

**MEMORANDUM OF UNDERSTANDING**  
among the  
**BUREAU OF INDIAN AFFAIRS**  
and the  
**BUREAU OF LAND MANAGEMENT**  
and the  
**FEDERAL HIGHWAY ADMINISTRATION**  
and the  
**NATIONAL PARK SERVICE**  
and the  
**SMITHSONIAN INSTITUTION**  
and the  
**U.S. BOTANIC GARDEN**  
and the  
**USDA AGRICULTURAL RESEARCH SERVICE**  
and the  
**USDA FOREST SERVICE**  
and the  
**USDA NATIONAL INSTITUTE OF FOOD AND AGRICULTURE**  
and the  
**USDA NATURAL RESOURCES CONSERVATION SERVICE**  
and the  
**U.S. FISH AND WILDLIFE SERVICE**  
and the  
**U.S. GEOLOGICAL SURVEY**  
**ESTABLISHING THE**  
**FEDERAL NATIVE PLANT CONSERVATION COMMITTEE**  
**OF THE PLANT CONSERVATION ALLIANCE**

This Memorandum of Understanding (MOU) is made and entered into by and between the Bureau of Indian Affairs, Bureau of Land Management, Federal Highway Administration, National Park Service, Smithsonian Institution, United States Botanic Garden, United States Department of Agriculture (USDA) Agricultural Research Service, USDA Forest Service, USDA National Institute of Food and Agriculture, USDA Natural Resources Conservation Service, U.S. Fish and Wildlife Service, and U.S. Geological Survey, hereinafter referred to as the Committee.

## **I. PURPOSE**

The purpose of this MOU is to continue the work of a Federal Native Plant Conservation Committee, through the Plant Conservation Alliance. The Committee will identify and recommend, as appropriate, priority conservation needs for native plants and their habitats and coordinate implementation of programs for addressing those needs. A native plant species is one that occurs naturally in a particular habitat, ecosystem, or region of the United States and its Territories or Possessions, without direct or indirect human actions. Recognizing that native plant species are of aesthetic, ecological, educational, historical, recreational, and scientific value to the Nation and its people, the Committee's priorities will be driven by the following vision: For the enduring benefit of the Nation, its ecosystems, and its people; to conserve and protect our native plant heritage by ensuring that, to the greatest extent feasible, native plant species and communities are maintained, enhanced, restored, or established on public lands, and that such activities are promoted on private lands.

## **II. STATEMENT OF MUTUAL BENEFITS AND INTERESTS**

Native plants are a key component of national and global biodiversity conservation efforts and they support multiple uses of public lands. Native plants and their communities support ecosystem functions vital to a healthy, productive, and beautiful environment. Native plants also provide innumerable direct and indirect benefits to the Nation's wildlife, its people, and its economy.

The native flora of the United States includes about 17,800 species of flowering plants, or about 5 percent of the world's total, the world's oldest and largest conifers, and a wealth of other vascular and non-vascular plants. All these groups face challenges in the form of habitat loss and alteration including climate change, competition and predation by invasive species, and in some cases over-exploitation for human use.

Opportunities exist for native plant preservation and conservation at Federal, State, Tribal, and local government levels, among public and private land managers, conservation organizations, and the interests of individual citizens. Protection and conservation of areas of highly diverse or rare native plants is key to conserving the Nation's biodiversity and may convey additional benefits to species of both plants and animals that otherwise could become imperiled.

Numerous opportunities exist to employ native plants in a variety of federally implemented, funded, authorized, or permitted activities. For example, native plants can be used to revegetate road and other construction sites, or to assist the stabilization and recovery of wildfire burn sites. Native plants are an essential element of habitat restoration efforts at scales ranging from isolated wetlands to large regional efforts such as the *BayScapes* program which encompasses the entire 64,000 square mile Chesapeake Bay watershed.

Plants represent over half of all species federally listed as endangered and threatened species in the United States. As of August 2013, 1,481 native plant and animal species were federally

listed as endangered or threatened in the United States. Of these, 628 were animals, and 853, or 57.6 percent, were plants. Federal lands provide habitat for more than 200 listed plant species and one-fourth of the known occurrences of listed plants. Careful management of these lands can help maintain our Nation's plant heritage. Federal agencies also have the expertise to assist non-Federal land managers in plant conservation and protection efforts. Innovative partnerships are needed among public and private sectors, nationally and internationally, to conserve native plants and their habitats before they become critically endangered.

