimus, C. maccooki, C. modoc, C. nearcticus, C. novaboracensis, C. sansabeanus, C. sayi, C. semitestaceus, C. vicinus (education, pet); Ant, Cephalotes atratus (education, pet); Ant, Crematogaster coarctata (education, pet); Whitefly parasitoid, Eretmocerus eremicus (insect biocontrol agent); Ant, Forelius mccooki, F. pruinosus Formica accreta, F. aerata, F. altipetens, F. argentea, F. integroides, F. moki, F. neoclara, F. neogagates, F. neurofibarbis, F. obscuripes, F. obscuriventris, F. occulta, F. pacifica, F. podzolica, F. Sibylla, F. subaenescens, F. sebelongata, F. subpolita, F. xerophila, Lasius americanus, L. aphidicola, L. brevicornis, L. latipes, L. neoniger, Liometopum luctuosum, L. occidentale (education, pet); Drosophila parasitoid, Ganaspis kimorum, Leptopilina japonica (insect biocontrol agent); Manic ants, Manica bradleyi, M. hunteri, M. invidia (education, pet); Leafcutter bee, Megachile inermis, M. pugnata (pollinator)**; Caterpillar parasitoid, Microplitis croceipes (insect biocontrol agent); Filth fly parasitoid, Muscidifurax zaraptor (insect biocontrol agent); Honeypot ants, Myrmeococystus kennedyi, M. mimicus, M. pyramicus, M., semirufus, M testaceus (education, pet); Filth fly parasitoid, Nasonia vitripennis (insect biocontrol agent); Alkali bee, Nomia melanderi (pollinator)**; Ant, Novomessor cockerelli (education, pet); Weaver ants, Oecophylla smaragdina (education, pet); Emerald ash borer egg parasitoid, Oobius agrili (insect biocontrol agent); Blue orchard or mason bee, Osmia aglaia (pollinator)**; Blue orchard or mason bee, Osmia californica (pollinator)**; Blue orchard or mason bee, Osmia coloradensis (pollinator)**; Blue orchard or mason bee, Osmia montana (pollinator)**; Blue orchard or mason bee, Osmia ribifloris (pollinator)**; Blue orchard or mason bee, Osmia texana (pollinator)**; Bullet ant, Paraponera clavata (education, pet); California big-headed ant, Pheidole californica (education, pet); Winter ant, Prenolepis imparis (education, pet); Ant, Pseudomyrmex ferruginea (education, pet); Thief ant, Solenopsis molesta (education, pet); Filth fly parasitoid, Spalangia cameroni (insect biocontrol agent); Filth fly parasitoid, Spalangia endius (insect biocontrol agent); Emerald ash borer larval parasitoid, Spathius agrili, S. galinae (insect biocontrol agent); Ant, Temnothorax rugatulus (education, pet); Pavement ant, Tetramorium immigrans (education, pet); Emerald ash borer larval parasitoid, Tetrastichus planipennisi (insect biocontrol agent); Harvester ant, Veromessor andrei (education, pet).

Remove the following groups and species:
Remove category "Snails (Gastropoda)". Remove from "Snails (Gastropoda)" list: spike-topped apple snail (Pomacea diffusa).
Remove from "Crustacea" list: Pillbug, Armadillium spp.
Remove from "Spiders (Araneae)" list: Chilean rose-haired tarantula, Grammastola rosea; Greenbottle blue tarantula, Chromatopelma cyaneopubescens; Mexican redknee tarantula, Brachypelma smithi; Piink toed tarantula, Aphonopelma bentzi.

RULE TEXT:

