

115TH CONGRESS
1ST SESSION

S. 826

To reauthorize the Partners for Fish and Wildlife Program and certain wildlife conservation funds, to establish prize competitions relating to the prevention of wildlife poaching and trafficking, wildlife conservation, the management of invasive species, and the protection of endangered species, and for other purposes.

IN THE SENATE OF THE UNITED STATES

Mr. BARRASSO (for himself, Mr. CARPER, Mr. INHOFE, ~~and~~ Mr. BOOKER) introduced the following bill; which was read twice and referred to the Committee on _____

Mr. Boozman
and
Mr. Whitehouse

A BILL

To reauthorize the Partners for Fish and Wildlife Program and certain wildlife conservation funds, to establish prize competitions relating to the prevention of wildlife poaching and trafficking, wildlife conservation, the management of invasive species, and the protection of endangered species, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

1 **SECTION 1. SHORT TITLE; TABLE OF CONTENTS.**

2 (a) **SHORT TITLE.**—This Act may be cited as the
 3 “Wildlife Innovation and Longevity Driver Act” or “WILD
 4 Act”.

5 (b) **TABLE OF CONTENTS.**—The table of contents for
 6 this Act is as follows:

Sec. 1. Short title; table of contents.

**TITLE I—PARTNERS FOR FISH AND WILDLIFE PROGRAM
 REAUTHORIZATION**

Sec. 1001. Partners for Fish and Wildlife Program reauthorization.

TITLE II—FISH AND WILDLIFE COORDINATION

Sec. 2001. Purpose.

Sec. 2002. Amendments to the Fish and Wildlife Coordination Act.

TITLE III—WILDLIFE CONSERVATION

Sec. 3001. Reauthorization of multinational species conservation funds.

TITLE IV—PRIZE COMPETITIONS

Sec. 4001. Definitions.

Sec. 4002. Theodore Roosevelt Genius Prize for the prevention of wildlife
 poaching and trafficking.

Sec. 4003. Theodore Roosevelt Genius Prize for the promotion of wildlife con-
 servation.

Sec. 4004. Theodore Roosevelt Genius Prize for the management of invasive
 species.

Sec. 4005. Theodore Roosevelt Genius Prize for the protection of endangered
 species.

Sec. 4006. Administration of prize competitions.

7 **TITLE I—PARTNERS FOR FISH**
 8 **AND WILDLIFE PROGRAM RE-**
 9 **AUTHORIZATION**

10 **SEC. 1001. PARTNERS FOR FISH AND WILDLIFE PROGRAM**
 11 **REAUTHORIZATION.**

12 Section 5 of the Partners for Fish and Wildlife Act
 13 (16 U.S.C. 3774) is amended by striking “\$75,000,000

1 for each of fiscal years 2006 through 2011” and inserting
2 “\$100,000,000 for each of fiscal years 2018 through
3 2022”.

4 **TITLE II—FISH AND WILDLIFE**
5 **COORDINATION**

6 **SEC. 2001. PURPOSE.**

7 The purpose of this title is to protect water and wild-
8 life from invasive species.

9 **SEC. 2002. AMENDMENTS TO THE FISH AND WILDLIFE CO-**
10 **ORDINATION ACT.**

11 (a) **SHORT TITLE; AUTHORIZATION.**—The first sec-
12 tion of the Fish and Wildlife Coordination Act (16 U.S.C.
13 661) is amended by striking “For the purpose” and insert-
14 ing the following:

15 **“SECTION 1. SHORT TITLE; AUTHORIZATION.**

16 “(a) **SHORT TITLE.**—This Act may be cited as the
17 ‘Fish and Wildlife Coordination Act’.

18 “(b) **AUTHORIZATION.**—For the purpose”.

19 (b) **PROTECTION OF WATER AND WILDLIFE FROM**
20 **INVASIVE SPECIES.**—The Fish and Wildlife Coordination
21 Act (16 U.S.C. 661 et seq.) is amended by adding at the
22 end the following:

23 **“SEC. 10. PROTECTION OF WATER AND WILDLIFE FROM**
24 **INVASIVE SPECIES.**

25 “(a) **DEFINITIONS.**—In this section:

1 “(1) CONTROL.—The term ‘control’, with re-
2 spect to an invasive species, means the eradication,
3 suppression, or reduction of the population of the
4 invasive species within the area in which the invasive
5 species is present.

6 “(2) ECOSYSTEM.—The term ‘ecosystem’
7 means the complex of a community of organisms
8 and the environment of the organisms.

9 “(3) ELIGIBLE STATE.—The term ‘eligible
10 State’ means any of—

11 “(A) a State;

12 “(B) the District of Columbia;

13 “(C) the Commonwealth of Puerto Rico;

14 “(D) Guam;

15 “(E) American Samoa;

16 “(F) the Commonwealth of the Northern
17 Mariana Islands; and

18 “(G) the United States Virgin Islands.

19 “(4) INVASIVE SPECIES.—

20 “(A) IN GENERAL.—The term ‘invasive
21 species’ means an alien species, the introduction
22 of which causes, or is likely to cause, economic
23 or environmental harm or harm to human
24 health.

1 “(B) ASSOCIATED DEFINITION.—For pur-
2 poses of subparagraph (A), the term ‘alien spe-
3 cies’, with respect to a particular ecosystem,
4 means any species (including the seeds, eggs,
5 spores, or other biological material of the spe-
6 cies that are capable of propagating the species)
7 that is not native to the affected ecosystem.

8 “(C) INCLUSION.—The terms ‘invasive
9 species’ and ‘alien species’ include any terres-
10 trial or aquatic species determined by the rel-
11 evant tribal, regional, State, or local authority
12 to meet the requirements of subparagraph (A)
13 or (B), as applicable.

14 “(5) MANAGE; MANAGEMENT.—The terms
15 ‘manage’ and ‘management’, with respect to an
16 invasive species, mean the active implementation of
17 any activity—

18 “(A) to reduce or stop the spread of the
19 invasive species; and

20 “(B) to inhibit further infestations of the
21 invasive species, the spread of the invasive spe-
22 cies, or harm caused by the invasive species, in-
23 cluding investigations regarding methods for
24 early detection and rapid response, prevention,
25 control, or management of the invasive species.

