

# HOUSE BILL No. 4710

May 3, 2005, Introduced by Reps. Acciavatti, Schuitmaker, Pavlov, Jones, Wenke, Ball, Huizenga, Farhat, Elsenheimer, Kooiman, Walker, Vander Veen, Ward, Gillard and Emmons and referred to the Committee on Natural Resources, Great Lakes, Land Use, and Environment.

A bill to amend 1994 PA 451, entitled  
"Natural resources and environmental protection act,"  
by amending section 41301 (MCL 324.41301), as added by 2003 PA 270.

## THE PEOPLE OF THE STATE OF MICHIGAN ENACT:

1       Sec. 41301. As used in this part:

2       (A) "COUNCIL" MEANS THE NONNATIVE SPECIES ADVISORY COUNCIL  
3       CREATED IN SECTION 41321.

4       (B) "DEPARTMENT" MEANS THE DEPARTMENT OF NATURAL RESOURCES.

5       (C) ~~—(a)—~~ "Genetically engineered" refers to ~~a fish~~ AN  
6       ORGANISM whose genome, chromosomal or extrachromosomal, is modified  
7       permanently and heritably, using recombinant nucleic acid  
8       techniques, or the progeny thereof.

9       (D) "INTRODUCE", WITH REFERENCE TO AN ORGANISM, MEANS TO

1 STOCK, PLACE, PLANT, RELEASE OR ALLOW THE RELEASE OF THE ORGANISM  
2 IN THIS STATE AT ANY SPECIFIC LOCATION WHERE THE ORGANISM IS NOT  
3 ALREADY NATURALIZED.

4 (E) "PROHIBITED AQUATIC PLANT SPECIES" MEANS ANY OF THE  
5 FOLLOWING OR FRAGMENTS OR SEEDS THEREOF:

6 (i) AFRICAN OXYGEN WEED (LAGAROSIPHON MAJOR) OR A HYBRID OR  
7 GENETICALLY ENGINEERED VARIANT THEREOF.

8 (ii) BRAZILIAN ELODEA (EGERIA Densa) OR A HYBRID OR GENETICALLY  
9 ENGINEERED VARIANT THEREOF.

10 (iii) CURLY LEAF PONDWEED (POTAMOGETON CRISPUS) OR A HYBRID OR  
11 GENETICALLY ENGINEERED VARIANT THEREOF.

12 (iv) EURASIAN WATERMILFOIL (MYRIOPHYLLUM SPICATUM) OR A HYBRID  
13 OR GENETICALLY ENGINEERED VARIANT THEREOF.

14 (v) EUROPEAN FROGBIT (HYDROCHARIS MORSUS-RANAE) OR A HYBRID OR  
15 GENETICALLY ENGINEERED VARIANT THEREOF.

16 (vi) FLOWERING RUSH (BUTOMUS UMBELLATUS) OR A HYBRID OR  
17 GENETICALLY ENGINEERED VARIANT THEREOF.

18 (vii) GIANT SALVINIA (SALVINIA MOLESTA, AURICULATA, BILOBA, OR  
19 HERZOGII) OR A HYBRID OR GENETICALLY ENGINEERED VARIANT THEREOF.

20 (viii) HYDRILLA (HYDRILLA VERTICILLATA) OR A HYBRID OR  
21 GENETICALLY ENGINEERED VARIANT THEREOF.

22 (ix) JAPANESE KNOTWEED (FALLOPIA JAPONICA) OR A HYBRID OR  
23 GENETICALLY ENGINEERED VARIANT THEREOF.

24 (x) PARROT'S FEATHER (MYRIOPHYLLUM AQUATICUM) OR A HYBRID OR  
25 GENETICALLY ENGINEERED VARIANT THEREOF.

