



CHICAGO BOTANIC GARDEN

Before Conservation and Restoration, A Conversation

Jean M. Franczyk; President and CEO
The Chicago Botanic Garden
National Native Seed Conference February 2017



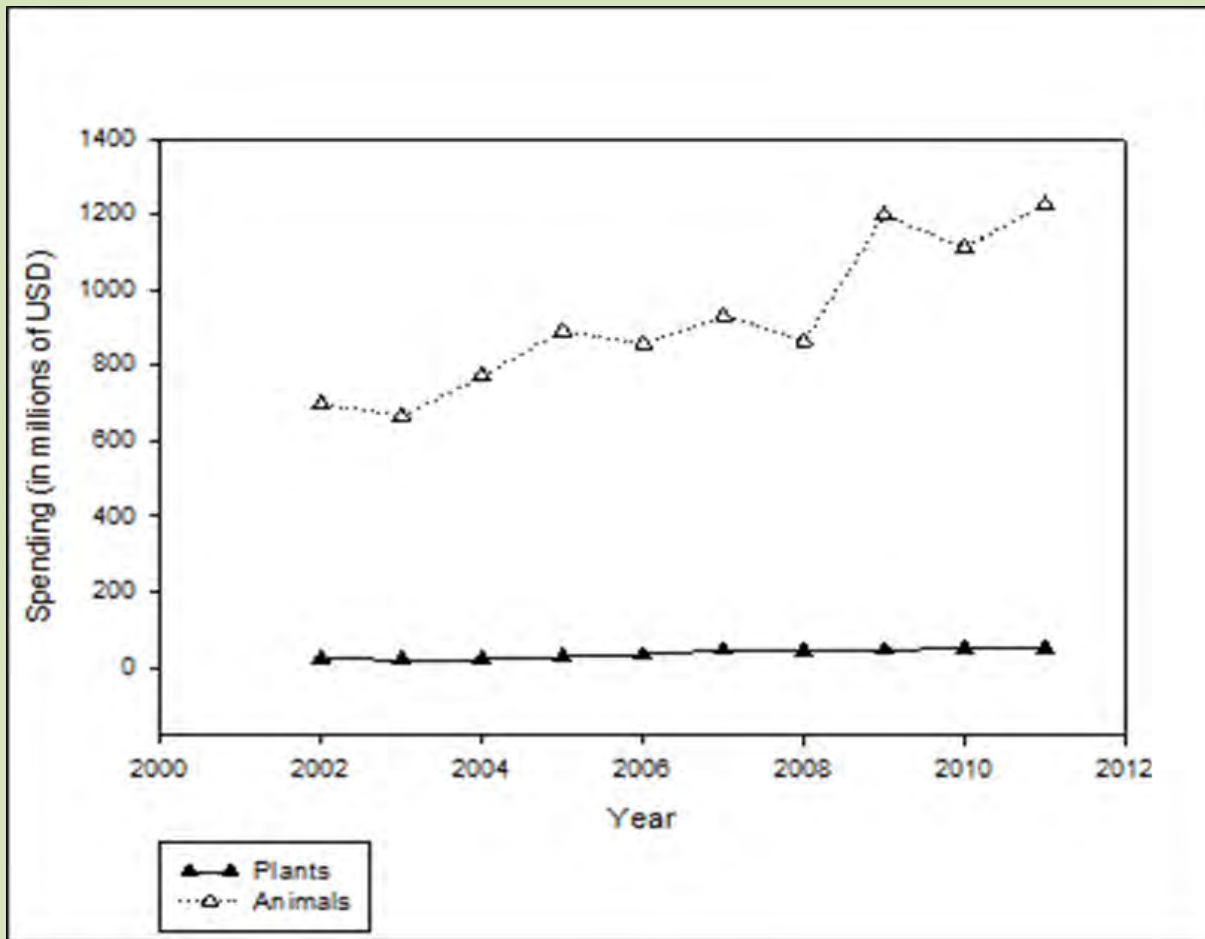
CHICAGO BOTANIC GARDEN





Photo by Tim Fitzharris

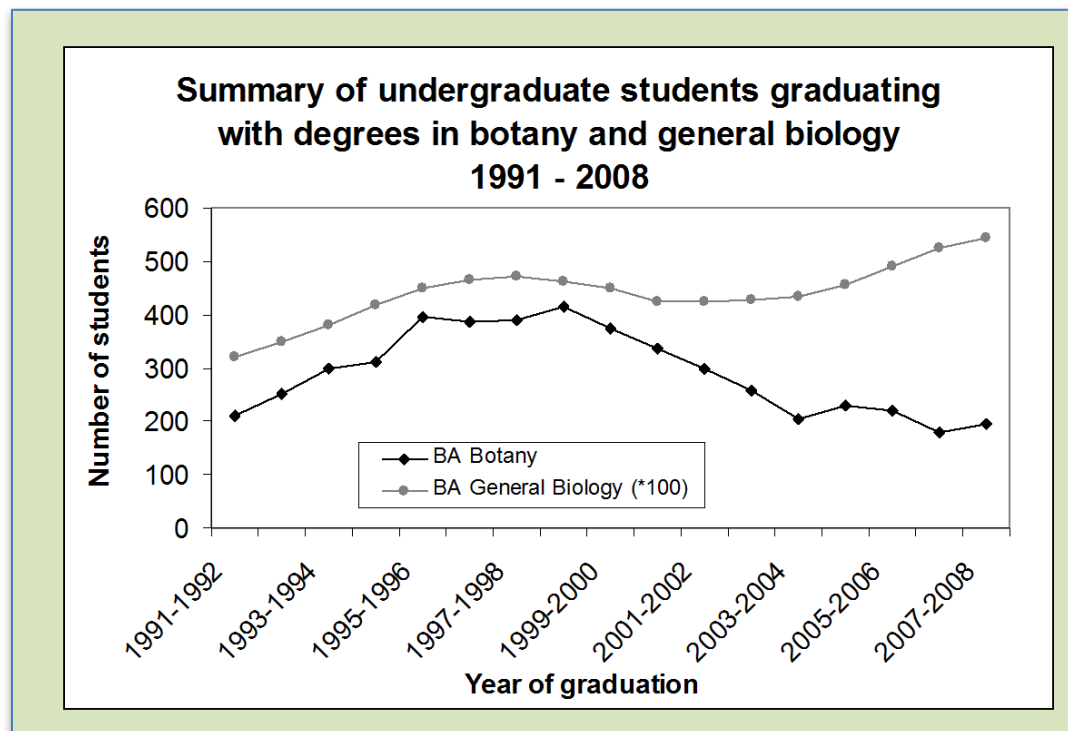
Plant Blindness



Plant Blindness

Botanists are endangered too!

- BLM has 54 botanists –one botanist per 4.7 million acres
- NPS has 28 botanists – one botanist per 2.9 million acres
- USDA FS has 115 botanists – one botanist per .7 million acres
- USFWS has 26 botanists - one botanist per 3.7 million acres



