SUBSTITUTE FOR

HOUSE BILL NO. 4579

A bill to amend 1994 PA 451, entitled "Natural resources and environmental protection act," by amending sections 41301, 41305, 41306, 41309, 41311, 41313, and 41323 (MCL 324.41301, 324.41305, 324.41306, 324.41309, 324.41311, 324.41313, and 324.41323), section 41301 as amended by 2005 PA 77, section 41305 as amended and section 41306 as added by 2005 PA 79, section 41309 as amended by 2005 PA 76, sections 41311 and 41313 as added by 2005 PA 80, and section 41323 as added by 2005 PA 75; and to repeal acts and parts of acts.

THE PEOPLE OF THE STATE OF MICHIGAN ENACT:

1 Sec. 41301. (1) As used in this part:

2 (a) "Council" means the invasive species advisory council

3 created in section 41321.

4

(A) (b) "Department" means the department of natural

1 resources.

(B) (c) "Genetically engineered" refers to an organism whose
genome, chromosomal or extrachromosomal, is modified permanently
and heritably, using recombinant nucleic acid techniques, or the
progeny thereof OF SUCH AN ORGANISM.

6 (C) (d) "Introduce", with reference to an organism, means to
7 knowingly and willfully stock, place, plant, release, or allow the
8 release of the organism in this state at any specific location
9 where the organism is not already naturalized.

10 (D) (e) "Prohibited aquatic plant species" means any of the 11 following or fragments or seeds thereof SPECIES" MEANS ANY OF THE 12 FOLLOWING:

(i) ANY OF THE FOLLOWING PROHIBITED AQUATIC PLANT SPECIES,
14 INCLUDING A HYBRID OR GENETICALLY ENGINEERED VARIANT OF THE SPECIES
15 OR A FRAGMENT, INCLUDING A SEED OR OTHER PROPAGULE, OF THE SPECIES
16 OR OF A HYBRID OR GENETICALLY ENGINEERED VARIANT:

17 (A) (i) African oxygen weed (Lagarosiphon major). or a hybrid
 18 or genetically engineered variant thereof.

19 (B) (ii) Brazilian elodea (Egeria densa). or a hybrid or
20 genetically engineered variant thereof.

21

(C) CYLINDRO (CYLINDROSPERMOPSIS RACIBORSKII).

(D) (iii) European frogbit (Hydrocharis morsus-ranae). or a
 hybrid or genetically engineered variant thereof.

24 (E) FANWORT (CABOMBA CAROLINIANA).

25 (F) (*iv*) Giant hogweed (Heracleum mantegazzianum). or a hybrid
26 or genetically engineered variant thereof.

27

(G) (v) Giant salvinia (Salvinia molesta, auriculata, biloba,

2

or herzogii). or a hybrid or genetically engineered variant
 thereof.

(H) (vi) Hydrilla (Hydrilla verticillata). or a hybrid or 3 4 genetically engineered variant thereof. (I) (vii) Japanese knotweed (Fallopia japonica). or a hybrid or 5 6 genetically engineered variant thereof. (J) (viii) Parrot's feather (Myriophyllum aquaticum). or a 7 hybrid or genetically engineered variant thereof. 8 (K) STARRY STONEWORT (NITELLOPSIS OBTUSA). 9 10 (L) (ix) Water chestnut (Trapa natans). or a hybrid or 11 genetically engineered variant thereof. 12 (x) Yellow flag iris (Iris pseudacorus) or a hybrid or 13 genetically engineered variant thereof. 14 (M) (xi) Yellow floating heart (Nymphoides peltata). or a hybrid or genetically engineered variant thereof. 15 (f) "Prohibited fish species" means any of the following or 16 17 the eqqs thereof: (*ii*) THE FOLLOWING PROHIBITED BIRD SPECIES, INCLUDING A HYBRID 18

19 OR GENETICALLY ENGINEERED VARIANT OF THE SPECIES OR AN EGG OF THE 20 SPECIES OR OF A HYBRID OR GENETICALLY ENGINEERED VARIANT: EURASIAN 21 COLLARED DOVE (STREPTOPELIA DECAOCTO).