1 “(v) the National Park Service;

2 “(C) the Secretary of Agriculture, with re-
3 spect to Federal land administered by the Sec-
4 retary of Agriculture through the Forest Serv-
5 ice; and

6 “(D) the head or a representative of any
7 other Federal agency the duties of whom re-
8 quire planning relating to, and the treatment
9 of, invasive species for the purpose of protecting
10 water and wildlife on land and in water.

11 “(8) SPECIES.—The term ‘species’ means a
12 group of organisms, all of which—

13 “(A) have a high degree of genetic simi-
14 larity;

15 “(B) are morphologically distinct;

16 “(C) generally—

17 “(i) interbreed at maturity only
18 among themselves; and

19 “(ii) produce fertile offspring; and

20 “(D) show persistent differences from
21 members of allied groups of organisms.

22 “(b) CONTROL AND MANAGEMENT.—Each Secretary
23 concerned shall plan and carry out activities on land di-
24 rectly managed by the Secretary concerned to protect

1 water and wildlife by controlling and managing invasive
2 species—

3 “(1) to inhibit or reduce the populations of
4 invasive species; and

5 “(2) to effectuate restoration or reclamation ef-
6 forts.

7 “(c) STRATEGIC PLAN.—

8 “(1) IN GENERAL.—Each Secretary concerned
9 shall develop a strategic plan for the implementation
10 of the invasive species program to achieve, to the
11 maximum extent practicable, a substantive annual
12 net reduction of invasive species populations or in-
13 fested acreage on land or water managed by the Sec-
14 retary concerned.

15 “(2) COORDINATION.—Each strategic plan
16 under paragraph (1) shall be developed—

17 “(A) in coordination with affected—

18 “(i) eligible States;

19 “(ii) political subdivisions of eligible
20 States; and

21 “(iii) federally recognized Indian
22 tribes; and

23 “(B) in accordance with the priorities es-
24 tablished by 1 or more Governors of the eligible

1 States in which an ecosystem affected by an
2 invasive species is located.

3 “(3) FACTORS FOR CONSIDERATION.—In devel-
4 oping a strategic plan under this subsection, the
5 Secretary concerned shall take into consideration the
6 economic and ecological costs of action or inaction,
7 as applicable.

8 “(d) COST-EFFECTIVE METHODS.—In selecting a
9 method to be used to control or manage an invasive species
10 as part of a specific control or management project con-
11 ducted as part of a strategic plan developed under sub-
12 section (c), the Secretary concerned shall prioritize the use
13 of methods that—

14 “(1) effectively control and manage invasive
15 species, as determined by the Secretary concerned,
16 based on sound scientific data; and

17 “(2) control and manage invasive species in the
18 least costly manner.

19 “(e) COMPARATIVE ECONOMIC ASSESSMENT.—To
20 achieve compliance with subsection (d), the Secretary con-
21 cerned shall require a comparative economic assessment
22 of invasive species control and management methods to
23 be conducted.

24 “(f) EXPEDITED ACTION.—

1 “(1) IN GENERAL.—The Secretaries concerned
2 shall use all tools and flexibilities available (as of the
3 date of enactment of this section) to expedite the
4 projects and activities described in paragraph (2).

5 “(2) DESCRIPTION OF PROJECTS AND ACTIVITIES.—A project or activity referred to in paragraph
6 (1) is a project or activity—
7

8 “(A) to protect water or wildlife from an
9 invasive species that, as determined by the Sec-
10 retary concerned is, or will be, carried out on
11 land or water that is—

12 “(i) directly managed by the Secretary
13 concerned; and

14 “(ii) located in an area that is—

15 “(I) at high risk for the introduc-
16 tion, establishment, or spread of
17 invasive species; and

18 “(II) determined by the Sec-
19 retary concerned to require immediate
20 action to address the risk identified in
21 subclause (I); and

22 “(B) carried out in accordance with appli-
23 cable agency procedures, including any applica-
24 ble—

11

1 “(i) land or resource management
2 plan; or

3 “(ii) land use plan.

4 “(g) ALLOCATION OF FUNDING.—Of the amount ap-
5 propriated or otherwise made available to each Secretary
6 concerned for a fiscal year for programs that address or
7 include protection of land or water from an invasive spe-
8 cies, the Secretary concerned shall use not less than 75
9 percent for on-the-ground control and management of
10 invasive species, which may include—

11 “(1) the purchase of necessary products, equip-
12 ment, or services to conduct that control and man-
13 agement;

14 “(2) the use of integrated pest management op-
15 tions, including options that use pesticides author-
16 ized for sale, distribution, or use under the Federal
17 Insecticide, Fungicide, and Rodenticide Act (7
18 U.S.C. 136 et seq.);

19 “(3) the use of biological control agents that
20 are proven to be effective to reduce invasive species
21 populations;

22 “(4) the use of revegetation or cultural restora-
23 tion methods designed to improve the diversity and
24 richness of ecosystems;

1 “(5) the use of monitoring and detection activi-
2 ties for invasive species, including equipment, detec-
3 tion dogs, and mechanical devices;

4 “(6) the use of appropriate methods to remove
5 invasive species from a vehicle or vessel capable of
6 conveyance; or

7 “(7) the use of other effective mechanical or
8 manual control methods.

9 “(h) INVESTIGATIONS, OUTREACH, AND PUBLIC
10 AWARENESS.—Of the amount appropriated or otherwise
11 made available to each Secretary concerned for a fiscal
12 year for programs that address or include protection of
13 land or water from an invasive species, the Secretary con-
14 cerned may use not more than 15 percent for investiga-
15 tions, development activities, and outreach and public
16 awareness efforts to address invasive species control and
17 management needs.

18 “(i) ADMINISTRATIVE COSTS.—Of the amount appro-
19 priated or otherwise made available to each Secretary con-
20 cerned for a fiscal year for programs that address or in-
21 clude protection of land or water from an invasive species,
22 not more than 10 percent may be used for administrative
23 costs incurred to carry out those programs, including costs
24 relating to oversight and management of the programs,

1 recordkeeping, and implementation of the strategic plan
2 developed under subsection (c).