(1) Invertebrate species listed as approved may be imported, possessed, sold, purchased, exchanged, transported, or released in Oregon without a permit from the Department. This applies only to stock collected within the continental United States. Species marked with an asterisk (*) have additional restrictions as noted below the sections in which they appear.
(2) A permit for the importation, possession, or intrastate transportation of some ODA-approved species may be required by the United States Department of Agriculture, Animal and Plant Health Inspection Service, Plant Protection and Quarantine: (https://www.aphis.usda.gov/organism-soil-imports).
(3) Live invertebrates not on the list of approved invertebrates in any life stage may not be imported, possessed, sold, purchased, exchanged, transported, or released in the state unless a permit is first obtained from the Department.
(4) These rules apply to all life stages, but do not apply to dead specimens.
(5) These rules do not apply to marine or aquatic invertebrates.
(6) Placement on this list does not constitute an endorsement by the Department of the efficacy of listed biological control agents, suitability of listed invertebrates as pets, or anything else except that trade in listed species does not pose a plant pest risk in Oregon.
(7) The following is a list of approved invertebrates that may be imported, possessed, sold, purchased, exchanged, transported, or released in Oregon. This list provides the common name, scientific name, and common use.
(a) Earthworms (Annelida).
(A) Grey worm, Aporrectodea caliginosa (bait, pet food).
(B) Compost earthworm, Eisenia fetida, E. veneta (composter, pet food, bait).
(C) Grindal worm or pot worm, Enchytraeus buchholzi (pet food).
(D) Red worm, Lumbricus rubella (composter, pet food, bait).
(E) European earthworm, Lumbricus terrestris (composter, pet food, bait).
(F) Earthworm, Lumbricus variegatus (composter, pet food, bait).
(G) No common name, Stylaria spp. (education, research).
(b) Nematodes
(A) Insect predator nematodes, Heterorhabditis bacteriaphora (insect biocontrol agent).
(B) Insect predator nematodes, Steinernema carpocapse, S. feltiae (insect biocontrol agent).
(c) Crustacea
(A) Pillbug, Armadillidium klugii (education, pet).
(B) Pillbug, Armadillidium maculatum, A. vulgare (education, pet).
(C) Woodlouse, Atlantoscia floridana (pet).
(D) Land hermit crab, Coenobita clypeatus (pet).
(E) Little sea pillbug, Cubaris murina (pet).
(F) Sowbug, Oniscus spp. (education).
(G) Common striped woodlouse, Philoscia muscorum (pet).
(H) Rough woodlouse, Porcellio scaber (pet).
(I) Woodlouse, Porcellio spinicornis, Porcellionides pruinosus (pet).
(J) Sowbug, Rhyscotus texensis (pet).
(K) Dwarf white isopods, Trichorhina tomentosa (pet).
(L) Pillbug, Venezillo parvus (pet).
(M) For other Crustacea defined as wildlife (shellfish), e.g. shrimp, crabs, crayfish, see Department of Fish and Wildlife rules: ORS 506.011 and OAR 635-056-0050.
(d) Centipedes (Chilopoda)
(A) Centipede, Scolopendra alternans (education, pet).
(B) Common desert centipede, Scolopendra polymorpha (education, pet).
(C) Giant centipede, Scolopendra subspinipes (education, pet).
(e) Millipedes (Diplopoda)

(A) Yellow banded millipede, Anadenobolus monilicomis (education, pet).
(B) Giant fire millipede, Aphistogoniulus coralipes (education, pet).
(C) Giant African millipede, Archispirostreptus gigas (education, pet).
(D) Ivory millipede, Chicobolus spinigerus (education, pet).
(E) Red legged milliped, Epibolus pulcripes (education, pet).
(F) Giant African black millipede, Lophostreptus (=Scaphiostreptus) rutilans (education, pet).
(G) Millipede, Mardonius parilis (education, pet).
(H) Smokey oak millipede, Narceus gordanus (education, pet).
(I) Desert millipede, Scaphistreptus ornatus, S. texicolens (pet).
(J) Millipede, Spirobolus spp. (education).
(K) Millipede, Spiropoeus fischeri (education, pet).
(L) Giant millipede, Thyrophygus spp. (education, pet).
(M) Rusty millipede, Trigoniulus corallinus (education, pet).
(f) Mites (Acari)
(A) Flour mite, Acaris siro (predator mite food).
(B) Whitetop mite, Aceria drabae (weed biocontrol agent).
(C) Bindweed gall mite, Aceria malherbae (weed biocontrol agent).
(D) Tulip bulb mite, Aceria tulipae (research).
(E) Predatory mite, Amblydromalus limonicus (arthropod biocontrol agent).
(F) Predatory mite, Amblyseius andersoni (arthropod biocontrol agent).
(G) Predatory mite, Amblyseius barkeri (arthropod biocontrol agent).
(H) Predatory mite, Amblyseius brassicae (arthropod biocontrol agent).
(I) Predatory mite, Amblyseius cucumeris (arthropod biocontrol agent).
(J) Predatory mite, Amblyseius degenerens (arthropod biocontrol agent).
(K) Spider mite predator, Amblyseius hibisci (mite biocontrol agent).
(L) Spider mite predator, Amblyseius mckenziei (arthropod biocontrol agent).
(M) Predatory mite, Amblyseius swirskii (arthropod biocontrol agent).
(N) Dried fruit mite, Carpoglyphus lactis (predator mite food).
(O) Rush skeletonweed gall mite, Eriophyes chondrillae (weed biocontrol agent).
(P) Spider mite predator, Galendromus occidentalis (mite biocontrol agent).
(Q) Dust mite, Lepidoglyphus destructor (predator mite food).
(R) Spider mite predator, Mesoseiulus longipes (mite biocontrol agent).
(S) Spider mite predator, Neoseiulus californicus (mite biocontrol agent).
(T) Spider mite predator, Neoseiulus fallacis (mite biocontrol agent).
(U) Cyclamen mite, Phytonemus pallidus (research).
(V) Spider mite predator, Phytoseiulus persimilis (mite biocontrol agent).
(W) Fungus gnat larval predator, Stratiolaelaps aculeifer, S. miles, S. scimitus (insect biocontrol agent).
(X) Gorse spider mite, Tetranychus lintearius (weed biocontrol agent).
(Y) Two-spotted spider mite, Tetranychus urticae (research).
(Z) Mold mite, Tyrophagus putrescentiae (predator mite food).
(g) Spiders (Araneae)
(A) Tarantulas, Family Theraphosidae (education, pet).
(B) Cellar spider, Pholcus phalangioides (education).
(C) Wolf spider (Family Lycosidae) (education)*.
(D) Orb weaver spider, (Family Araneidae) (education)*.