### **III. AUTHORITIES**

The following statutes provide authority for this Memorandum of Understanding:

1. Bureau of Land Management: Section 307(b) of the Federal Land Policy and Management Act of 1976, as amended, 43 U.S.C. 1737(b) (2011).
2. U.S. Geological Survey: 43 U.S.C. 36c (page 3, Section III).
3. National Park Service: National Park Service Organic Act of 1916, 16 U.S.C. § 1, as amended and supplemented, Fish and Wildlife Coordination Act, 16 U.S.C. § 661
4. Bureau of Indian Affairs: 25 U.S.C. § 2; Snyder Act of 1921, as amended, 25 U.S.C. § 13.
5. USDA Forest Service: Multiple Use-Sustained Yield Act of 1960, 16 U.S.C. 528-531.
6. USDA Natural Resources Conservation Service: Soil Conservation and Domestic Allotment Act of 1935, as amended, 16 U.S.C. 590a-q) (2012).
7. U.S. Fish and Wildlife Service: Endangered Species Act of 1973, as amended, 16 U.S.C. 1531-1544 (2012); Fish and Wildlife Conservation Act of 1980, 16 U.S.C. 2901-2912 (2012); Fish and Wildlife Act of 1956, 16 U.S.C. 742f (2012); Fish and Wildlife Coordination Act, 16 U.S.C. 661-666 (2012).
8. Federal Highway Administration: 23 U.S.C. 329 (2011); 23 U.S.C. 319(b) (2011); 23 USC 138; 49 USC 303 (a) and (d).
9. Smithsonian Institution: 20 U.S.C. §41 et. seq.

#### **IV. COMMITTEE MEMBERSHIP, STRUCTURE, AND OPERATIONS**

The Committee members mutually agree that:

1. Membership on the Committee is open at any time to any Federal agency interested in taking an active role in a native plant conservation program. Membership becomes official at such time as the Memorandum of Understanding is signed by the head of the Federal agency or a designee thereof.
2. A member agency may designate one official (with one alternate) to serve as its representative to the Committee, who will attend scheduled meetings at his or her agency's expense. Each member agency will inform the Committee, in writing, of the name and position of its representative and alternate, or of any changes in same.
3. The Committee shall establish its own working rules, including a procedure for designating the Chair. The position of Committee Chair shall rotate every 2 years to a different member agency.
4. The Committee shall meet a minimum of once per year. Additional meetings may be scheduled as agreed to by the Committee, and may include meetings at field locations.

#### **V. PRINCIPAL CONTACTS**

Individuals listed in Attachment 1 are authorized to act as principal contacts for matters related to this Memorandum of Understanding.

#### **VI. COMMITTEE RESPONSIBILITIES**

The Committee members mutually agree that the Committee will:

1. Develop and serve as a forum for coordination and implementation of a national native plant conservation program, consisting of public education and outreach, research, conservation and restoration actions, native plant materials development coordination including native seed collection, database coordination and information exchange, and international programs. The Committee shall continue to further its goals and objectives for a national native plant conservation program.
2. Encourage Committee members to take appropriate action within the limits of their respective authorities, policies, and budgets.
3. Encourage Committee members to coordinate program implementation with State natural resource agencies and natural heritage programs where appropriate, and promote cooperative efforts with States, Tribal land managers, and local, national, and

international conservation organizations through existing agreements or through establishment of new agreements.

4. Evaluate implementation of this MOU on a regular basis to determine how effectively the purposes of the MOU are being met.

## **VII. WORKING GROUPS**

1. Working Groups may be formed or disbanded as needed, at the discretion of the Committee, consistent with the applicable requirements of the Federal Advisory Committee Act.
2. Working Groups will be formed to determine needs for public education/outreach, research, conservation and restoration actions, native plant materials development including native seed collection, databases/information exchange, international programs, and to address other issues as agreed to by the Committee.
3. Working Groups will report regularly to the Committee on their deliberations including planning, coordination, facilitation, and implementation of actions recommended or developed by the Working Groups or by the Committee.
4. Working Groups representing geographic regions will be established to identify regional management needs for native plants and activities of Federal, State, and private interests within the regions. The geographic regions will be determined by the Committee.

## **VIII. COOPERATORS**

1. Any Federal agency not desiring formal representation on the Committee, and any State agency, Tribal agency, or Tribal consortium program, private organization or individual, or foreign government agency interested in native plant conservation, may become a Cooperator upon acceptance of a written request to the Committee Chair. Cooperators may attend meetings of the Committee as observers, participate in informal open forums with the Committee, and participate in Working Groups. Cooperator agencies and organizations may designate one individual as a contact person, informing the Committee Chair in writing of the selection and of any changes in same.
2. As of July 2013, 291 governmental and nongovernmental organizations have Cooperator status. The complete list is available as Attachment 2.