3 “(j) REPORTING REQUIREMENTS.—Not later than 60
4 days after the end of the second fiscal year beginning after
5 the date of enactment of this section, each Secretary con-
6 cerned shall submit to Congress a report—

7 “(1) describing the use by the Secretary con-
8 cerned during the 2 preceding fiscal years of funds
9 for programs that address or include invasive species
10 management; and

11 “(2) specifying the percentage of funds ex-
12 pended for each of the purposes specified in sub-
13 sections (g), (h), and (i).

14 “(k) RELATION TO OTHER AUTHORITY.—

15 “(1) OTHER INVASIVE SPECIES CONTROL, PRE-
16 VENTION, AND MANAGEMENT AUTHORITIES.—Noth-
17 ing in this section precludes the Secretary concerned
18 from pursuing or supporting, pursuant to any other
19 provision of law, any activity regarding the control,
20 prevention, or management of an invasive species,
21 including investigations to improve the control, pre-
22 vention, or management of the invasive species.

23 “(2) PUBLIC WATER SUPPLY SYSTEMS.—Noth-
24 ing in this section authorizes the Secretary con-
25 cerned to suspend any water delivery or diversion, or

1 otherwise to prevent the operation of a public water
2 supply system, as a measure to control, manage, or
3 prevent the introduction or spread of an invasive
4 species.

5 “(I) USE OF PARTNERSHIPS.—Subject to the sub-
6 sections (m) and (n), the Secretary concerned may enter
7 into any contract or cooperative agreement with another
8 Federal agency, an eligible State, a political subdivision
9 of an eligible State, or a private individual or entity to
10 assist with the control and management of an invasive spe-
11 cies.

12 “(m) MEMORANDUM OF UNDERSTANDING.—

13 “(1) IN GENERAL.—As a condition of a con-
14 tract or cooperative agreement under subsection (l),
15 the Secretary concerned and the applicable Federal
16 agency, eligible State, political subdivision of an eli-
17 gible State, or private individual or entity shall enter
18 into a memorandum of understanding that de-
19 scribes—

20 “(A) the nature of the partnership between
21 the parties to the memorandum of under-
22 standing; and

23 “(B) the control and management activi-
24 ties to be conducted under the contract or coop-
25 erative agreement.

1 “(2) CONTENTS.—A memorandum of under-
2 standing under this subsection shall contain, at a
3 minimum, the following:

4 “(A) A prioritized listing of each invasive
5 species to be controlled or managed.

6 “(B) An assessment of the total acres of
7 land or area of water infested by the invasive
8 species.

9 “(C) An estimate of the expected total
10 acres of land or area of water infested by the
11 invasive species after control and management
12 of the invasive species is attempted.

13 “(D) A description of each specific, inte-
14 grated pest management option to be used, in-
15 cluding a comparative economic assessment to
16 determine the least-costly method.

17 “(E) Any map, boundary, or Global Posi-
18 tioning System coordinates needed to clearly
19 identify the area in which each control or man-
20 agement activity is proposed to be conducted.

21 “(F) A written assurance that each part-
22 ner will comply with section 15 of the Federal
23 Noxious Weed Act of 1974 (7 U.S.C. 2814).

24 “(3) COORDINATION.—If a partner to a con-
25 tract or cooperative agreement under subsection (1)

1 is an eligible State, political subdivision of an eligible
2 State, or private individual or entity, the memo-
3 randum of understanding under this subsection shall
4 include a description of—

5 “(A) the means by which each applicable
6 control or management effort will be coordi-
7 nated; and

8 “(B) the expected outcomes of managing
9 and controlling the invasive species.

10 “(4) PUBLIC OUTREACH AND AWARENESS EF-
11 FORTS.—If a contract or cooperative agreement
12 under subsection (l) involves any outreach or public
13 awareness effort, the memorandum of understanding
14 under this subsection shall include a list of goals and
15 objectives for each outreach or public awareness ef-
16 fort that have been determined to be efficient to in-
17 form national, regional, State, or local audiences re-
18 garding invasive species control and management.

19 “(n) INVESTIGATIONS.—The purpose of any invasive
20 species-related investigation carried out under a contract
21 or cooperative agreement under subsection (l) shall be—

22 “(1) to develop solutions and specific rec-
23 ommendations for control and management of
24 invasive species; and

1 “(2) specifically to provide faster implementa-
2 tion of control and management methods.

3 “(o) COORDINATION WITH AFFECTED LOCAL GOV-
4 ERNMENTS.—Each project and activity carried out pursu-
5 ant to this section shall be coordinated with affected local
6 governments in a manner that is consistent with section
7 202(c)(9) of the Federal Land Policy and Management
8 Act of 1976 (43 U.S.C. 1712(e)(9)).”.

9 **TITLE III—WILDLIFE**
10 **CONSERVATION**

11 **SEC. 3001. REAUTHORIZATION OF MULTINATIONAL SPE-**
12 **CIES CONSERVATION FUNDS.**

13 (a) REAUTHORIZATION OF THE AFRICAN ELEPHANT
14 CONSERVATION ACT.—Section 2306(a) of the African
15 Elephant Conservation Act (16 U.S.C. 4245(a)) is amend-
16 ed by striking “2007 through 2012” and inserting “2018
17 through 2022”.

18 (b) REAUTHORIZATION OF THE ASIAN ELEPHANT
19 CONSERVATION ACT OF 1997.—Section 8(a) of the Asian
20 Elephant Conservation Act of 1997 (16 U.S.C. 4266(a))
21 is amended by striking “2007 through 2012” and insert-
22 ing “2018 through 2022”.