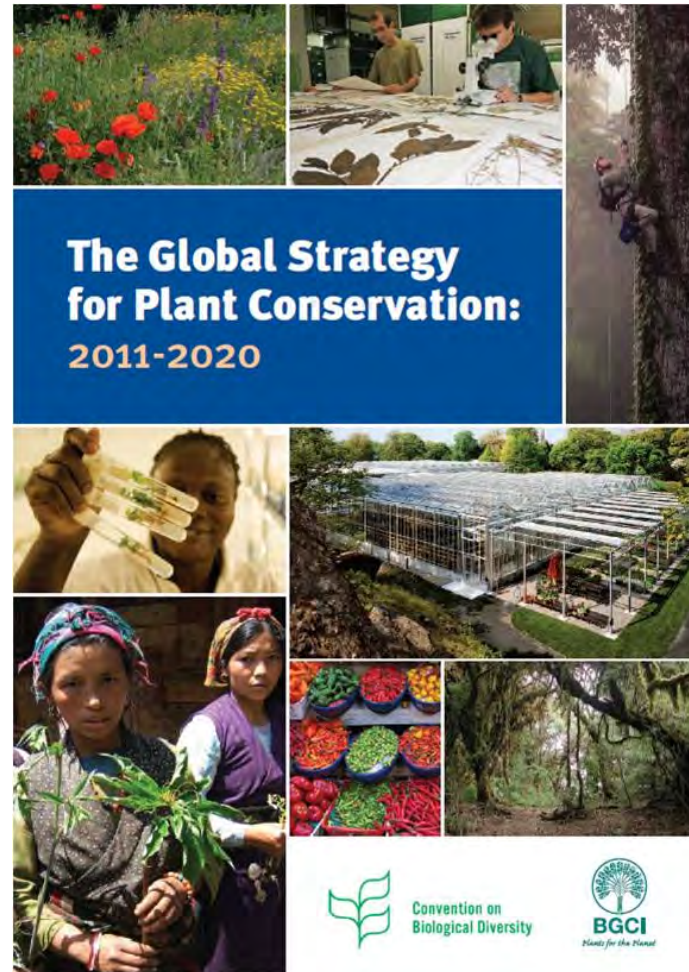
CHICAGO BOTANIC



Threats to plants and plant communities



Global Strategy for Plant Conservation



Restoration



We need seed!