**IX. IT IS MUTUALLY AGREED AND UNDERSTOOD BY AND BETWEEN THE SIGNATORIES TO THIS MEMORANDUM OF UNDERSTANDING AND COOPERATORS THAT:**

1. Nothing in this MOU shall cause any agency which is a party to the MOU to take any action which conflicts with any existing authority, responsibility, or obligation, established under Federal law or regulation.
2. This MOU in no way restricts participants from involvement in similar activities with other public and private agencies, organizations, and individuals.
3. Nothing in this MOU shall be construed as obligating Committee members or Cooperators to expend funds or to provide resources or be involved in any obligation for future payment of money or provision of resources.
4. Modifications within the scope of this MOU shall be made by formal consent of the parties, by the issuance of a written modification, signed and dated by the parties, prior to any changes becoming effective.
5. Any Committee member may terminate or withdraw membership in whole or in part at any time before the date of expiration, by providing 30-day written notice to the Committee Chair.
6. This MOU is neither a fiscal nor a funds-obligation document. Any endeavor involving reimbursement or contribution of funds between the parties to this instrument will be handled in accordance with applicable laws, regulations, and procedures including those for Government procurement and printing. Such endeavors will be outlined in separate agreements that shall be made in writing by representatives of the parties and shall be independently authorized by appropriate statutory authority. This instrument does not provide such authority. Specifically, this instrument does not establish authority for noncompetitive award to any Cooperator of any contract or other agreement. Any contract or agreement for training or other services must fully comply with all applicable requirements for competition.
7. This instrument expires no later than 5 years upon the date of the second agency signature, at which time it is subject to renewal through execution of a new MOU by the Committee.

**X. GENERAL REQUIREMENTS**

1. The program or activities conducted under this MOU will be in compliance with the nondiscrimination provisions contained in Titles VI and VII of the Civil Rights Act of 1964, as amended; the Civil Rights Restoration Act of 1987 (P.L. 100-259); and other nondiscrimination statutes: namely, Section 504 of the Rehabilitation Act of 1973,

Title IX of the Education Amendments of 1972, and the Age Discrimination Act of 1975.

2. No member of, or Delegate to, Congress shall be admitted to any share or part of this instrument, or any benefits that may arise therefrom.
3. FREEDOM OF INFORMATION ACT (FOIA). Public access to MOU or agreement records must not be limited, except when such records must be kept confidential and would have been exempted from disclosure pursuant to FOIA regulations (5 U.S.C. 552).
4. TEXT MESSAGING WHILE DRIVING. In accordance with Executive Order (EO) 13513, "Federal Leadership on Reducing Text Messaging While Driving," any and all text messaging by Federal employees is banned: a) while driving a Government owned vehicle (GOV) or driving a privately owned vehicle (POV) while on official Government business; or b) using any electronic equipment supplied by the Government when driving any vehicle at any time. All cooperators, their employees, volunteers, and contractors are encouraged to adopt and enforce policies that ban text messaging when driving company owned, leased or rented vehicles, POVs or GOVs when driving while on official Government business or when performing any work for or on behalf of the Government.
5. PUBLIC NOTICES. It is the U.S. Forest Service's policy to inform the public as fully as possible of its programs and activities. The Federal Native Plant Conservation Committee is encouraged to give public notice of the receipt of this agreement and, from time to time, to announce progress and accomplishments. Press releases or other public notices should include a statement substantially as follows:  
  
"National Forest Systems of the U.S. Forest Service, Department of Agriculture, botany/celebrating wildflowers program." Federal Native Plant Conservation Committee members may call on the U.S. Forest Service's Office of Communication for advice regarding public notices. Federal Native Plant Conservation Committee is requested to provide copies of notices or announcements to the U.S. Forest Service Program Manager and to the U.S. Forest Service's Office of Communications as far in advance of release as possible.
6. ACKNOWLEDGEMENTS IN PUBLICATIONS, AUDIOVISUALS, AND ELECTRONIC MEDIA. The Federal Native Plant Conservation Committee shall acknowledge, by name, any Federal member agency support in any publications, audiovisuals, and electronic media developed as a result of this MOU.

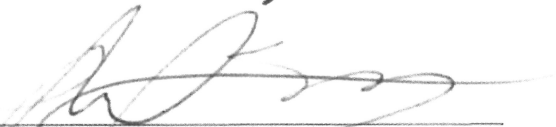
## **XI. EFFECTIVE DATE**

IN WITNESS WHEREOF, the parties hereto have entered into this MOU establishing the Federal Native Plant Conservation Committee of the Plant Conservation Alliance, originally signed May 25, 1994, as evidenced by their signatures below. The terms of this MOU are in effect as long as at least two Federal agencies are Committee members. The MOU is effective

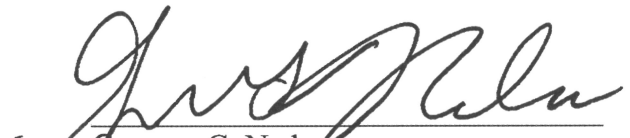
upon the date of the second agency signature and will remain in effect until 5 years upon the date of the second agency signature, or until such time as it is modified or terminated.