23 (c) REAUTHORIZATION OF THE RHINOCEROS AND
24 TIGER CONSERVATION ACT OF 1994.—Section 10(a) of
25 the Rhinoceros and Tiger Conservation Act of 1994 (16

1 U.S.C. 5306(a)) is amended by striking “2007 through
2 2012” and inserting “2018 through 2022”.

3 (d) AMENDMENTS TO THE GREAT APE CONSERVA-
4 TION ACT OF 2000.—

5 (1) PANEL.—Section 4(i) of the Great Ape
6 Conservation Act of 2000 (16 U.S.C. 6303(i)) is
7 amended—

8 (A) by striking paragraph (1) and insert-
9 ing the following:

10 “(1) CONVENTION.—Not later than 1 year after
11 the date of the enactment of the Wildlife Innovation
12 and Longevity Driver Act, and every 5 years there-
13 after, the Secretary shall convene a panel of experts
14 on great apes to identify the greatest needs and pri-
15 orities for the conservation of great apes.”;

16 (B) by redesignating paragraph (2) as
17 paragraph (5); and

18 (C) by inserting after paragraph (1) the
19 following:

20 “(2) COMPOSITION.—The Secretary shall en-
21 sure that the panel referred to in paragraph (1) in-
22 cludes, to the maximum extent practicable, 1 or
23 more representatives—

24 “(A) from each country that comprises the
25 natural range of great apes; and

1 “(B) with expertise in great ape conserva-
2 tion.

3 “(3) CONSERVATION PLANS.—In identifying the
4 conservation needs and priorities under paragraph
5 (1), the panel referred to in that paragraph shall
6 consider any relevant great ape conservation plan or
7 strategy, including scientific research and findings
8 relating to—

9 “(A) the conservation needs and priorities
10 of great apes;

11 “(B) any regional or species-specific action
12 plan or strategy;

13 “(C) any applicable strategy developed or
14 initiated by the Secretary; and

15 “(D) any other applicable conservation
16 plan or strategy.

17 “(4) FUNDS.—Subject to the availability of ap-
18 propriations, the Secretary may use amounts avail-
19 able to the Secretary to pay for the costs of con-
20 vening and facilitating any meeting of the panel re-
21 ferred to in paragraph (1).”.

22 (2) MULTIYEAR GRANTS.—Section 4 of the
23 Great Ape Conservation Act of 2000 (16 U.S.C.
24 6303) is amended by adding at the end the fol-
25 lowing:

1 “(j) MULTIYEAR GRANTS.—

2 “(1) AUTHORIZATION.—The Secretary may
3 award to a person who is otherwise eligible for a
4 grant under this section a multiyear grant to carry
5 out a project that the person demonstrates is an ef-
6 fective, long-term conservation strategy for great
7 apes and the habitat of great apes.

8 “(2) EFFECT OF SUBSECTION.—Nothing in this
9 subsection precludes the Secretary from awarding a
10 grant on an annual basis.”.

11 (3) ADMINISTRATIVE EXPENSES.—Section
12 5(b)(2) of the Great Ape Conservation Act of 2000
13 (16 U.S.C. 6304(b)(2)) is amended by striking
14 “\$100,000” and inserting “\$150,000”.

15 (4) AUTHORIZATION OF APPROPRIATIONS.—
16 Section 6 of the Great Ape Conservation Act of
17 2000 (16 U.S.C. 6305) is amended by striking
18 “2006 through 2010” and inserting “2018 through
19 2022”.

20 (c) AMENDMENTS TO THE MARINE TURTLE CON-
21 SERVATION ACT OF 2004.—

22 (1) PURPOSE.—Section 2(b) of the Marine Tur-
23 tle Conservation Act of 2004 (16 U.S.C. 6601(b)) is
24 amended by inserting “and territories of the United
25 States” after “foreign countries”.

1 (2) DEFINITIONS.—Section 3 of the Marine
2 Turtle Conservation Act of 2004 (16 U.S.C. 6602)
3 is amended—

4 (A) in paragraph (2), in the matter pre-
5 ceding subparagraph (A), by inserting “and ter-
6 ritories of the United States” after “foreign
7 countries”; and

8 (B) by adding at the end the following:

9 “(7) TERRITORY OF THE UNITED STATES.—

10 The term ‘territory of the United States’ means—

11 “(A) the Commonwealth of Puerto Rico;

12 “(B) Guam;

13 “(C) American Samoa;

14 “(D) the Commonwealth of the Northern
15 Mariana Islands;

16 “(E) the United States Virgin Islands; and

17 “(F) any other territory or possession of
18 the United States.”.

19 (3) MARINE TURTLE CONSERVATION ASSIST-
20 ANCE.—Section 4 of the Marine Turtle Conservation
21 Act of 2004 (16 U.S.C. 6603) is amended—

22 (A) in subsection (b)(1)(A), by inserting
23 “or a territory of the United States” after “for-
24 eign country”; and

1 (B) in subsection (d), by striking “foreign
2 countries” and inserting “a foreign country or
3 a territory of the United States”.

4 (4) ADMINISTRATIVE EXPENSES.—Section
5 5(b)(2) of the Marine Turtle Conservation Act of
6 2004 (16 U.S.C. 6604(b)(2)) is amended by striking
7 “\$80,000” and inserting “\$150,000”.

8 (5) AUTHORIZATION OF APPROPRIATIONS.—
9 Section 7 of the Marine Turtle Conservation Act of
10 2004 (16 U.S.C. 6606) is amended by striking
11 “each of fiscal years 2005 through 2009” and in-
12 serting “each of fiscal years 2018 through 2022”.

13 **TITLE IV—PRIZE COMPETITIONS**

14 **SEC. 4001. DEFINITIONS.**

15 In this title:

16 (1) NON-FEDERAL FUNDS.—The term “non-
17 Federal funds” means funds provided by—

18 (A) a State;

19 (B) a territory of the United States;

20 (C) 1 or more units of local or tribal gov-
21 ernment;

22 (D) a private for-profit entity;

23 (E) a nonprofit organization; or

24 (F) a private individual.

1 (2) SECRETARY.—The term “Secretary” means
2 the Secretary of the Interior, acting through the Di-
3 rector of the United States Fish and Wildlife Serv-
4 ice.

5 **SEC. 4002. THEODORE ROOSEVELT GENIUS PRIZE FOR THE**
6 **PREVENTION OF WILDLIFE POACHING AND**
7 **TRAFFICKING.**

8 (a) DEFINITIONS.—In this section:

9 (1) BOARD.—The term “Board” means the
10 Prevention of Wildlife Poaching and Trafficking
11 Technology Advisory Board established by sub-
12 section (c)(1).