[Note: *only from stock collected in the Pacific Northwest]

(h) Scorpions and non-spider arachnids
(A) Florida tailless whipscorpion, Acanthoscurria geniculata (pet).
(B) Fat-tailed scorpion, Androctonus australis (education, pet).
(C) Black fat-tailed scorpion, Androctonus bicolor (education, pet).
(D) Mafia scorpion, Anuroctonus phaiodactylus (education, pet).
(E) Giant amblypygid, Damon diadema (education, pet).
(F) Flat rock scorpion, Hadogenes paucidens (education, pet).
(G) Flat rock scorpion, Hadogenes troglodytes (education, pet).
(H) Giant desert hairy scorpion, Hadrurus arizonensis (education, pet).
(I) Asian blue forest scorpion, Heterometrus cyaneus (education, pet).
(J) Deathstalker, Leirus quinquestriatus (education, pet).
(K) Giant vinegarroon, Mastigoproctus giganteus (education, pet).
(L) Tansanian red-clawed scorpion, Pandinoides cavimanus (education, pet).
(M) Red claw scorpion, Pandinus cavimanus (education, pet).
(N) Emperor scorpion, Pandinus imperator (education, pet).
(O) Tailless whip-scorpion, Phrynus marginemaculatus (education, pet).
(P) Deathstalker, Tityus serrulatus (education, pet).
(i) Springtails (Collembola)
(A) Springtail, Folsomia candida (pet)
(B) Springtail, Sinella curviseta (education, pet food).
(j) Roaches (Blattaria)
(A) Flat horned hisser, Aeluropoda insignis (education, pet).
(B) Peppered cockroach, Archimandrita tesselata (education, pet).
(C) Giant cockroach, Blaberus spp. (education, pet).
(D) Guyana spotted cockroach, Blaptica dubia (education, pet).
(E) Red runner, Blatta lateralis (education, pet).
(F) Oriental cockroach, Blatta orientalis (education, research).
(G) German cockroach, Blattella germanica (education, research).
(H) Cuban burrowing cockroach, Byrosotria fumigata (education, pet).
(I) Emerald cockroach, Corydidarum magnifica (education, pet).
(J) Javanese hissing roach, Elliptorhina javanica (education, pet).
(K) Orange headed cockroach, Eublaberus posticus (education, pet).
(L) Headlamp roach, Eublaberus serranus (education, pet)
(M) Zebra cockroach, Eurcotis decipiens (education, pet).
(N) Palmetto bug, Eurcotis floridiana (education, pet).
(O) Hissing cockroach, Gromphadorhina oblongonata (education, pet).
(P) Madagascar hissing cockroach, Gromphadorhina portentosa (education, pet).
(Q) American cockroach, Periplaneta americana (education, research).
(R) Vibrant hisser, Princisia vanwaerebeki (education, pet).
(S) Question mark cockroach, Therea olegrandjeani (education, pet).
(T) Domino roach, Therea petiveriana (education, outreach).
(k) Isoptera (Termites)
(A) Western subterranean termite, Reticulitermes hesperus (education).
(B) Western dampwood termite, Zootermopsis angusticollis (education).
(l) Stick Insects (Phasmatodea)
(A) Stick insect, Achrioptera manga (education, pet).