  
\_\_\_\_\_  
Neil Kornze, Director  
Bureau of Land Management

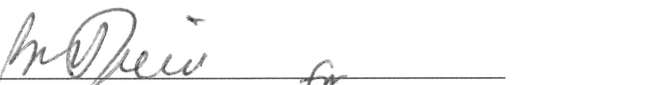
6/30/14  
Date

  
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Michael S. Black, Director  
Bureau of Indian Affairs

3/14/14  
Date

  
\_\_\_\_\_  
Gregory G. Nadeau  
Deputy Administrator  
Federal Highway Administration

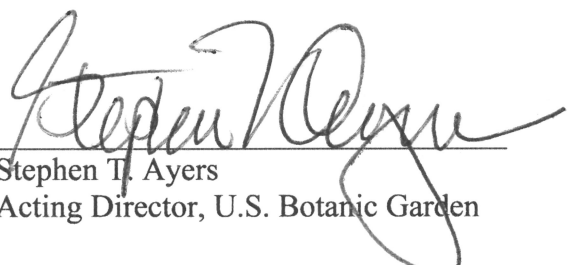
5/14/14  
Date

  
\_\_\_\_\_  
Raymond M. Sauvajot, Acting Associate Director  
National Park Service

6/30/14  
Date

  
\_\_\_\_\_  
W. John Kress  
Interim Under Secretary for Science  
Smithsonian Institution

24 June 2014  
Date

  
\_\_\_\_\_  
Stephen T. Ayers  
Acting Director, U.S. Botanic Garden

6/30/14  
Date



Steven R Shafer  
Steven R Shafer, Associate Administrator  
USDA Agricultural Research Service

6.30.14  
Date

Thomas L. Tidwell  
for Thomas L. Tidwell, Chief  
USDA Forest Service

6-30-14  
Date

Sonny Ramaswamy  
Dr. Sonny Ramaswamy  
USDA National Institute of Food and Agriculture

June 30, 2014  
Date

Jason A. Weller  
Jason A. Weller, Chief  
USDA Natural Resources Conservation Service

6/30/14  
Date

Dan Ashe  
Dan Ashe  
Director, U.S. Fish and Wildlife Service

6.30.14  
Date

Suzette M Kimball  
Suzette Kimball, Acting Director  
U.S. Geological Survey

6/30/14  
Date

For the:  
**Federal Native Plant Conservation Memorandum of Understanding**

## ATTACHMENT 1: PLANT CONSERVATION ALLIANCE – PRINCIPAL COMMITTEE CONTACTS

**Principal Committee Contacts:**

<p align="center"><b>BIA Committee Program Contact</b></p> <p>Name: Peter Wakeland  Title: Chief, Division of Forestry and Wildland Fire Management  Address: 1849 C St. NW, MIB  City, State, Zip: Washington, DC 20240  Telephone: 202-513-0337  FAX: 202-219-1255  Email: peter.wakeland@bia.gov</p>	<p align="center"><b>BIA Committee Administrative Contact</b></p> <p>Name: Peter Wakeland  Title: Chief, Division of Forestry and Wildland Fire Management  Address: 1849 C St. NW, MIB  City, State, Zip: Washington, DC 20240  Telephone: 202-513-0337  FAX: 202-219-1255  Email: peter.wakeland@bia.gov</p>
<p align="center"><b>BLM Committee Program Contact</b></p> <p>Name: Peggy Olwell  Title: Plant Conservation Program Lead  Address: 1849 C St. NW, Rm 2134LM  City, State, Zip: Washington, DC 20240  Telephone: 202-912-7273  FAX: 202-245-0015  Email: polwell@blm.gov</p>	<p align="center"><b>BLM Committee Administrative Contact</b></p> <p>Name: Peggy Olwell  Title: Plant Conservation Program Lead  Address: 1849 C St. NW, Rm 2134LM  City, State, Zip: Washington, DC 20240  Telephone: 202-912-7273  FAX: 202-245-0015  Email: polwell@blm.gov</p>
<p align="center"><b>FHWA Committee Program Contact</b></p> <p>Name: Deirdre M. Remley  Title: Environmental Protection Specialist/Research Coordinator  Address: 1200 New Jersey Ave., SE  City, State, Zip: Washington, DC 20590  Telephone: 202-366-0524  FAX: 202-366-3713  Email: deirdre.remley@dot.gov</p>	<p align="center"><b>FHWA Committee Administrative Contact</b></p> <p>Name: Deirdre M. Remley  Title: Environmental Protection Specialist/Research Coordinator  Address: 1200 New Jersey Ave., SE  City, State, Zip: Washington, DC 20590  Telephone: 202-366-0524  FAX: 202-366-3713  Email: deirdre.remley@dot.gov</p>
<p align="center"><b>NPS Committee Program Contact</b></p> <p>Name: Greg Eckert  Title: Restoration Ecologist  Address: 1201 Oakridge Dr., Suite 200  City, State, Zip: Ft. Collins, CO 80525  Telephone: 970-225-3594  FAX: 970-225-9965  Email: greg_eckert@nps.gov</p>	<p align="center"><b>NPS Committee Administrative Contact</b></p> <p>Name: Greg Eckert  Title: Restoration Ecologist  Address: 1201 Oakridge Dr., Suite 200  City, State, Zip: Ft. Collins, CO 80525  Telephone: 970-225-3594  FAX: 970-225-9965  Email: greg_eckert@nps.gov</p>
<p align="center"><b>SI Committee Program Contact</b></p> <p>Name: Gary Krupnick  Title: Head of the Plant Conservation Unit  Address: P.O. Box 37012, NMNH, MRC-166  City, State, Zip: Washington, DC 20013-7012  Telephone: 202-633-0940  FAX: 202-786-2563  Email: krupnickg@si.edu</p>	<p align="center"><b>SI Committee Administrative Contact</b></p> <p>Name: Gary Krupnick  Title: Head of the Plant Conservation Unit  Address: P.O. Box 37012, NMNH, MRC-166  City, State, Zip: Washington, DC 20013-7012  Telephone: 202-633-0940  FAX: 202-786-2563  Email: krupnickg@si.edu</p>
<p align="center"><b>USBG Committee Program Contact</b></p> <p>Name: Ray Mims  Title: Conservation and Sustainability Horticulturist  Address: 245 First St. SW  City, State, Zip: Washington, DC 20024  Telephone: 202-409-1659  FAX: 202-225-1561  Email: rmims@aoc.gov</p>	<p align="center"><b>USBG Committee Administrative Contact</b></p> <p>Name: Ari Novy / Beth Schnakenberg  Title: Executive Director  Address: 245 First St. SW  City, State, Zip: Washington, DC 20024  Telephone: 202-225-1269 / 202-225-1110  FAX: 202-225-1561  Email: anovy@aoc.gov / bschnake@aoc.gov</p>