13 (2) PRIZE COMPETITION.—The term “prize
14 competition” means the Theodore Roosevelt Genius
15 Prize for the prevention of wildlife poaching and
16 trafficking established under subsection (b).

17 (b) AUTHORITY.—Not later than 180 days after the
18 date of enactment of this Act, the Secretary shall establish
19 under section 24 of the Stevenson-Wydler Technology In-
20 novation Act of 1980 (15 U.S.C. 3719) a prize competi-
21 tion, to be known as the “Theodore Roosevelt Genius
22 Prize” for the prevention of wildlife poaching and traf-
23 ficking—

24 (1) to encourage technological innovation with
25 the potential to advance the mission of the United

1 States Fish and Wildlife Service with respect to the
2 prevention of wildlife poaching and trafficking; and

3 (2) to award 1 or more prizes annually for a
4 technological advancement that prevents wildlife
5 poaching and trafficking.

6 (c) ADVISORY BOARD.—

7 (1) ESTABLISHMENT.—There is established an
8 advisory board, to be known as the “Prevention of
9 Wildlife Poaching and Trafficking Technology Advi-
10 sory Board”.

11 (2) COMPOSITION.—The Board shall be com-
12 posed of not fewer than 9 members appointed by the
13 Secretary, who shall provide expertise in—

14 (A) wildlife trafficking and trade;

15 (B) wildlife conservation and management;

16 (C) biology;

17 (D) technology development;

18 (E) engineering;

19 (F) economics;

20 (G) business development and manage-
21 ment; and

22 (H) any other discipline, as the Secretary
23 determines to be necessary to achieve the pur-
24 poses of this section.

1 (3) DUTIES.—Subject to paragraph (4), with
2 respect to the prize competition, the Board shall—

3 (A) select a topic;

4 (B) issue a problem statement; and

5 (C) advise the Secretary on any oppor-
6 tunity for technological innovation to prevent
7 wildlife poaching and trafficking.

8 (4) CONSULTATION.—In selecting a topic and
9 issuing a problem statement for the prize competi-
10 tion under subparagraphs (A) and (B) of paragraph
11 (3), respectively, the Board shall consult widely with
12 Federal and non-Federal stakeholders, including—

13 (A) 1 or more Federal agencies with juris-
14 diction over the prevention of wildlife poaching
15 and trafficking;

16 (B) 1 or more State agencies with jurisdic-
17 tion over the prevention of wildlife poaching
18 and trafficking;

19 (C) 1 or more State, regional, or local
20 wildlife organizations, the mission of which re-
21 lates to the prevention of wildlife poaching and
22 trafficking; and

23 (D) 1 or more wildlife conservation groups,
24 technology companies, research institutions, in-
25 stitutions of higher education, industry associa-

1 tions, or individual stakeholders with an inter-
2 est in the prevention of wildlife poaching and
3 trafficking.

4 (5) REQUIREMENTS.—The Board shall comply
5 with all requirements under section 4006(a).

6 (d) AGREEMENT WITH THE NATIONAL FISH AND
7 WILDLIFE FOUNDATION.—

8 (1) IN GENERAL.—The Secretary shall offer to
9 enter into an agreement under which the National
10 Fish and Wildlife Foundation shall administer the
11 prize competition.

12 (2) REQUIREMENTS.—An agreement entered
13 into under paragraph (1) shall comply with all re-
14 quirements under section 4006(b).

15 (e) JUDGES.—

16 (1) APPOINTMENT.—The Secretary shall ap-
17 point not fewer than 3 judges who shall, except as
18 provided in paragraph (2), select the 1 or more an-
19 nual winners of the prize competition.

20 (2) DETERMINATION BY THE SECRETARY.—
21 The judges appointed under paragraph (1) shall not
22 select any annual winner of the prize competition if
23 the Secretary makes a determination that, in any
24 fiscal year, none of the technological advancements
25 entered into the prize competition merits an award.

1 (f) REPORT TO CONGRESS.—Not later than 60 days
2 after the date on which a cash prize is awarded under this
3 section, the Secretary shall submit to the Committee on
4 Environment and Public Works of the Senate and the
5 Committee on Natural Resources of the House of Rep-
6 resentatives a report on the prize competition that in-
7 cludes—

8 (1) a statement by the Board that describes the
9 activities carried out by the Board relating to the
10 duties described in subsection (e)(3);

11 (2) if the Secretary has entered into an agree-
12 ment under subsection (d)(1), a statement by the
13 National Fish and Wildlife Foundation that de-
14 scribes the activities carried out by the National
15 Fish and Wildlife Foundation relating to the duties
16 described in section 4006(b); and

17 (3) a statement by 1 or more of the judges ap-
18 pointed under subsection (e) that explains the basis
19 on which the winner of the cash prize was selected.

20 (g) TERMINATION OF AUTHORITY.—The Board and
21 all authority provided under this section shall terminate
22 on December 31, 2022.

23 **SEC. 4003. THEODORE ROOSEVELT GENIUS PRIZE FOR THE**
24 **PROMOTION OF WILDLIFE CONSERVATION.**

25 (a) DEFINITIONS.—In this section:

1 (1) BOARD.—The term “Board” means the
2 Promotion of Wildlife Conservation Technology Ad-
3 visory Board established by subsection (c)(1).

4 (2) PRIZE COMPETITION.—The term “prize
5 competition” means the Theodore Roosevelt Genius
6 Prize for the promotion of wildlife conservation es-
7 tablished under subsection (b).

8 (b) AUTHORITY.—Not later than 180 days after the
9 date of enactment of this Act, the Secretary shall establish
10 under section 24 of the Stevenson-Wydler Technology In-
11 novation Act of 1980 (15 U.S.C. 3719) a prize competi-
12 tion, to be known as the “Theodore Roosevelt Genius
13 Prize” for the promotion of wildlife conservation—

14 (1) to encourage technological innovation with
15 the potential to advance the mission of the United
16 States Fish and Wildlife Service with respect to the
17 promotion of wildlife conservation; and

18 (2) to award 1 or more prizes annually for a
19 technological advancement that promotes wildlife
20 conservation.

21 (c) ADVISORY BOARD.—

22 (1) ESTABLISHMENT.—There is established an
23 advisory board, to be known as the “Promotion of
24 Wildlife Conservation Technology Advisory Board”.