(*iii*) THE FOLLOWING PROHIBITED CRUSTACEAN SPECIES, INCLUDING A
HYBRID OR GENETICALLY ENGINEERED VARIANT OF THE SPECIES OR AN EGG
OF THE SPECIES OR OF A HYBRID OR GENETICALLY ENGINEERED VARIANT:
RUSTY CRAYFISH (ORCONECTES RUSTICUS).

26 (*iv*) ANY OF THE FOLLOWING PROHIBITED FISH SPECIES, INCLUDING A
27 HYBRID OR GENETICALLY ENGINEERED VARIANT OF THE SPECIES OR AN EGG

OF THE SPECIES OR OF A HYBRID OR GENETICALLY ENGINEERED VARIANT: 1 2 (A) (i) Bighead carp (Hypophthalmichthys nobilis). or a hybrid or genetically engineered variant thereof. 3 4 (B) (ii) Bitterling (Rhodeus sericeus). or a hybrid or 5 genetically engineered variant thereof. (C) (iii) Black carp (Mylopharyngodon piceus). or a hybrid or 6 genetically engineered variant thereof. 7 (D) EURASIAN RUFFE (GYMNOCEPHALUS CERNUUS). 8 (E) (*iv*) Grass carp (Ctenopharyngodon idellus). or a hybrid or 9 genetically engineered variant thereof. 10 11 (F) (v) Ide (Leuciscus idus). or a hybrid or genetically 12 engineered variant thereof. (G) (*vi*) Japanese weatherfish (Misgurnus anguillicaudatus). or 13 14 a hybrid or genetically engineered variant thereof. (H) ROUND GOBY (NEOGOBIUS MELANOSTOMUS). 15 (I) (vii) Rudd (Scardinius erythrophthalamus). or a hybrid or 16 17 genetically engineered variant thereof. (J) (viii) Silver carp (Hypophthalmichthys molitrix). or a 18 19 hybrid or genetically engineered variant thereof. (K) (ix) A fish of the snakehead family (family Channidae). Or 20 21 a genetically engineered variant thereof. (L) (x) Tench (Tinca tinca). or a hybrid or genetically 22 23 engineered variant thereof. (g) "Prohibited insect species" means any of the following or 24 25 the eggs thereof: 26 (M) TUBENOSE GOBY (PROTERORHINUS MARMORATUS). 27 (v) ANY OF THE FOLLOWING PROHIBITED INSECT SPECIES, INCLUDING

4

A HYBRID OR GENETICALLY ENGINEERED VARIANT OF THE SPECIES OR AN EGG
 OF THE SPECIES OR OF A HYBRID OR GENETICALLY ENGINEERED VARIANT:

- 3 (A) (i) Asian longhorned beetle (Anoplophora glabripennis). or
 4 a hybrid or genetically engineered variant thereof.
- 5 (B) (ii) Emerald ash borer (Agrilus planipennis). or a hybrid
 6 or genetically engineered variant thereof.

7 (h) "Prohibited species" means any of the following:

- 8 (*i*) A prohibited aquatic plant species.
- 9 (*ii*) A prohibited fish species.
- 10 <u>(*iii*) A prohibited insect species.</u>

11 (*vi*) THE FOLLOWING PROHIBITED MAMMAL SPECIES, INCLUDING A

12 HYBRID OR GENETICALLY ENGINEERED VARIANT: NUTRIA (MYOCASTOR

13 COYPUS).

14 (*vii*) ANY OF THE FOLLOWING PROHIBITED MOLLUSK SPECIES,

15 INCLUDING A HYBRID OR GENETICALLY ENGINEERED VARIANT OF THE SPECIES 16 OR AN EGG OF THE SPECIES OR OF A HYBRID OR GENETICALLY ENGINEERED 17 VARIANT:

- 18 (A) BROWN GARDEN SNAIL (HELIX ASPERSA).
- 19 (B) CARTHUSIAN SNAIL (MONACHA CARTUSIANA).
- 20 (C) GIANT AFRICAN SNAIL (ACHATINA FULICA).

21 (D) GIRDLED SNAIL (HYGROMIA CINCTELLA).

22 (E) HEATH SNAIL (XEROLENTA OBVIA).

23 (F) WRINKLED DUNE SNAIL (CANDIDULA INTERSECTA).

