

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

April 4, 2017

Mr. Barrasso (for himself, Mr. Carper, Mr. Inhofe, Mr. Booker, Mr. Boozman, and Mr. Whitehouse) introduced the following bill; which was read twice and referred to the Committee on Environment and Public Works

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,

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 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 conservation.
- 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.
- 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,

control, or management of the invasive species.

1	"(6) Prevent.—The term 'prevent', with re-
2	spect to an invasive species, means—
3	"(A) to hinder the introduction of the
4	invasive species onto land or water; or
5	"(B) to impede the spread of the invasive
6	species within land or water by inspecting
7	intercepting, or confiscating invasive species
8	threats prior to the establishment of the
9	invasive species onto land or water of an eligible
10	State.
11	"(7) Secretary concerned.—The term 'Sec-
12	retary concerned' means—
13	"(A) the Secretary of the Army, acting
14	through the Chief of Engineers, with respect to
15	Federal land administered by the Corps of En-
16	gineers;
17	"(B) the Secretary of the Interior, with re-
18	spect to Federal land administered by the Sec-
19	retary of the Interior through—
20	"(i) the United States Fish and Wild-
21	life Service;
22	"(ii) the Bureau of Indian Affairs;
23	"(iii) the Bureau of Land Manage-
24	ment;
25	"(iv) the Bureau of Reclamation; or

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

- States in which an ecosystem affected by an invasive species is located.
- "(3) Factors for consideration.—In developing a strategic plan under this subsection, the
 Secretary concerned shall take into consideration the
 economic and ecological costs of action or inaction,
 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
- species, as determined by the Secretary concerned,
- based on sound scientific data; and
- 17 "(2) control and manage invasive species in the
- 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 activi-
6	TIES.—A project or activity referred to in paragraph
7	(1) is a project or activity—
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—

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;

- "(5) the use of monitoring and detection activi-1 2 ties for invasive species, including equipment, detec-3 tion dogs, and mechanical devices;
- "(6) the use of appropriate methods to remove 5 invasive species from a vehicle or vessel capable of 6 conveyance; or
- "(7) the use of other effective mechanical or 7 8 manual control methods.
- 9 "(h) Investigations, Outreach, and Public AWARENESS.—Of the amount appropriated or otherwise 10 made available to each Secretary concerned for a fiscal year for programs that address or include protection of land or water from an invasive species, the Secretary concerned may use not more than 15 percent for investiga-14
- tions, development activities, and outreach and public awareness efforts to address invasive species control and 16 17 management needs.
- 18 "(i) Administrative Costs.—Of the amount appro-
- priated or otherwise made available to each Secretary con-19
- 20 cerned for a fiscal year for programs that address or in-
- 21 clude protection of land or water from an invasive species,
- not more than 10 percent may be used for administrative
- 23 costs incurred to carry out those programs, including costs
- 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
- management; and
- 11 "(2) specifying the percentage of funds ex-
- pended for each of the purposes specified in sub-
- sections (g), (h), and (i).
- 14 "(k) Relation to Other Authority.—
- 15 "(1) Other invasive species control, pre-
- VENTION, AND MANAGEMENT AUTHORITIES.—Noth-
- ing in this section precludes the Secretary concerned
- 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-
- vention, or management of the invasive species.
- 23 "(2) Public water supply systems.—Noth-
- ing in this section authorizes the Secretary con-
- 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	"(l) 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(c)(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	$(16~\mathrm{U.S.C.}~6304(\mathrm{b})(2))$ 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	(e) 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

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
13 14	TITLE IV—PRIZE COMPETITIONS SEC. 4001. DEFINITIONS.
14	SEC. 4001. DEFINITIONS.
14 15	SEC. 4001. DEFINITIONS. In this title:
14 15 16	SEC. 4001. DEFINITIONS. In this title: (1) Non-federal funds.—The term "non-
14 15 16 17	SEC. 4001. DEFINITIONS. In this title: (1) Non-federal funds.—The term "non-federal funds" means funds provided by—
14 15 16 17 18	SEC. 4001. DEFINITIONS. In this title: (1) Non-federal funds.—The term "non-federal funds" means funds provided by— (A) a State;
14 15 16 17 18	SEC. 4001. DEFINITIONS. In this title: (1) Non-federal funds.—The term "non-federal funds" means funds provided by— (A) a State; (B) a territory of the United States;
14 15 16 17 18 19 20	SEC. 4001. DEFINITIONS. In this title: (1) NON-FEDERAL FUNDS.—The term "non-Federal funds" means funds provided by— (A) a State; (B) a territory of the United States; (C) 1 or more units of local or tribal gov-
14 15 16 17 18 19 20 21	SEC. 4001. DEFINITIONS. In this title: (1) Non-federal funds.—The term "non-federal funds" means funds provided by— (A) a State; (B) a territory of the United States; (C) 1 or more units of local or tribal government;

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 notential 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

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 (c)(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).

(e) Judges.—

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- 2 (1) APPOINTMENT.—The Secretary shall appoint not fewer than 3 judges who shall, except as 4 provided in paragraph (2), select the 1 or more annual 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.
- entered into the prize competition merits an award.

 (f) Report to Congress.—Not later than 60 days
 after the date on which a cash prize is awarded under this
 section, the Secretary shall submit to the Committee on
 Environment and Public Works of the Senate and the
 Committee on Natural Resources of the House of Representatives a report on the prize competition that in-
 - (1) a statement by the Board that describes the activities carried out by the Board relating to the duties described in subsection (c)(3);
 - (2) if the Secretary has entered into an agreement under subsection (d)(1), a statement by the National Fish and Wildlife Foundation that describes the activities carried out by the National

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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 or
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 (c)(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 appoint not fewer than 3 judges who shall, except as 4 provided in paragraph (2), select the 1 or more annual 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.
- entered into the prize competition merits an award.

 (f) Report to Congress.—Not later than 60 days
 after the date on which a cash prize is awarded under this
 section, the Secretary shall submit to the Committee on
 Environment and Public Works of the Senate and the
 Committee on Natural Resources of the House of Representatives a report on the prize competition that in-
 - (1) a statement by the Board that describes the activities carried out by the Board relating to the duties described in subsection (c)(3);
 - (2) if the Secretary has entered into an agreement under subsection (d)(1), a statement by the National Fish and Wildlife Foundation that describes the activities carried out by the National

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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.