1 (2) COMPOSITION.—The Board shall be com-
2 posed of not fewer than 9 members appointed by the
3 Secretary, who shall provide expertise in—

4 (A) wildlife conservation and management;

5 (B) biology;

6 (C) technology development;

7 (D) engineering;

8 (E) economics;

9 (F) business development and manage-
10 ment; and

11 (G) any other discipline, as the Secretary
12 determines to be necessary to achieve the pur-
13 poses of this section.

14 (3) DUTIES.—Subject to paragraph (4), with
15 respect to the prize competition, the Board shall—

16 (A) select a topic;

17 (B) issue a problem statement; and

18 (C) advise the Secretary on any oppor-
19 tunity for technological innovation to promote
20 wildlife conservation.

21 (4) CONSULTATION.—In selecting a topic and
22 issuing a problem statement for the prize competi-
23 tion under subparagraphs (A) and (B) of paragraph
24 (3), respectively, the Board shall consult widely with
25 Federal and non-Federal stakeholders, including—

1 (A) 1 or more Federal agencies with juris-
2 diction over the promotion of wildlife conserva-
3 tion;

4 (B) 1 or more State agencies with jurisdic-
5 tion over the promotion of wildlife conservation;

6 (C) 1 or more State, regional, or local
7 wildlife organizations, the mission of which re-
8 lates to the promotion of wildlife conservation;
9 and

10 (D) 1 or more wildlife conservation groups,
11 technology companies, research institutions, in-
12 stitutions of higher education, industry associa-
13 tions, or individual stakeholders with an inter-
14 est in the promotion of wildlife conservation.

15 (5) REQUIREMENTS.—The Board shall comply
16 with all requirements under section 4006(a).

17 (d) AGREEMENT WITH THE NATIONAL FISH AND
18 WILDLIFE FOUNDATION.—

19 (1) IN GENERAL.—The Secretary shall offer to
20 enter into an agreement under which the National
21 Fish and Wildlife Foundation shall administer the
22 prize competition.

23 (2) REQUIREMENTS.—An agreement entered
24 into under paragraph (1) shall comply with all re-
25 quirements under section 4006(b).

1 (e) JUDGES.—

2 (1) APPOINTMENT.—The Secretary shall ap-
3 point not fewer than 3 judges who shall, except as
4 provided in paragraph (2), select the 1 or more an-
5 nual winners of the prize competition.

6 (2) DETERMINATION BY THE SECRETARY.—
7 The judges appointed under paragraph (1) shall not
8 select any annual winner of the prize competition if
9 the Secretary makes a determination that, in any
10 fiscal year, none of the technological advancements
11 entered into the prize competition merits an award.

12 (f) REPORT TO CONGRESS.—Not later than 60 days
13 after the date on which a cash prize is awarded under this
14 section, the Secretary shall submit to the Committee on
15 Environment and Public Works of the Senate and the
16 Committee on Natural Resources of the House of Rep-
17 resentatives a report on the prize competition that in-
18 cludes—

19 (1) a statement by the Board that describes the
20 activities carried out by the Board relating to the
21 duties described in subsection (c)(3);

22 (2) if the Secretary has entered into an agree-
23 ment under subsection (d)(1), a statement by the
24 National Fish and Wildlife Foundation that de-
25 scribes the activities carried out by the National

1 Fish and Wildlife Foundation relating to the duties
2 described in section 4006(b); and

3 (3) a statement by 1 or more of the judges ap-
4 pointed under subsection (e) that explains the basis
5 on which the winner of the cash prize was selected.

6 (g) TERMINATION OF AUTHORITY.—The Board and
7 all authority provided under this section shall terminate
8 on December 31, 2022.

9 **SEC. 4004. THEODORE ROOSEVELT GENIUS PRIZE FOR THE**
10 **MANAGEMENT OF INVASIVE SPECIES.**

11 (a) DEFINITIONS.—In this section:

12 (1) BOARD.—The term “Board” means the
13 Management of Invasive Species Technology Advi-
14 sory Board established by subsection (c)(1).

15 (2) PRIZE COMPETITION.—The term “prize
16 competition” means the Theodore Roosevelt Genius
17 Prize for the management of invasive species estab-
18 lished under subsection (b).

19 (b) AUTHORITY.—Not later than 180 days after the
20 date of enactment of this Act, the Secretary shall establish
21 under section 24 of the Stevenson-Wydler Technology In-
22 novation Act of 1980 (15 U.S.C. 3719) a prize competi-
23 tion, to be known as the “Theodore Roosevelt Genius
24 Prize” for the management of invasive species—

1 (1) to encourage technological innovation with
2 the potential to advance the mission of the United
3 States Fish and Wildlife Service with respect to the
4 management of invasive species; and

5 (2) to award 1 or more prizes annually for a
6 technological advancement that manages invasive
7 species.

8 (c) ADVISORY BOARD.—

9 (1) ESTABLISHMENT.—There is established an
10 advisory board, to be known as the “Management of
11 Invasive Species Technology Advisory Board”.

12 (2) COMPOSITION.—The Board shall be com-
13 posed of not fewer than 9 members appointed by the
14 Secretary, who shall provide expertise in—

15 (A) invasive species;

16 (B) biology;

17 (C) technology development;

18 (D) engineering;

19 (E) economics;

20 (F) business development and manage-
21 ment; and

22 (G) any other discipline, as the Secretary
23 determines to be necessary to achieve the pur-
24 poses of this section.

1 (3) DUTIES.—Subject to paragraph (4), with
2 respect to the prize competition, the Board shall—

3 (A) select a topic;

4 (B) issue a problem statement; and

5 (C) advise the Secretary on any oppor-
6 tunity for technological innovation to manage
7 invasive species.

8 (4) CONSULTATION.—In selecting a topic and
9 issuing a problem statement for the prize competi-
10 tion under subparagraphs (A) and (B) of paragraph
11 (3), respectively, the Board shall consult widely with
12 Federal and non-Federal stakeholders, including—

13 (A) 1 or more Federal agencies with juris-
14 diction over the management of invasive spe-
15 cies;

16 (B) 1 or more State agencies with jurisdic-
17 tion over the management of invasive species;

18 (C) 1 or more State, regional, or local
19 wildlife organizations, the mission of which re-
20 lates to the management of invasive species;
21 and

22 (D) 1 or more wildlife conservation groups,
23 technology companies, research institutions, in-
24 stitutions of higher education, industry associa-

1 tions, or individual stakeholders with an inter-
2 est in the management of invasive species.