(E) (i) "Recombinant nucleic acid techniques" means laboratory
 techniques through which genetic material is isolated and

- 26 manipulated in vitro and then inserted into an organism.
- 27
- (F) (j) "Restricted aquatic plant species" means any of the

H02006'09 (H-2)

1 following or fragments or seeds thereof SPECIES" MEANS ANY OF THE
2 FOLLOWING:

(i) ANY OF THE FOLLOWING RESTRICTED AQUATIC PLANT SPECIES, 3 4 INCLUDING A HYBRID OR GENETICALLY ENGINEERED VARIANT OF THE SPECIES OR A FRAGMENT, INCLUDING A SEED OR OTHER PROPAGULE, OF THE SPECIES 5 OR OF A HYBRID OR GENETICALLY ENGINEERED VARIANT: 6 7 (A) (i) Curly leaf pondweed (Potamogeton crispus). or a hybrid or genetically engineered variant thereof. 8 (B) (ii) Eurasian watermilfoil (Myriophyllum spicatum). or a 9 10 hybrid or genetically engineered variant thereof. 11 (C) (iii) Flowering rush (Butomus umbellatus). or a hybrid or 12 genetically engineered variant thereof. (D) (*iv*) Phragmites or common reed (Phragmites australis). or a 13 hybrid or genetically engineered variant thereof. 14 15 (E) (v) Purple loosestrife (Lythrum salicaria), or a hybrid or genetically engineered variant thereof, except for THAT cultivars 16 17 OF PURPLE LOOSESTRIFE developed and recognized to be sterile and approved by the director of **THE DEPARTMENT OF** agriculture under 18 19 section 16a of the insect pest and plant disease act, 1931 PA 189, 20 MCL 286.216a, ARE NOT A RESTRICTED SPECIES.

21 (k) "Restricted species" means a restricted aquatic plant
 22 species.

(*ii*) ANY OF THE FOLLOWING RESTRICTED MOLLUSK SPECIES, INCLUDING
A HYBRID OR GENETICALLY ENGINEERED VARIANT OF THE SPECIES OR AN EGG
OF THE SPECIES OR OF A HYBRID OR GENETICALLY ENGINEERED VARIANT:

- 26 (A) QUAGGA MUSSEL (DREISSENA BUGENSIS).
- 27 (B) ZEBRA MUSSEL (DREISSENA POLYMORPHA).

H02006'09 (H-2)

(2) IT IS THE INTENTION OF THE LEGISLATURE TO LIST AN ORGANISM
 AS A PROHIBITED SPECIES IF ALL OF THE FOLLOWING REQUIREMENTS ARE
 MET:

4

(A) THE ORGANISM IS NOT NATIVE TO THIS STATE.

5 (B) THE ORGANISM IS NOT NATURALIZED IN THIS STATE OR, IF 6 NATURALIZED, IS NOT WIDELY DISTRIBUTED IN THIS STATE.

7 (C) ONE OR MORE OF THE FOLLOWING APPLY:

8 (i) THE ORGANISM HAS THE POTENTIAL TO HARM HUMAN HEALTH OR TO
9 SEVERELY HARM NATURAL, AGRICULTURAL, OR SILVICULTURAL RESOURCES.

10 (*ii*) EFFECTIVE MANAGEMENT OR CONTROL TECHNIQUES FOR THE
11 ORGANISM ARE NOT AVAILABLE.

12 (3) IT IS THE INTENTION OF THE LEGISLATURE TO LIST AN ORGANISM
13 AS A RESTRICTED SPECIES IF ALL OF THE FOLLOWING REQUIREMENTS ARE
14 MET:

15 (A) THE ORGANISM IS NOT NATIVE TO THIS STATE.

16 (B) THE ORGANISM IS NATURALIZED AND WIDELY DISTRIBUTED IN THIS
17 STATE.

18 (C) ONE OR MORE OF THE FOLLOWING APPLY:

19 (i) THE ORGANISM HAS THE POTENTIAL TO HARM HUMAN HEALTH OR TO
20 HARM NATURAL, AGRICULTURAL, OR SILVICULTURAL RESOURCES.

21 (*ii*) EFFECTIVE MANAGEMENT OR CONTROL TECHNIQUES FOR THE

22 ORGANISM ARE AVAILABLE.

23 (4) (2) For the purposes of this part:

(a) A person is not considered to possess a live organism
simply because the organism is present on land or in waters owned
by that person unless the person has knowingly introduced that live
organism on that land or in those waters.