<b>USDA ARS Committee Program Contact</b>	<b>USDA ARS Committee Administrative Contact</b>
Name: Marlen Eve Title: Deputy Administrator, Natural Resources and Sustainable Agricultural Systems, Address: 5601 Sunnyside Ave (GWCC 4-2288), Beltsville, MD 20705 Telephone: 301-504-7987 Email: Marlen.Eve@ARS.usda.gov	Name: Dr. Steven Kappes Title: Associate Administrator for National Programs Address: 5601 Sunnyside Ave., GWCC 4-2202 City, State, Zip: Beltsville, MD 20705 Telephone: 301-504-5084 FAX: Email: steven.kappes@ars.usda.gov
<b>USDA FS Committee Program Contact</b>	<b>USDA FS Committee Administrative Contact</b>
Name: William Carromero Alternate: Carol Spurrier Title: National Botany Program Leader Address: 1400 Independence Ave SW, RM 3 SE City, State, Zip: Washington, DC 20250 Telephone: 479-280-3242 Email: wcarromero@fs.dfed.us, cspurrier@fs.fed.us	Name: Altonia Matthews Title: Executive Assistant Rangelands Management and Vegetation Ecology Address: 1400 Independence Ave SW, RM 3 SE City, State, Zip: Washington, DC 20250 Telephone: 202-205-0982 Email: altoniamatthews@fs.fed.us
<b>USDA NIFA Committee Program Contact</b>	<b>USDA NIFA Committee Administrative Contact</b>
Name: James P. Dobrowolski Alternate: Megan Haidet Title: National Program Leader, DES Address: 1400 Independence Ave. SW City, State, Zip: Washington, DC 20250-2210 Telephone: 202-401-5016 Email: jdobrowolski@nifa.usda.gov margaret.haidet@nifa.usda.gov	Name: James P. Dobrowolski Title: National Program Leader, Division of Environmental Systems Address: 1400 Independence Ave. SW City, State, Zip: Washington, DC 20250-2210 Telephone: 202-401-5016 FAX: 202-401-1706 Email: jdobrowolski@nifa.usda.gov
<b>USDA NRCS Committee Program Contact</b>	<b>USDA NRCS Committee Administrative Contact</b>
Name: John Englert Title: National Program Leader - Plant Materials Address: 1400 Independence Ave. SW, Room 6157-S City, State, Zip: Washington, DC 20250 Telephone: 202-720-0536 FAX: 202-720-2646 Email: john.englert@wdc.usda.gov	Name: Terrell Erickson Title: Director, Ecological Sciences Division Address: 1400 Independence Ave. SW, Room 6160-S City, State, Zip: Washington, DC 20250 Telephone: 202-720-5992 FAX: 202-720-2646 Email: terrell.erickson1@wdc.usda.gov
<b>USFWS Committee Program Contact</b>	<b>USFWS Committee Administrative Contact</b>
Name: Patricia De Angelis Title: Botanist, Division of Scientific Authority Address: 5275 Leesburg Pike, MS: IA City, State, Zip: Falls Church, VA 22041-3803 Telephone: 703-358-1708 x 1753 FAX: 703-358-2276 Email: patricia_deangelis@fws.gov	Name: Patricia De Angelis Title: Botanist, Division of Scientific Authority Address: 5275 Leesburg Pike, MS: IA City, State, Zip: Falls Church, VA 22041-3803 Telephone: 703-358-1708 x1753 FAX: 703-358-2276 Email: patricia_deangelis@fws.gov
<b>USGS Committee Program Contact</b>	<b>USGS Committee Administrative Contact</b>
Name: Molly McCormick Title: Restoration Coordinator & Ecologist, Address: Southwest Biological Science Center, 2255 N. Gemini Drive, Flagstaff, AZ 86001, office: 421A Phone: 928-556-7305 Email: mmccormick@usgs.gov	Name: Melanie Clark Title: Program Specialist Address: 12201 Sunrise Valley Dr., Mail Stop 114 City, State, Zip: Reston, VA 20192 Telephone: 703-648-4454 FAX: 703-648-4322 Email: melanie_clark@usgs.gov