3 (5) REQUIREMENTS.—The Board shall comply
4 with all requirements under section 4006(a).

5 (d) AGREEMENT WITH THE NATIONAL FISH AND
6 WILDLIFE FOUNDATION.—

7 (1) IN GENERAL.—The Secretary shall offer to
8 enter into an agreement under which the National
9 Fish and Wildlife Foundation shall administer the
10 prize competition.

11 (2) REQUIREMENTS.—An agreement entered
12 into under paragraph (1) shall comply with all re-
13 quirements under section 4006(b).

14 (e) JUDGES.—

15 (1) APPOINTMENT.—The Secretary shall ap-
16 point not fewer than 3 judges who shall, except as
17 provided in paragraph (2), select the 1 or more an-
18 nual winners of the prize competition.

19 (2) DETERMINATION BY THE SECRETARY.—
20 The judges appointed under paragraph (1) shall not
21 select any annual winner of the prize competition if
22 the Secretary makes a determination that, in any
23 fiscal year, none of the technological advancements
24 entered into the prize competition merits an award.

1 (f) REPORT TO CONGRESS.—Not later than 60 days
2 after the date on which a cash prize is awarded under this
3 section, the Secretary shall submit to the Committee on
4 Environment and Public Works of the Senate and the
5 Committee on Natural Resources of the House of Rep-
6 resentatives a report on the prize competition that in-
7 cludes—

8 (1) a statement by the Board that describes the
9 activities carried out by the Board relating to the
10 duties described in subsection (e)(3);

11 (2) if the Secretary has entered into an agree-
12 ment under subsection (d)(1), a statement by the
13 National Fish and Wildlife Foundation that de-
14 scribes the activities carried out by the National
15 Fish and Wildlife Foundation relating to the duties
16 described in section 4006(b); and

17 (3) a statement by 1 or more of the judges ap-
18 pointed under subsection (e) that explains the basis
19 on which the winner of the cash prize was selected.

20 (g) TERMINATION OF AUTHORITY.—The Board and
21 all authority provided under this section shall terminate
22 on December 31, 2022.

23 **SEC. 4005. THEODORE ROOSEVELT GENIUS PRIZE FOR THE**
24 **PROTECTION OF ENDANGERED SPECIES.**

25 (a) DEFINITIONS.—In this section:

1 (1) BOARD.—The term “Board” means the
2 Protection of Endangered Species Technology Advi-
3 sory Board established by subsection (c)(1).

4 (2) PRIZE COMPETITION.—The term “prize
5 competition” means the Theodore Roosevelt Genius
6 Prize for the protection of endangered species estab-
7 lished under subsection (b).

8 (b) AUTHORITY.—Not later than 180 days after the
9 date of enactment of this Act, the Secretary shall establish
10 under section 24 of the Stevenson-Wydler Technology In-
11 novation Act of 1980 (15 U.S.C. 3719) a prize competi-
12 tion, to be known as the “Theodore Roosevelt Genius
13 Prize” for the protection of endangered species—

14 (1) to encourage technological innovation with
15 the potential to advance the mission of the United
16 States Fish and Wildlife Service with respect to the
17 protection of endangered species; and

18 (2) to award 1 or more prizes annually for a
19 technological advancement that protects endangered
20 species.

21 (c) ADVISORY BOARD.—

22 (1) ESTABLISHMENT.—There is established an
23 advisory board, to be known as the “Protection of
24 Endangered Species Technology Advisory Board”.

1 (2) COMPOSITION.—The Board shall be com-
2 posed of not fewer than 9 members appointed by the
3 Secretary, who shall provide expertise in—

4 (A) endangered species;

5 (B) biology;

6 (C) technology development;

7 (D) engineering;

8 (E) economics;

9 (F) business development and manage-
10 ment; and

11 (G) any other discipline, as the Secretary
12 determines to be necessary to achieve the pur-
13 poses of this section.

14 (3) DUTIES.—Subject to paragraph (4), with
15 respect to the prize competition, the Board shall—

16 (A) select a topic;

17 (B) issue a problem statement; and

18 (C) advise the Secretary on any oppor-
19 tunity for technological innovation to protect
20 endangered species.

21 (4) CONSULTATION.—In selecting a topic and
22 issuing a problem statement for the prize competi-
23 tion under subparagraphs (A) and (B) of paragraph
24 (3), respectively, the Board shall consult widely with
25 Federal and non-Federal stakeholders, including—

1 (A) 1 or more Federal agencies with juris-
2 diction over the protection of endangered spe-
3 cies;

4 (B) 1 or more State agencies with jurisdic-
5 tion over the protection of endangered species;

6 (C) 1 or more State, regional, or local
7 wildlife organizations, the mission of which re-
8 lates to the protection of endangered species;
9 and

10 (D) 1 or more wildlife conservation groups,
11 technology companies, research institutions, in-
12 stitutions of higher education, industry associa-
13 tions, or individual stakeholders with an inter-
14 est in the protection of endangered species.

15 (5) REQUIREMENTS.—The Board shall comply
16 with all requirements under section 4006(a).

17 (d) AGREEMENT WITH THE NATIONAL FISH AND
18 WILDLIFE FOUNDATION.—

19 (1) IN GENERAL.—The Secretary shall offer to
20 enter into an agreement under which the National
21 Fish and Wildlife Foundation shall administer the
22 prize competition.

23 (2) REQUIREMENTS.—An agreement entered
24 into under paragraph (1) shall comply with all re-
25 quirements under section 4006(b).

1 (e) JUDGES.—

2 (1) APPOINTMENT.—The Secretary shall ap-
3 point not fewer than 3 judges who shall, except as
4 provided in paragraph (2), select the 1 or more an-
5 nual winners of the prize competition.