H02006'09 (H-2)

(b) A person is not considered to possess a live organism if
 the organism was obtained from the environment and the person only
 possesses the organism at the specific location at which it was
 obtained from the environment.

5 (c) A person is not considered to possess a live organism if
6 the possession is for the purpose of promptly destroying the
7 organism.

8 Sec. 41305. A person shall not introduce a prohibited species, 9 a restricted species, or a genetically engineered or nonnative fish 10 or aquatic plant, BIRD, CRUSTACEAN, FISH, MAMMAL, OR MOLLUSK unless 11 the introduction is authorized by 1 of the following, as 12 applicable:

13 (a) For a fish, by a permit issued by the department under14 section 48735.

(b) For a prohibited species or restricted species that is an insect, by a permit issued by the department of agriculture under section 41306.

(c) For an aquatic plant, BIRD, CRUSTACEAN, FISH, MAMMAL, OR 18 19 MOLLUSK, by a permit issued by the department under section 41306. 20 Sec. 41306. (1) A person shall apply for a permit that section 21 41303 or 41305 describes as being issued by the department or the 22 department of agriculture under this section on a form developed by 23 the department or the department of agriculture, respectively. The 24 application shall be accompanied by a fee based on the cost of 25 administering this part. The department or the department of 26 agriculture, respectively, shall either grant an administratively 27 complete application and issue a permit or deny the application.

8

(2) The department or the department of agriculture may revoke
 or modify a permit issued by the department or the department of
 agriculture, respectively, under subsection (1) after providing an
 opportunity for a hearing under the administrative procedures act
 of 1969, 1969 PA 306, MCL 24.201 to 24.328.

9

6 (3) THE DEPARTMENT SHALL ADMINISTER AND ENFORCE THIS PART, 7 EXCEPT WITH RESPECT TO INSECT SPECIES. THE DEPARTMENT OF 8 AGRICULTURE SHALL ADMINISTER AND ENFORCE THIS PART WITH RESPECT TO 9 INSECT SPECIES. IN ADDITION, ANY PEACE OFFICER MAY ENFORCE THE 10 CRIMINAL PROVISIONS OF THIS PART.

Sec. 41309. (1) A person who violates section 41303(2) issubject to a civil fine of not more than \$100.00.

(2) A person who violates section 41303(1), or a condition of a permit issued under this part, with respect to a restricted species is subject to a civil fine of not more than \$5,000.00. A person who violates section 41303(1), or a condition of a permit issued under this part, with respect to a prohibited species is subject to a civil fine of not more than \$10,000.00.

19 (3) A person who violates section 41303(1) knowing the 20 possession is unlawful or who willfully or in a grossly negligent 21 manner violates a condition of a permit issued under this part is 22 guilty as follows:

(a) For a violation involving a restricted species, the person
is guilty of a misdemeanor and may be imprisoned for not more than
1 year and shall be fined not less than \$1,000.00 or more than
\$10,000.00.

27

(b) For a violation involving a prohibited species, the person

H02006'09 (H-2)

is guilty of a felony and may be imprisoned for not more than 2
 years and shall be fined not less than \$2,000.00 or more than
 \$20,000.00.

4 (4) A person who, with intent to damage natural, agricultural,
5 or silvicultural resources OR HUMAN HEALTH:

6 (a) Violates section 41303(1) with respect to a restricted
7 species or possesses a nonnative fish or aquatic plant, BIRD,
8 CRUSTACEAN, FISH, MAMMAL, OR MOLLUSK is guilty of a felony and may
9 be imprisoned for not more than 2 years and shall be fined not less
10 than \$1,000.00 or more than \$250,000.00.

(b) Violates section 41303(1) with respect to a prohibited species or possesses a genetically engineered fish or aquatic plant, BIRD, CRUSTACEAN, FISH, MAMMAL, OR MOLLUSK is guilty of a felony and may be imprisoned for not more than 4 years and shall be fined not less than \$2,000.00 or more than \$500,000.00.

16 (5) A person who sells or offers to sell a restricted species 17 is subject to a civil fine of not less than \$1,000.00 or more than 18 \$10,000.00. A person who sells or offers to sell a prohibited 19 species is subject to a civil fine of not less than \$2,000.00 or 20 more than \$20,000.00.