(B) Thorny stick insect, Aretaon asperrimus (education, pet).
(C) Giant lime stick insect, Diapherodes gigantea (education, pet).
(D) Thorny devil, Eurycantha calcarata (education, pet).
(E) Giant prickly stick insect, Extatosoma tiaratum (education, pet).
(F) Malaysian stick insect, Heteropteryx dilatata (education, pet).
(G) Guadalupe stick insect, Lamponius guerini (education, pet)
(H) Western short-horn walking stick, Parabacillus hesperus (education, pet)
(I) Walkingstick, Phobaeticus serratipes (education, pet).
(J) Gray's leaf insect, Phyllium bioculatum (education, pet).
(K) Malaysian giant leaf insect, Phyllium giganteum (education, pet).
(L) Leaf insect, Phyllium philippinicum (education, pet).
(M) Pink winged stick insect, Sipyloidea sipylus (education, pet).
(N) Sunny stick insect, Sungaya inexpectata (education, pet).
(m) Crickets and Grasshoppers (Orthoptera)
(A) House cricket, Acheta domesticus (education, pet food).
(B) Malaysian katydid, Ancylecha fenestrata (education, pet).
(C) Dragon headed katydid, Eumegaladon blanchardi (education, pet).
(D) Tropical house cricket, Gryllodes sigillatus (education, pet food).
(E) Giant Malayan katydid, Macrolyristes corporalis (education, pet).
(n) Mantids (Mantodea)
(A) Giant dead leaf mantis, Deroplatys dessicata (education, pet).
(B) Dead leaf mantis, Deroplatys lobata (education, pet).
(C) Grizzled mantis, Gonatista grisea (education, pet).
(D) Violin mantis, Gongylus gongylodes (education, pet).
(E) Giant rainforest mantis, Hierodula majuscula (education, pet).
(F) European mantis, Mantis religiosa (education, pet).
(G) Orchid mantis, Hymenopus coronatus (education, pet).
(H) Praying mantis, Parablepharis kuhlii (education, pet).
(I) Budwing mantis, Parasphendale argionina (education, pet).
(J) Ghost mantis, Phyllocrania paradoxa (education, pet).
(K) Praying mantis, Pnigomantis medioconstricta (education, pet).
(L) Peruvian leaf mantis, Pseudoxyops perpulchra (education, pet).
(M) Shield mantis, Rhombodera basalis (education, pet).
(N) California mantis, Stagmomantis californica (education, pet).
(O) Bordered mantis, Stagmomantis limbata (education, pet).
(P) Panther mantis, Tarachodula pantherina (education, pet).
(Q) Chinese mantis, Tenodera aridifolia sinensis (education, insect biocontrol agent).
(o) True Bugs (Hemiptera)
(A) Green stink bug, Acrosternum hilare (research).
(B) Minute pirate bug, Anthocoris nemoralis (insect biocontrol agent).
(C) Western boxelder bug, Boisea rubrolineata (education).
(D) Man-faced stink bug, Catacanthus incarnatus (education, pet).
(E) Western tarnished plant bug, Lygus hesperus (education).
(F) Tarnished plant bug, Lygus lineolaris (education).
(G) Large milkweed bug, Oncopeltus fasciatus (education).
(H) Insidious flower bug, Orius insidiosus (insect biocontrol agent).
(I) Minute pirate bug, Orius tristicolor (insect biocontrol agent).

(p) Plant Lice, Mealybugs, Scales, and Whiteflies (Sternorrhyncha)
(A) Bluegreen aphid, Acyrthosiphon kondoi (research).
(B) Pea aphid, Acyrthosiphon pisum (research).
(C) Knotweed psyllid, Aphalara itadori (weed biocontrol agent).
(D) Cowpea aphid, Aphis craccivora (research).
(E) Bean aphid, Aphis fabae (research).
(F) Melon or cotton aphid, Aphis gossypii (research).
(G) Corn root aphid, Aphis maidiradicis (research).
(H) Oleander aphid, Aphis nerii (research).
(I) Rose scale, Aulacaspis rosae (research).
(J) Foxglove aphid, Aulacorthum solani (research).
(K) Cabbage aphid, Brevicoryne brassicae (research).
(L) Artichoke aphid, Capitophorus elaeagni (research).
(M) Carrot aphid, Cavariella aegopodii (research).
(N) Wooly apple aphid, Eriosoma lanigerum (research).
(O) Boat gall aphid, Hayhurstia atriplicis (research).
(P) Oystershell scale, Lepidosaphes ulmi (research).
(Q) Turnip aphid, Lipaphis pseudobrassicae (research).
(R) Potato aphid, Macrosiphum euphorbiae (research).
(S) Rose aphid, Macrosiphum rosae (research).
(T) Green peach aphid, Myzus persicae (research).
(U) European fruit lecanium, Parthenolecanium corni (research).
(V) Longtailed mealybug, Pseudococcus longispinus (research).
(W) European fruit scale, Quadraspidiotus ostreaeformis (research).
(X) Bird cherry oat aphid, Rhopalosiphum padi (research).
(Y) Greenbug, Schizaphis graminum (research).
(Z) English grain aphid, Sitobion avanae (research).
(AA) Spotted alfalfa aphid, Therioaphis trifolii (research).
(BB) Banded-wing whitefly, Trialeurodes abutilioneus (research).
(CC) Greenhouse whitefly, Trialeurodes vaporariorum (research).
(q) Thrips (Thysanoptera)
(A) Tobacco thrips, Frankliniella fusca (research).
(B) Western flower thrips, Frankliniella occidentalis (research).
(C) Gorse thrips, Sericothrips staphylinus (weed biocontrol agent).
(D) Predatory six-spotted thrips, Scolothrips sexmaculatus (mite biocontrol agent)*.
(E) Gladiolus thrips, Thrips simplex (research).
(F) Onion thrips, Thrips tabaci (research).
(r) Lacewings (Neuroptera)
(A) Common green lacewing, Chrysopa carnea (insect biocontrol agent).
(B) Green lacewing, Chrysopa rufilabris (insect biocontrol agent).
(C) Brown lacewing, Sympherobius barberi (insect biocontrol agent).
(s) Beetles (Coleoptera)
(A) Two-spot ladybird, Adalia bipunctata (insect biocontrol agent).
(B) St. Johnswort borer, Agrilus hyperici (weed biocontrol agent).
(C) Lesser mealworm, Alphitobius diaperinus (pet, research).
(D) Brown dot leafy spurge flea beetle, Apthona cyparissiae (weed biocontrol agent).
(E) Black dot leafy spurge flea beetle, Apthona czwalinae (weed biocontrol agent).