6 (2) DETERMINATION BY THE SECRETARY.—

7 The judges appointed under paragraph (1) shall not
8 select any annual winner of the prize competition if
9 the Secretary makes a determination that, in any
10 fiscal year, none of the technological advancements
11 entered into the prize competition merits an award.

12 (f) REPORT TO CONGRESS.—Not later than 60 days
13 after the date on which a cash prize is awarded under this
14 section, the Secretary shall submit to the Committee on
15 Environment and Public Works of the Senate and the
16 Committee on Natural Resources of the House of Rep-
17 resentatives a report on the prize competition that in-
18 cludes—

19 (1) a statement by the Board that describes the
20 activities carried out by the Board relating to the
21 duties described in subsection (c)(3);

22 (2) if the Secretary has entered into an agree-
23 ment under subsection (d)(1), a statement by the
24 National Fish and Wildlife Foundation that de-
25 scribes the activities carried out by the National

1 Fish and Wildlife Foundation relating to the duties
2 described in section 4006(b); and

3 (3) a statement by 1 or more of the judges ap-
4 pointed under subsection (e) that explains the basis
5 on which the winner of the cash prize was selected.

6 (g) TERMINATION OF AUTHORITY.—The Board and
7 all authority provided under this section shall terminate
8 on December 31, 2022.

9 **SEC. 4006. ADMINISTRATION OF PRIZE COMPETITIONS.**

10 (a) ADDITIONAL REQUIREMENTS FOR ADVISORY
11 BOARDS.—An advisory board established under section
12 4002(c)(1), 4003(c)(1), 4004(c)(1), or 4005(c)(1) (re-
13 ferred to in this section as a “Board”) shall comply with
14 the following requirements:

15 (1) TERM; VACANCIES.—

16 (A) TERM.—A member of the Board shall
17 serve for a term of 5 years.

18 (B) VACANCIES.—A vacancy on the
19 Board—

20 (i) shall not affect the powers of the
21 Board; and

22 (ii) shall be filled in the same manner
23 as the original appointment was made.

24 (2) INITIAL MEETING.—Not later than 30 days
25 after the date on which all members of the Board

1 have been appointed, the Board shall hold the initial
2 meeting of the Board.

3 (3) MEETINGS.—

4 (A) IN GENERAL.—The Board shall meet
5 at the call of the Chairperson.

6 (B) REMOTE PARTICIPATION.—

7 (i) IN GENERAL.—Any member of the
8 Board may participate in a meeting of the
9 Board through the use of—

10 (I) teleconferencing; or

11 (II) any other remote business
12 telecommunications method that al-
13 lows each participating member to si-
14 multaneously hear each other partici-
15 pating member during the meeting.

16 (ii) PRESENCE.—A member of the
17 Board who participates in a meeting re-
18 motely under clause (i) shall be considered
19 to be present at the meeting.

20 (4) QUORUM.—A majority of the members of
21 the Board shall constitute a quorum, but a lesser
22 number of members may hold a meeting.

23 (5) CHAIRPERSON AND VICE CHAIRPERSON.—

24 The Board shall select a Chairperson and Vice
25 Chairperson from among the members of the Board.

1 (6) ADMINISTRATIVE COST REDUCTION.—The
2 Board shall, to the maximum extent practicable,
3 minimize the administrative costs of the Board, in-
4 cluding by encouraging the remote participation de-
5 scribed in paragraph (3)(B)(i) to reduce travel costs.

6 (b) AGREEMENTS WITH THE NATIONAL FISH AND
7 WILDLIFE FOUNDATION.—Any agreement entered into
8 under section 4002(d)(1), 4003(d)(1), 4004(d)(1), or
9 4005(d)(1) shall comply with the following requirements:

10 (1) CONTENTS.—An agreement shall provide
11 the following:

12 (A) DUTIES.—The National Fish and
13 Wildlife Foundation shall—

14 (i) advertise the prize competition;

15 (ii) solicit prize competition partici-
16 pants;

17 (iii) administer funds relating to the
18 prize competition;

19 (iv) receive Federal funds—

20 (I) to administer the prize com-
21 petition; and

22 (II) to award a cash prize;

23 (v) carry out activities to generate
24 contributions of non-Federal funds to off-
25 set, in whole or in part—

1 (I) the administrative costs of the
2 prize competition; and

3 (II) the costs of a cash prize;

4 (vi) in consultation with, and subject
5 to final approval by, the Secretary, develop
6 criteria for the selection of prize competi-
7 tion winners;

8 (vii) provide advice and consultation
9 to the Secretary on the selection of judges
10 under sections 4002(e), 4003(e), 4004(e),
11 and 4005(e) based on criteria developed in
12 consultation with, and subject to the final
13 approval of, the Secretary;

14 (viii) announce 1 or more annual win-
15 ners of the prize competition;

16 (ix) subject to subparagraph (B),
17 award 1 cash prize annually; and

18 (x) protect against unauthorized use
19 or disclosure by the National Fish and
20 Wildlife Foundation of any trade secret or
21 confidential business information of a prize
22 competition participant.

23 (B) ADDITIONAL CASH PRIZES.—The Na-
24 tional Fish and Wildlife Foundation may award
25 more than 1 cash prize annually if the initial

1 cash prize referred to in subparagraph (A)(ix)
2 and any additional cash prize are awarded
3 using only non-Federal funds.

4 (C) SOLICITATION OF FUNDS.—The Na-
5 tional Fish and Wildlife Foundation—

6 (i) may request and accept Federal
7 funds and non-Federal funds for a cash
8 prize;

9 (ii) may accept a contribution for a
10 cash prize in exchange for the right to
11 name the prize; and

12 (iii) shall not give special consider-
13 ation to any Federal agency or non-Fed-
14 eral entity in exchange for a donation for
15 a cash prize awarded under this section.

16 (c) AWARD AMOUNTS.—

17 (1) IN GENERAL.—The amount of the initial
18 cash prize referred to in subsection (b)(1)(A)(ix)
19 shall be \$100,000.

20 (2) ADDITIONAL CASH PRIZES.—On notification
21 by the National Fish and Wildlife Foundation that
22 non-Federal funds are available for an additional
23 cash prize, the Secretary shall determine the amount
24 of the additional cash prize.