(6) A person who violates section 41305 is guilty as follows:
(a) For a violation involving a restricted species or a
nonnative fish or aquatic plant, BIRD, CRUSTACEAN, FISH, MAMMAL, OR
MOLLUSK, the person is guilty of a misdemeanor and may be
imprisoned for not more than 6 months and shall be fined not less
than \$500.00 or more than \$5,000.00.

27

(b) For a violation involving a prohibited species or a

H02006'09 (H-2)

1 genetically engineered fish or aquatic plant, BIRD, CRUSTACEAN, 2 FISH, MAMMAL, OR MOLLUSK, the person is guilty of a misdemeanor and 3 may be imprisoned for not more than 1 year and shall be fined not 4 less than \$1,000.00 or more than \$10,000.00.

5 (7) A person who violates section 41305 with respect to a 6 restricted species or nonnative fish or aquatic plant, BIRD, CRUSTACEAN, FISH, MAMMAL, OR MOLLUSK and who knows or should know 7 the identity of the restricted species or that the organism, 8 whether a restricted species or other fish or aquatic plant, BIRD, 9 10 CRUSTACEAN, FISH, MAMMAL, OR MOLLUSK, is nonnative is guilty of a 11 misdemeanor and may be imprisoned for not more than 1 year and 12 shall be fined not less than \$1,000.00 or more than \$10,000.00.

(8) A person who violates section 41305 with respect to a 13 prohibited species or a genetically engineered fish or aquatic 14 plant, BIRD, CRUSTACEAN, FISH, MAMMAL, OR MOLLUSK and who knows or 15 should know the identity of the prohibited species or that the fish 16 17 or-aquatic plant, BIRD, CRUSTACEAN, FISH, MAMMAL, OR MOLLUSK is genetically engineered, respectively, is guilty of a felony and may 18 19 be imprisoned for not more than 2 years and shall be fined not less 20 than \$2,000.00 or more than \$20,000.00.

(9) A person who violates section 41305 knowing theintroduction is unlawful, is guilty as follows:

(a) For a violation involving a restricted species or
nonnative fish or aquatic plant, BIRD, CRUSTACEAN, FISH, MAMMAL, OR
MOLLUSK, the person is guilty of a felony and may be imprisoned for
not more than 2 years and shall be fined not less than \$1,000.00 or
more than \$250,000.00.

H02006'09 (H-2)

11

(b) For a violation involving a prohibited species or a
 genetically engineered fish or aquatic plant, BIRD, CRUSTACEAN,
 FISH, MAMMAL, OR MOLLUSK, the person is guilty of a felony and may
 be imprisoned for not more than 4 years and shall be fined not less
 than \$2,000.00 or more than \$500,000.00.

6 (10) A person who, with intent to damage natural,
7 agricultural, or silvicultural resources OR HUMAN HEALTH, violates
8 section 41305 is guilty as follows:

9 (a) For a violation involving a restricted species or
10 nonnative fish or aquatic plant, BIRD, CRUSTACEAN, FISH, MAMMAL, OR
11 MOLLUSK, the person is guilty of a felony and may be imprisoned for
12 not more than 3 years and shall be fined not less than \$1,000.00 or
13 more than \$500,000.00.

(b) For a violation involving a prohibited species or a
genetically engineered fish or aquatic plant, BIRD, CRUSTACEAN,
FISH, MAMMAL, OR MOLLUSK, the person is guilty of a felony and may
be imprisoned for not more than 5 years and shall be fined not less
than \$2,000.00 or more than \$1,000,000.00.

19 (11) Subsections (3), (4), and (9) do not apply before
20 November 1, 2005 to violations involving species other than fish.
21 Subsections (6), (7), (8), and (10) do not apply before November 1, 2005.

(11) (12) In addition to any other civil or criminal sanction
imposed under this section, a person who violates this part is
liable for any damages to natural resources resulting from the
violation, including, but not limited to, costs incurred to prevent
or minimize such damages.

12

H02006'09 (H-2)

(12) (13) This part does not apply to activities authorized
 under the Michigan aquaculture development act, 1996 PA 199, MCL
 286.871 to 286.884.