(F) Copper or amber leafy spurge flea beetle, Apthona flava (weed biocontrol agent).
(G) Brown-legged leafy spurge flea beetle, Apthona lacertosa (weed biocontrol agent).
(H) Black dot leafy spurge flea beetle, Apthona nigriscutis (weed biocontrol agent).
(I) Blue death feigning beetle, Asbolus verrucosus (pet).
(J) Rove beetle, Atheta coriaria (biocontrol).
(K) Broad-nosed seed head weevil, Bangasternus fausti (weed biocontrol agent).
(L) Yellow star thistle bud weevil, Bangasternus orientalis (weed biocontrol agent).
(M) Scotch broom bruchid, Bruchidius villosus (weed biocontrol agent).
(N) Pea weevil, Bruchus pisorum (education, research).
(O) Pine ladybeetle, Brumus quadripustulatus (insect biocontrol agent).
(P) Cowpea weevil, Callosobruchus maculatus (education, research).
(Q) Histerid beetle, Carcinops pumilio (insect biocontrol agent).
(R) Corn sap beetle, Carpophilus dimidiatus (education, research).
(S) Dried fruit beetle, Carpophilus hemipterus (education, research).
(T) Yellow starthistle root-crown weevil, Ceratapion basicorne (weed biocontrol agent).
(U) Canada thistle stem weevil, Ceutorhynchus litura (weed biocontrol agent).
(V) Atlas beetle, Chalcosoma atlas (education, pet).
(W) Scarab beetle, Cheirotonus parryi (education, pet).
(X) Klamathweed beetle, Chrysolina hyperici (weed biocontrol agent).
(Y) Klamathweed beetle, Chrysolina quadrigemina (weed biocontrol agent).
(Z) Mealybug destroyer, Crytolaemus montrouzieri (insect biocontrol agent).
(AA) Figeater beetle, Cotinis mutabilis (education, pet).
(BB) Metallic stag beetle, Cyclommatus metallifer (education, pet).
(CC) Knapweed root weevil, Cyphlocleonus achates (weed biocontrol agent).
(DD) Greenhouse rove beetle, Dalotia coriaria (biocontrol agent).
(EE) Whitefly predator, Delphastes catalinae (biocontrol agent).
(FF) Dermestid beetles, Dermestes spp. (education, museum specimen preparation).
(GG) Western Hercules beetle, Dynastes grantii (education, pet).
(HH) Tree of heaven weevil, Eucryptorrhynchus brandti (weed biocontrol agent).
(II) Yellow star thistle hairy weevil, Eustenopus villosus (weed biocontrol agent).
(JJ) Scotch broom seed weevil, Exapion fuscirostre (weed biocontrol agent).
(KK) Gorse seed weevil, Exapion ulicis (weed biocontrol agent).
(LL) Black-margined loosestrife beetle, Galerucella calmariensis (weed biocontrol agent).
(MM) Golden loosestrife beetle, Galerucella pusilla (weed biocontrol agent).
(NN) Toadflax seed capsule weevil, Gymnetron antirrhini (weed biocontrol agent).
(OO) Multicolored Asian ladybeetle, Harmonia axyridis (education, research).
(PP) Canada thistle stem weevil, Hadroplontus litura (weed biocontrol agent).
(QQ) Deerhorn stag beetle, Hexarthrius parryi (education, pet).
(RR) Convergent ladybeetle, Hippodamia convergens (insect biocontrol agent).
(SS) Loosestrife root weevil, Hylobius transversovittatus (weed biocontrol agent).
(TT) Yellow star thistle flower weevil, Larinus curtus (weed biocontrol agent).
(UU) Lesser knapweed flower weevil, Larinus minutus (weed biocontrol agent).
(VV) Blunt knapweed flower weevil, Larinus obtusus (weed biocontrol agent).
(WW) Cigarette beetle, Lasioderma serricorne (education, research).
(XX) Tansy ragwort flea beetle, Longitarsus jacobaeae (weed biocontrol agent).
(YY) Giant palm weevil, Macrochirus praetor (education, pet).
(ZZ) Toadflax stem weevil, Mecinus janthinus (weed biocontrol agent).