ATTACHMENT 2: PLANT CONSERVATION ALLIANCE - FEDERAL COMMITTEE & COOPERATORS

**MEMBERS AND COOPERATORS**  
**As of December 2016**

*The Federal Committee is currently comprised of twelve agencies and representatives:*

Bureau of Indian Affairs: Peter Wakeland, Chief, Division of Forestry and Wildland Fire Management, Washington, DC.

Bureau of Land Management: Peggy Olwell, Plant Conservation Program Lead, Forest, Rangeland, Riparian and Plant Conservation Division, Washington, DC. (Chair)

Federal Highway Administration: Deirdre M. Remley, Environmental Protection Specialist and Research Coordinator, Office of Project Development and Environmental Review, Washington, DC.

National Park Service: Greg Eckert, Restoration Ecologist, Biological Resource Management Division, Fort Collins, CO.

Smithsonian Institute: Gary Krupnick, Plant Conservation Unit, National Museum of Natural History, Washington, DC.

US Botanic Garden: Ray Mims, Conservation and Sustainability Horticulturist, Washington, DC.

USDA Agricultural Research Service: Rosalind James, National Program Leader, Invasive Pests of Crops, Beltsville, MD

USDA Forest Service: William Carromero, National Botany Program Leader, Washington, DC.

USDA National Institute of Food and Agriculture: James P. Dobrowolski, National Program Leader, Division of Environmental Systems, Washington, DC.

USDA Natural Resources Conservation Service: John Englert, Plant Materials Program Leader, Ecological Sciences Division, Washington, DC.

US Fish and Wildlife Service: Patricia De Angelis, Botanist, Division of Scientific Authority, Washington, DC.

US Geological Survey: Elizabeth Sellers, Data Development Specialist, Reston, VA.

*The following 332 organizations have formal Cooperator status with the Committee:*

- (AK) Alaska Natural Heritage Program, University of Alaska Anchorage • Alaska Plant Materials Center • Cordova Cooperative Weed Management Area • (AL) Alabama Natural Heritage Program • Alabama Plant Conservation Alliance • Annie E. Blackwell Native Plant Foundation, Inc. • Birmingham Botanical Gardens • Donald E. Davis Arboretum • (AR) Garden of Inner Peace • Gates Rogers Foundation Inc. • (AZ) The Arboretum at Flagstaff • Arizona Native Plant Society • Arizona-Sonora Desert Museum • Boyce Thompson Arboretum • Desert Botanical Garden • Mountain States Wholesale Nursery • Navajo Natural Heritage Program • Southern Arizona Buffelgrass Coordination Center • (CA) Bolsa Chica Land Trust • Botanical