4 Sec. 41311. (1) The invasive species fund is created within5 the state treasury.

6 (2) The department shall forward to the state treasurer and 7 the state treasurer shall deposit into the fund civil fines COLLECTED UNDER SECTION 41309 and permit fees collected under this 8 9 part SECTION 41306. The state treasurer may receive money or other 10 assets from any source for deposit into the fund. The state 11 treasurer shall direct the investment of the fund. The state 12 treasurer shall credit to the fund interest and earnings from fund 13 investments.

14 (3) Money in the fund at the close of the fiscal year shall15 remain in the fund and shall not lapse to the general fund.

16 (4) The department shall expend money from the fund, upon17 appropriation, only for 1 or more of the following purposes:

18 (a) The administration of this part.

(b) Public education about preventing the introduction of,
 controlling, or eradicating prohibited species, restricted species,
 and other nonnative species and genetically engineered fish,
 insects, and aquatic plants, BIRDS, CRUSTACEANS, FISH, INSECTS,
 MAMMALS, AND MOLLUSKS.

Sec. 41313. The department shall post on its website all ofthe following:

26 (a) Information on the requirements of this part applicable to27 the public.

H02006'09 (H-2)

TMV

13

1

(b) The penalties for violating the requirements of this part.

2 (c) A list of prohibited species and restricted species along
3 with a description and a photograph or drawing of each of those
4 species.

5 (d) Each annual report of the council DEPARTMENT under section
6 41323, for not less than 3 years after its issuance.

7 Sec. 41323. (1) The council DEPARTMENT shall do all of the8 following:

9 (a) Within 6 months after the effective date of the amendatory
10 act that added this section BY MARCH 1 OF EACH YEAR, submit to the
11 governor and the legislature a report that makes recommendations on
12 additions ALL OF THE FOLLOWING:

(i) ADDITIONS to or deletions from the list of prohibited
species and restricted species AND THE CLASSES OF ORGANISMS COVERED
BY THIS PART BASED ON CRITERIA SET FORTH IN SECTION 41301(2) AND
(3).

17 (b) By March 1 of each year, beginning in 2006, submit to the 18 governor and the legislature a report that makes recommendations on 19 all of the following:

(i) The adoption of lists for classes of prohibited and
 restricted organisms other than fish, insects, and aquatic plants.
 (ii) The status of various prohibited species and other
 problematic invasive organisms in this state, including, but not
 limited to, a list of infested waterbodies by species.

(*iii*) Preventing the introduction of and controlling or
eradicating invasive or genetically engineered fish, insects, and
aquatic plants, BIRDS, CRUSTACEANS, FISH, INSECTS, MAMMALS, OR

1 MOLLUSKS.

2 (*iv*) Restoration or remediation of habitats or species damaged
3 by invasive species or genetically engineered organisms.

4 (v) Prioritizing efforts to prevent violations of and
5 otherwise further the purposes of this part.

6 (vi) The specific areas of responsibility for various state
7 departments under this part and the sharing of information on
8 permits under this part among responsible state departments.

9 (vii) Educating citizens about their responsibilities under
10 this part and their role in preventing the introduction of and
11 controlling or eradicating prohibited species, restricted species,
12 and invasive or genetically engineered fish, insects, or aquatic
13 plants, BIRDS, CRUSTACEANS, FISH, INSECTS, MAMMALS, OR MOLLUSKS.

14 (viii) Simplifying citizen access to state government for15 compliance with this part.

16 (*ix*) Legislation and funding to carry out the council's
17 DEPARTMENT'S recommendations and otherwise further the purposes of
18 this part.

19 (x) Other matters that the council DEPARTMENT considers20 pertinent to the purposes of this part.

(c) Establish criteria for identifying waterbodies infested byprohibited species.

23 (d) Monitor and promote efforts to rescind the exemption under
24 40 CFR 122.3(a) for ballast water discharges.

(2) The council DEPARTMENT shall carry out its reporting and
other duties in cooperation with the aquatic nuisance species
council created under Executive Order No. 2002-21.

H02006'09 (H-2)

TMV

15

(3) This section is repealed effective 5 years after the
 effective date of the amendatory act that added this section.
 Enacting section 1. Section 41321 of the natural resources and
 environmental protection act, 1994 PA 451, MCL 324.41321, is
 repealed.
 Enacting section 2. This amendatory act takes effect 90 days

6 Enacting section 2. This amendatory act takes effect 90 days7 after the date it is enacted into law.