(AAA) Giant African fruit beetle, Mecynorhina polyphemus (education, pet).
(BBB) Scarab beetle, Mecynorhina torquata (education, pet).
(CCC) Giant flower beetle, Mecynorhina ugandensis (education, pet).
(DDD) Puncturevine seed weevil, Microlarinus lareynii (weed biocontrol agent).
(EEE) Puncturevine stem weevil, Microlarinus lypriformis (weed biocontrol agent).
(FFF) Loosestrife seed weevil, Nanophyes marmoratus (weed biocontrol agent).
(GGG) Red-necked leafy spurge stem borer, Oberea erythrocephala (weed biocontrol agent).
(HHH) Giant yellow stag beetle, Odontolabis femoralis (education, pet).
(III) Bess beetle, Odontotaenius disjunctus (education).
(JJJ) Merchant grain beetle, Orzaephilus mercator (education).
(KKK) Sawtoothed grain beetle, Orzaephilus surinamensis (education).
(LLL) Sun beetle, Pachnoda marginota (education, pet).
(MMM) Ground beetle, Pasimachus viridans (education, pet).
(NNN) Rainbow stag beetle, Phalacrognathus muelleri (education, pet).
(OOO) Mediterranean sage root weevil, Phrydiuchus tau (weed biocontrol agent).
(PPP) Red stag beetle, Prosopocoilus astacoides (education, pet).
(QQQ) Yellow toadflax shoot-galling weevil, Rhinusa pilosa (weed biocontrol agent).
(RRR) Lesser grain borer, Rhyzopertha dominica (education).
(SSS) Frog-legged leaf beetle, Sagra femorata (education, pet).
(TTT) Spider mite destroyer, Stethorus punctillum (biocontrol).
(UUU) Granary weevil, Sitophilus granaria (education).
(VVV) Granary weevil, Sitophilus oryzae (education).
(WWW) Bronze knapweed root borer, Sphenoptera jugoslavica (weed biocontrol agent).
(XXX) Drugstore beetle, Stegobium paniceum (education).
(YYY) Yellow mealworm, Tenebrio molitor (education, pet food).
(ZZZ) Yellow mealworm, Tenebrio obscurus (education, pet food).
(AAAA) Cadelle, Tenebroides mauritanicus (education).
(BBBB) Red flour beetle, Tribolium castaneum (education, research).
(CCCC) Confused flour beetle, Tribolium confusum (education, research).
(DDDD) Rhinocerus beetle, Xylotrupes gideon (education, pets).
(EEEE) Giant mealworm, Zophobas morio (education, pet food).
(t) Butterflies and Moths (Lepidoptera).
(A) Lesser wax moth, Achroia grisella (pet food).
(B) Sulfur knapweed moth, Agapeta zoegana (weed biocontrol agent).
(C) Polyphemus moth, Anthereae polyphemus (education)*.
(D) St. Johnswort moth, Aplocera plagiata (weed biocontrol agent).
(E) Silkworm, Bombyx mori (education, research).
(F) Almond moth, Cadra cautella (research).
(G) Raisin moth, Cadra figulilella (research).
(H) Toadflax moth, Calophasia lunula (weed biocontrol agent).
(I) Butterworm, Chilecomadia moorei (pet food), USDA permit and irradiation required.
(J) Russian thistle or tumbleweed casebearer, Coleophora klimeschiella (weed, biocontrol agent).
(K) Russian thistle stem-mining moth or tumbleweed stem moth, Coleophora parthenica (weed biocontrol agent).
(L) Orange sulfur or alfalfa caterpillar, Colias eurytheme (education, releases).
(M) Mexican jumping bean, Cydia deshaisiana (education, pet).
(N) Mediterranean meal moth, Ephestia kuehniella (education).
(O) Saltmarsh caterpillar, Estigmene acrea (education)*.