26 (xi) PURPLE LOOSESTRIFE (LYTHRUM SALICARIA) OR A HYBRID OR  
27 GENETICALLY ENGINEERED VARIANT THEREOF, EXCEPT FOR CULTIVARS

1 DEVELOPED AND RECOGNIZED TO BE STERILE AND APPROVED BY THE DIRECTOR  
2 OF AGRICULTURE UNDER SECTION 16A OF THE INSECT PEST AND PLANT  
3 DISEASE ACT, 1931 PA 189, MCL 286.216A.

4 (xii) WATER CHESTNUT (TRAPA NATANS) OR A HYBRID OR GENETICALLY  
5 ENGINEERED VARIANT THEREOF.

6 (xiii) YELLOW FLAG IRIS (IRIS PSEUDACORUS) OR A HYBRID OR  
7 GENETICALLY ENGINEERED VARIANT THEREOF.

8 (xiv) YELLOW FLOATING HEART (NYMPHOIDES PELTATA) OR A HYBRID OR  
9 GENETICALLY ENGINEERED VARIANT THEREOF.

10 (F) ~~—(b)—~~ "Prohibited **FISH** species" means any of the  
11 following or the eggs thereof:

12 (i) Bighead carp (Hypophthalmichthys nobilis) or a hybrid or  
13 genetically engineered variant thereof.

14 (ii) Bitterling (Rhodeus sericeus) or a hybrid or genetically  
15 engineered variant thereof.

16 (iii) Black carp (Mylopharyngodon piceus) or a hybrid or  
17 genetically engineered variant thereof.

18 (iv) Grass carp (Ctenopharyngodon idellus) or a hybrid or  
19 genetically engineered variant thereof.

20 (v) Ide (Leuciscus idus) or a hybrid or genetically engineered  
21 variant thereof.

22 (vi) Japanese weatherfish (Misgurnus anguillicaudatus) or a  
23 hybrid or genetically engineered variant thereof.

24 (vii) Rudd (Scardinius erythrophthalmus) or a hybrid or  
25 genetically engineered variant thereof.

26 (viii) Silver carp (Hypophthalmichthys molitrix) or a hybrid or  
27 genetically engineered variant thereof.

(ix) A fish of the snakehead family (family Channidae) or A genetically engineered variant **THEREOF**.

(x) Tench (*Tinca tinca*) or a hybrid or genetically engineered variant thereof.

(G) "PROHIBITED INSECT SPECIES" MEANS ANY OF THE FOLLOWING OR THE EGGS THEREOF:

(i) ASIAN LONGHORNED BEETLE (*ANOPLOPHORA GLABRIPENNIS*) OR A HYBRID OR GENETICALLY ENGINEERED VARIANT THEREOF.

(ii) EMERALD ASH BORER (*AGRILUS PLANIPENNIS*) OR A HYBRID OR GENETICALLY ENGINEERED VARIANT THEREOF.

(H) "PROHIBITED SPECIES" MEANS ANY OF THE FOLLOWING:

(i) A PROHIBITED AQUATIC PLANT SPECIES.

(ii) A PROHIBITED FISH SPECIES.

(iii) A PROHIBITED INSECT SPECIES.

(I) ~~—(e)—~~ "Recombinant nucleic acid techniques" means laboratory techniques through which genetic material is isolated and manipulated in vitro and then inserted into an organism.

Enacting section 1. This amendatory act does not take effect unless all of the following bills of the 93rd Legislature are enacted into law:

(a) Senate Bill No.\_\_\_\_ or House Bill No. 4711(request no. 01130'05 \*).

(b) Senate Bill No.\_\_\_\_ or House Bill No. 4712(request no. 01131'05 \*).

(c) Senate Bill No.\_\_\_\_ or House Bill No. 4713(request no. 01132'05 \*).

(d) Senate Bill No.\_\_\_\_ or House Bill No. 4714(request no.

1 01133'05 \*).

2 (e) Senate Bill No.\_\_\_\_\_ or House Bill No. 4715(request no.

3 01134'05 \*).

4 (f) Senate Bill No.\_\_\_\_\_ or House Bill No. 4716(request no.

5 01135'05 \*).