Dimensions • The Calflora Database • California Department of Fish and Game • California Invasive Plant Council • California Native Plant Society • Catalina Island Conservancy • Go Wild! Consulting • The International Carnivorous Plant Society • Kern River Research Center • Marin Conservation Corps • Mattole Restoration Council • NASA Ames Research Center • Pollinator Partnership • Rancho Santa Ana Botanic Garden • Regional Parks Botanic Garden • Riverside-Corona Resource Conservation District • San Elijo Lagoon Conservancy • Santa Barbara Botanic Garden • Southwest Riverside County Multi-Species Reserve • UCI Arboretum and Herbarium • University of California Botanical Garden at Berkeley • University of California Natural Reserve System • (CO) • Betty Ford Alpine Gardens • Botanical Liaisons, LLC • Boulder County Parks and Open Space Department • Butterfly Pavilion and Insect Center • Colorado Native Plant Society • Colorado Natural Heritage Program • Colorado State Forest Service Nursery • Cross-Watershed Network • Denver Botanic Gardens • Four Corners Wildflowers • Healing Planet Herbs, Inc. • Southern Rockies Seed Network • Sunnyland Seeds • Tamarisk Coalition • The Upper Colorado Environmental Plant Center • (CT) FFF Associates, Inc. • George Safford Torrey Herbarium • Mercy Ecology Institute at Mercy Center • (DC) American Forests • American Society of Landscape Architects • Ecological Society of America • National Association of Conservation Districts • National Association of Exotic Pest Plant Councils • National Fish and Wildlife Foundation • National Museum of Natural History, Smithsonian Institution • National Wildlife Refuge Association • Society for Conservation Biology • Society for Ecological Restoration • TRAFFIC North America • (DE) Mt. Cuba Center for the Study of Piedmont Flora • Species Conservation and Research Program, DE Division of Fish & Wildlife • (FL) Camp Bayou Outdoor Learning Center • Fairchild Tropical Garden • Florida Association of Native Nurseries (FANN) • Florida Exotic Pest Plant Council • Florida Native Plant Society • Florida Wildflower Foundation • The Institute for Regional Conservation • Sanibel-Captiva Conservation Foundation • Southeast Exotic Pest Plant Council • (GA) The Atlanta Botanical Garden • The Cobb Land Trust, Inc. • Georgia Native Plant Society • Georgia Plant Conservation Alliance • Jekyll Island Authority • World Environmental Organization • (HI) E kupaku ka 'aina - The Hawai'i Land Restoration Institute • Harold L. Lyon Arboretum • Hawaii ReLeaf • Hawaiian Ecosystems at Risk Project • Ho'olawa Farms • Ka\_ala Farm, Inc. • State of Hawaii Division of Forestry and Wildlife • (IA) Iowa Department of Natural Resources Prairie Resource Center • Iowa Ecotype Project • Iowa Prairie Network • Native Roadside Vegetation Center • Soil and Water Conservation Society • (ID) Idaho Department of Fish and Game • Idaho Native Plant Society • Native Plants Journal and Native Plants Network • Palouse Prairie Foundation • Sawtooth Botanical Garden • University of Idaho Research Nursery • Wood River Land Trust • (IL) Botanic Gardens Conservation International (US) • Chicago Botanic Garden • Grand Prairie Friends of Illinois • Illinois Department of Natural Resources, Division of Natural Heritage • Illinois Native Plant Society • Living Habitats • The Morton Arboretum • Plantdex • (IN) Indiana Native Plant and Wildflower Society • Indiana Natural Heritage Data Center • J.F. New and Associates, Inc. • Midwest Invasive Plant Network • (KS) Great Plains Herb Growers Association • Kansas Native Plant Society • Monarch Watch • Sharp Bros Seed Co. • Star Seed Inc. • (KY) I.W. Bernheim Foundation • Kentucky Native Plant Society • Kentucky State Nature Preserves Commission • Salato Native Plant Program • State Botanical Garden of Kentucky • (LA) Louisiana Department of Wildlife and Fisheries • Metairie Cemetery Association • (MA) Arnold Arboretum • Charles River Conservancy • Conway School of Landscape Design • Friends of Hemlock Gorge • Learning by the Yard • New England Wild Flower Society • The Orion Society • The Polly Hill Arboretum • (MD) Adkins Arboretum • American Herbal Products Association • Anacostia Watershed Society • Chesapeake Natives • Howard County Recreation & Parks Natural Resource Division • Irvine Natural Science Center • Izaak Walton League of America • Maryland Native Plant Society • Maryland-National Capital Park and Planning Commission • Oakland Terrace Elementary School • ThorpeWood • University of Maryland Extension • WindStar Wildlife Institute • (ME) BG-BASE, Inc. • (MI) Fernwood Botanical