(P) Greater wax moth, Galleria mellonella (education, pet food, research).
(Q) Corn earworm/cotton bollworm/tomato fruitworm, Helicoverpa zea (research).
(R) Tobacco budworm, Heliothis virescens (research).
(S) Brown house moth, Hofmannophila pseudospretella (research).
(T) Ceanothus silk moth, Hylaphora euryalus (education, release)*.
(U) Whitelined sphinx moth, Hyles lineata (education).
(V) Scotch broom twig miner, Leucoptera spartifoliella (weed biocontrol agent).
(W) Tomato hornworm, Manduca quinquemaculata (education, research).
(X) Tomato hornworm, Manduca sexta (education, research).
(Y) Spotted knapweed seedhead moth, Metzneria paucipunctella (weed biocontrol agent).
(Z) Mourning cloak, Nymphalis antiopa (education, release).
(AA) Rusty tussock moth, Orgyia antigua (research).
(BB) Western tiger swallowtail butterfly, Papilio rutulus (education, release).
(CC) Anise swallowtail butterfly, Papilio zelicaon (education, release).
(DD) Cabbage white or imported cabbageworm, Pieris rapae (education).
(EE) Indian meal moth, Plodia interpunctella (education, pet food, research).
(FF) Meal moth, Pyralis farinalis (education, pet food, research).
(GG) Wooly bear, Pyrrarctia isabella (education)*.
(HH) Beet Armyworm, Spodoptera exigua (research).
(II) Cabbage looper, Trichoplusia ni (research).
(JJ) Cinnabar moth, Tyria jacobaeae (weed biocontrol agent).
(KK) Red admiral, Vanessa atalanta (education, release).
(LL) Painted ladies, Vanessa cardui, V. virginiensis (education, release).

[Note: *only from stock collected in the western U.S.]

(u) Flies (Diptera)
(A) Aphid predator midge, Aphidoletes aphidimyza (insect biocontrol agent).
(B) Russian knapweed gall wasp, Aulacidea acroptilonica (weed biocontrol agent).
(C) Ragwort seed head fly, Botanophila seneciella (weed biocontrol agent).
(D) Darkwinged fungus gnats, Bradysia spp. (research).
(E) Blow and bottle flies, Calliphora spp. (education).
(F) Knapweed peacock fly, Chaetorellia acrolophi (weed biocontrol agent).
(G) Yellow star thistle peacock fly, Chaetorellia australis (weed biocontrol agent).
(H) Mosquito, Culex spp. (education, research).
(I) Rush skeletonweed gall midge, Cystiphora schmidti (weed biocontrol agent).
(J) Seedcorn maggot, Delia platura (research).
(K) Vinegar fly, Drosophila melanogaster (education, pet food, research).
(L) Vinegar fly, Drosophila mohavensis (education, research).
(M) Vinegar fly, Drosophila hydei (education, research).
(N) Vinegar fly, Drosophila virilis (education, research).
(O) European hover fly, Eristalis tenax (bait).
(P) Black soldier fly, Hermetia illucens (composter).
(Q) Russian knapweed gall midge, Jaapiella ivannikovi (weed biocontrol agent).
(R) Serpentine leafminer, Liriomyza brassicae (research).
(S) Grey flesh fly, Sarcophaga bullata (education, research).
(T) Green clearwing fly, Terellia virens (seed biocontrol agent).