Garden and Nature Preserve • Matthaei Botanical Gardens and Nichols Arboretum • Michigan Botanical Club • Michigan United Conservation Clubs • Wildflower Association of Michigan • Wildside Associated, LLC • (MN) American Bear Association • Bonestroo Natural Resources • Great River Greening • Leech Lake Tribal Council • Truax Company, Inc. • (MO) American Society of Plant Taxonomists • Botanical Society of America • Center for Plant Conservation • City of Ballwin, Missouri • Flora of North America • Missouri Botanical Garden • Missouri Native Plant Society • A Wild Crafter's Grower Group • (MS) Community Advancement Network Inc. / Delta Botanical Gardens • The Crosby Arboretum • Mississippi Native Plant Society • Strawberry Plains Audubon Center • (MT) Center for Invasive Plant Management • Flora Delaterre Productions • Montana Native Plant Society • Montana Natural Heritage Program • (NC) • Biota of North America Program • Blue Ridge Parkway Foundation • Daniel Stowe Botanical Garden • Fern Valley Farms • Friends of Plant Conservation of North Carolina, Inc. • Good Scents Herb & Flower Co. • Laurel Hill Press • MoonBranch Botanicals • Native Botanicals • The North Carolina Arboretum • North Carolina Botanical Garden • North Carolina Division of Parks and Recreation • North Carolina Native Plant Society • Partners for Environmental Justice • Shady Grove Gardens • Strategic Sourcing Inc. • The Town of Long Beach • (NE) Nebraska Statewide Arboretum • Prairie Legacy Inc • Shoestring Acres Seed • Stock Seed Farms Inc. • (NJ) American Littoral Society • North American Butterfly Association • Partnerships for New Jersey Plant Conservation • Sister Mary Grace Burns Arboretum • (NM) Native Plant Society of New Mexico • Rio Grande Botanic Garden • (NV) Nevada Native Plant Society • (NY) Albany Pine Bush Preserve Commission • Audubon International • Brooklyn Botanic Garden • City of New York Parks & Recreation Greenbelt Native Plant Center • Cornell Cooperative Extension • Cornell Plantations • Garden Club of America • Manitoga The Russel Wright Design Center • The New York Botanical Garden • New York Sea Grant • Organix Horticultural Consultants & Soil Testing Laboratory • Quality Parks • The Wildflower Conservancy • (OH) Cincinnati Zoo & Botanical Garden • The Dawes Arboretum • The Herb Society of America, Inc. • The Holden Arboretum • Native Plant Society of Northeastern Ohio • Northside Greenspace, Inc. • Rural Action • United Plant Savers • (OK) Oklahoma Biological Survey • Oklahoma Native Plant Society • (OR) American Grass Seed Producers • Carex Working Group, LLC • Deschutes Basin Native Plant Seedbank • Institute for Applied Ecology • Institute for Culture and Ecology • Mount Pisgah Arboretum • Native Plant Society of Oregon • Native Seed Network • Natural Areas Association • Oregon Biodiversity Information Center - Institute for Natural Resources – Portland • Oregon Department of Agriculture • Oregon Orchid Society • Rae Selling Berry Seed Bank & Plant Conservation Program • The Xerces Society • (PA) American Public Gardens Association • Association of Professional Landscape Designers (APLD) • Audubon Society of Western Pennsylvania • Bowman's Hill Wildflower Preserve • Earth Visions Company • Ernst Conservation Seeds • Organic Gardening Magazine • PA DCNR, Bureau of Forestry • Pennsylvania Natural Heritage Program • Rodale Institute • Susquehanna Piedmont Preservation Council • Wissahickon Valley Watershed Association • (RI) Audubon Society of Rhode Island • Rhode Island Wild Plant Society • (SC) Hatcher Garden & Woodland Preserve • Laurel Lake • South Carolina Native Plant Society • (SD) Slip Up Creek Prairie Science Center • (TN) Botanica Chattanooga LLC • Friends of the Cumberland Trail Trailhead Restoration Nursery • Growild, Inc. • Invasive Plant Control, Inc. • Mill Creek Farm • Southern Appalachian Man and the Biosphere Cooperative • Sunnheim Arbor Frithyard • Tennessee Division of Natural Areas • Tennessee Native Plant Society • (TX) American Botanical Council • Balcones Canyonlands Preserve • Botanical Research Institute of Texas • Botresearch USA • Dallas Historic Tree Coalition • Janssen Biological • Lady Bird Johnson Wildflower Center • The Mercer Arboretum • Mitchell County Board of Economic Development • Native Plant Society of Texas • Native Prairies Association of Texas • San Antonio Botanical Gardens • Sun City Georgetown Nature Club • Texas Parks and Wildlife Department, Wildlife Diversity Program • Texas Research Institute for Environmental Studies • Wild Basin Wilderness Preserve • (UT) The

Center for Water-Efficient Landscaping • Granite Seed Company • Red Butte Garden • Utah Native Plant Society • ( VA) American Horticultural Society • American Seed Trade Association • Edith J. Carrier Arboretum & Botanical Gardens at James Madison University • Fairfax ReLeaf • Lewis Ginter Botanical Garden • Magee Landscape Consultation & Design • Meadowview Biological Research Station • Mid-Atlantic Exotic Pest Plant Council • National Wildlife Federation • The Nature Conservancy • NatureServe • Piedmont Environmental Council • Ticonderoga Arboretum & Botanical Gardens • Virginia Division of Natural Heritage • Virginia Native Plant Society • Winkler Botanical Preserve • The Wintergreen Nature Foundation • (VT) Vermont Natural Heritage Inventory (WA) BFI Native Seeds • Fountainhead, Inc. • Inside Passage Native Seeds • L&H Seeds, Inc. • Pacific Biodiversity Institute • Rainier Seeds, Inc. • University of Washington Botanic Gardens • Washington Native Plant Society • Wildlands, Inc. (WI) Accent on Natural Landscaping Inc • Wild Ones Natural Landscapers, Ltd. • Wisconsin Department of Natural Resources • (WY) Wyoming Native Plant Society • Wyoming Natural Diversity Database • (Mexico) Universidad Autonoma de Chihuahua • (India ) Society for Parthenium Management • (United Kingdom) Fauna & Flora International • Royal Botanic Gardens, Kew • Planta Europa • (Canada) The Medicinal Plant Specialist Group IUCN/SSC • Richters Herbs • Wildflower Farm • Wildflower Magazine •