(U) Banded gall fly, Urophora affinis (seed biocontrol agent).
(V) Canada thistle stem gall fly, Urophora cardui (weed biocontrol agent).
(W) UV knapweed seed head fly, Urophora quadrifasciata (weed biocontrol agent).
(X) Yellow star thistle gall fly, Urophora sirunaseva (weed biocontrol agent).
(Y) Bull thistle seed head gall fly, Urophora stylata (weed biocontrol agent).
(v) Ants, Bees, and Wasps (Hymenoptera)
(A) Ant, Acromyrmex octospinosus (education, pet).
(B) Ant, Acromyrmex versicolor (education, pet).
(C) Weevil larva parasitoid, Anisopteromalus calandrae (insect biocontrol agent).
(D) Ant, Aphaenogaster megommata, A. occidentalis (education, pet).
(E) Aphid parasitoid, Aphidius aphidimyza (insect biocontrol agent).
(F) Aphid parasitoid, Aphidius colemani (insect biocontrol agent).
(G) Aphid parasitoid, Aphidius ervi (insect biocontrol agent).
(H) Aphid parasitoid, Aphidius matricariae (Insect biocontrol agent).
(I) Italian honeybee, Apis mellifera ligustica (pollinator).
(J) European honeybee, Apis mellifera mellifera (pollinator).
(K) Leafcutter ants, Atta cephalotes, A. texana (education, research).
(L) Bumblebees native to Oregon, e.g. Bombus vosnesenskii, B. appositus, B. bifarius, B. californicus, B. griseocolis, B. melanopygus, B. mixtus, B. nevadensis, B. stickiness (pollinators)**.
(M) Ant, Brachymyrmex depilis (education, pet).
(N) Egg and larval parasitoid of stored product pests, Bracon hebeter (insect biocontrol agent).
(O) Carpenter ant, Camponotus essigi, C. herculeanus, C. hyatti, C. laevigatus, C. laevissimus, C. maccooki, C. modoc, C. nearcticus, C. novaboracensis, C. sansabeanus, C. sayi, C. semitestaceus, C. vicinus (education, pet).
(P) Ant, Cephalotes atratus (education, pet).
(Q) Egg and larval parasitoid of stored product pests, Cotesia plutellae (insect biocontrol agent).
(R) Ant, Crematogaster coarctata (education, pet).
(S) Whitefly parasitoid, Encarsia formosa (insect biocontrol agent).
(T) Whitefly parasitoid, Eretmocerus californicus and E. eremicus (insect biocontrol agent).
(U) Ant, Forelius mccooki, F. pruinosus, Formica accreta, F. aerata, F. altipetens, F. argentea, F. integroides, F. moki, F. neoclara, F. neogagates, F. neurofibarbis, F. obscures, F. obscuriventris, F. occulta, F. pacifica, F. podzolica, F. sibylla, F. subaenescens, F. sebelongata, F. subpolita, F. xerophila, Lasius americanus, L. aphidicola, L. brevicornis, L. latipes, L. neoniger, Liometopum luctuosum, L. occidentale (education, pet).
(V) Drosophila parasitoid, Ganaspis kimorum, Leptopilina japonica (insect biocontrol agent).
(W) Aphid parasitoid, Lysiphlebus testaceipes (insect biocontrol agent).
(X) Manic ants, Manica bradleyi, M. hunteri, M. invidia (education, pet).
(Y) Leafcutter bee, Megachile inermis, M. pugnata (pollinator)**.
(Z) Alfalfa leafcutter bee, Megachile rotundata (pollinator)**.
(AA) Caterpillar parasitoid, Microplitis croceipes (insect biocontrol agent).
(BB) Filth fly parasitoid, Muscidifurax zaraptor (insect biocontrol agent).
(CC) Honeypot ants, Myrmeococystus kennedyi, M. mimicus, M. pyramicus, M., semirufus, M testaceus (education, pet).
(DD) Filth fly parasitoid, Nasonia vitripennis (insect biocontrol agent).
(EE) Alkali bee, Nomia melanderi (pollinator)**.
(FF) Ant, Novomessor cockerelli (education, pet).
(GG) Weaver ants, Oecophylla smaragdina (education, pet).
(HH) Emerald ash borer egg parasitoid, Oobius agrili (insect biocontrol agent).
(II) Blue orchard or mason bee, Osmia aglaia (pollinator)**.
(JJ) Blue orchard or mason bee, Osmia californica (pollinator)**.

(KK) Blue orchard or mason bee, Osmia coloradensis (pollinator)**
(LL) Blue orchard or mason bee, Osmia lignaria propinqua (pollinator)**.
(MM) Blue orchard or mason bee, Osmia montana (pollinator)**.
(NN) Blue orchard or mason bee, Osmia ribifloris (pollinator)**.
(OO) Blue orchard or mason bee, Osmia texana (pollinator)**.
(PP) Bullet ant, Paraponera clavata (education, pet).
(QQ) California big-headed ant, Pheidole californica (education, pet).
(RR) Harvester ant, Pogonomyrmex owyheei (education).
(SS) Harvester ant, Pogonomyrmex salinus (education).
(TT) Winter ant, Prenolepis imparis (education, pet).
(UU) Ant, Pseudomyrmex ferruginea (education, pet).
(VV) Thief ant, Solenopsis molesta (education, pet).
(WW) Filth fly parasitoid, Spalangia cameroni (insect biocontrol agent).
(XX) Filth fly parasitoid, Spalangia endius (insect biocontrol agent).
(YY) Emerald ash borer larval parasitoid, Spathius agrili, S. galinae (insect biocontrol agent).
(ZZ) Ant, Temnothorax rugatulus (education, pet).
(AAA) Pavement ant, Tetramorium immigrans (education, pet).
(BBB) Emerald ash borer larval parasitoid, Tetrastichus planipennisi (insect biocontrol agent).
(CCC) Parasitoid of Lepidoptera eggs, Trichogramma minutum (insect biocontrol agent).
(DDD) Parasitoid of Lepidoptera eggs, Trichogramma pretiosum (insect biocontrol agent).
(EEE) Parasitoid of Lepidoptera eggs, Trichogramma platneri (insect biocontrol agent).
(FFF) Aphid parasitoid, Trioxys pallidus (insect biocontrol agent).
(GGG) Harvester ant, Veromessor andrei (education, pet).

[Note: *only from stock collected in the western U.S.; **only from stock collected in the Pacific Northwest]

STATUTORY/OTHER AUTHORITY: 570.210, ORS 570.215

STATUTES/OTHER IMPLEMENTED: ORS 570.215