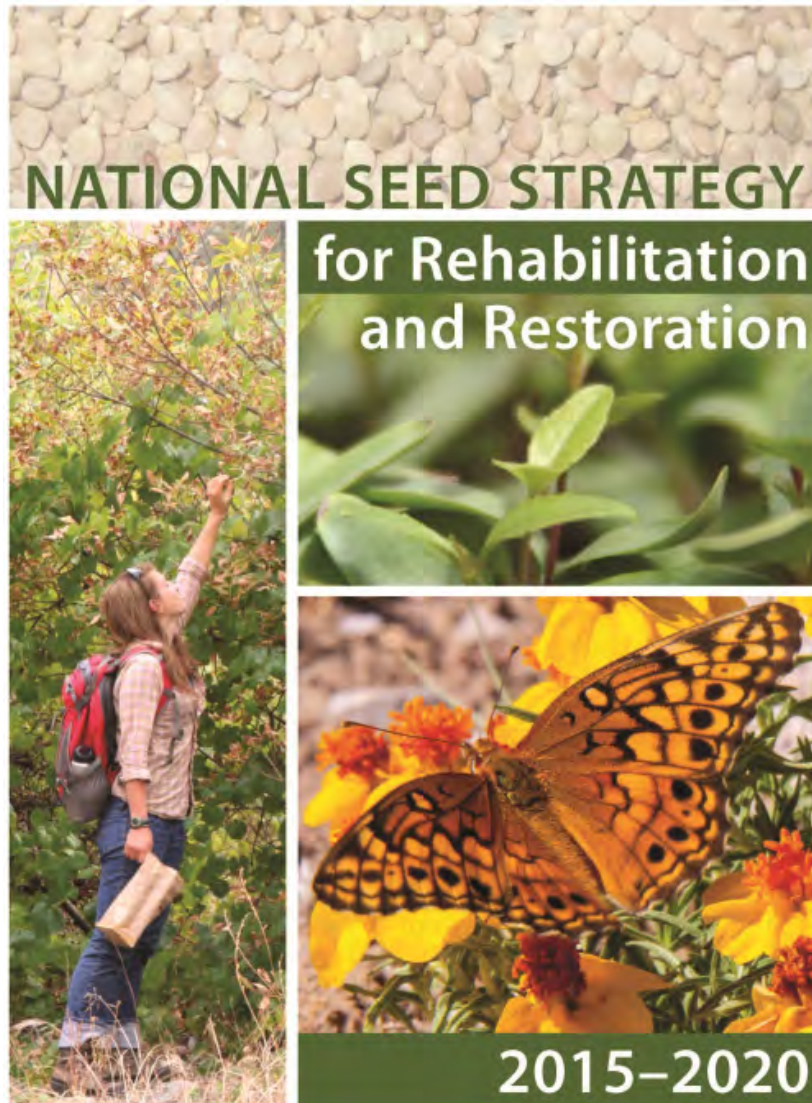


SEEDS



OF SUCCESS

National Seed Strategy



National Seed Strategy Vision:

The right seed in the right place at the right time

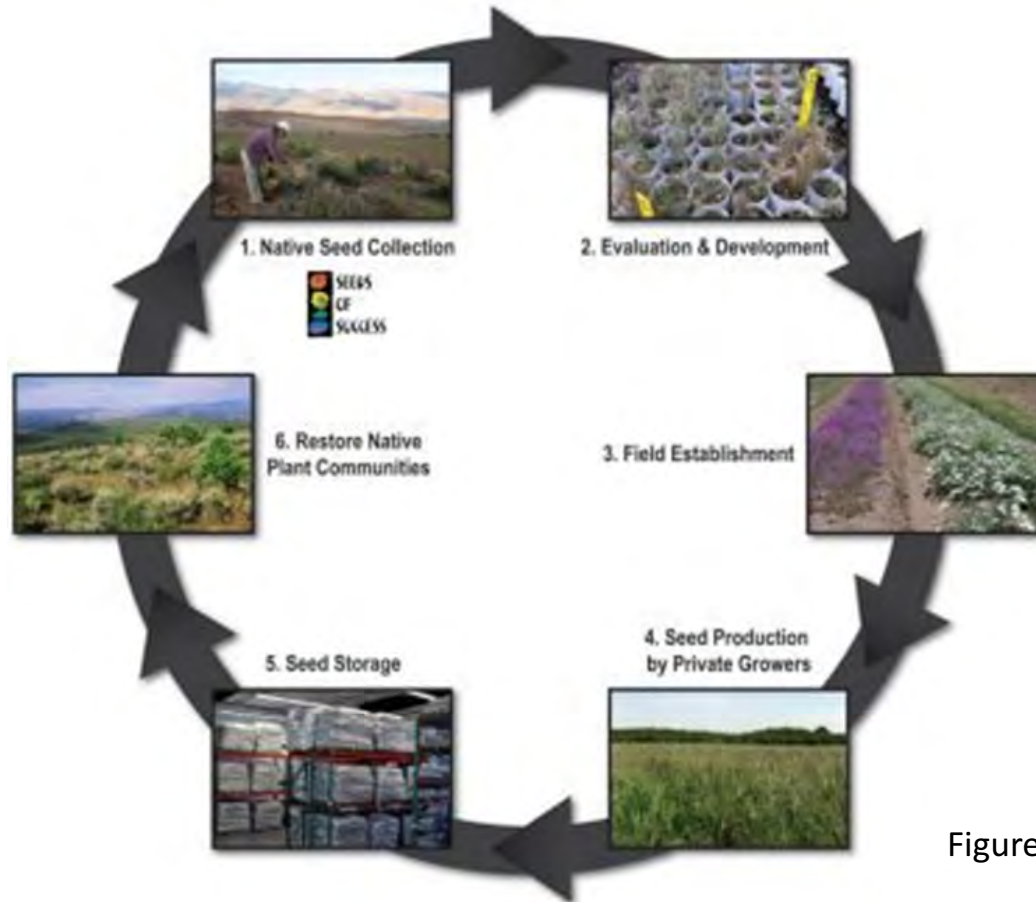


Figure courtesy of Peggy Olwell

National Seed Strategy – 4 Main Goals

- 1. Identify seed needs**
- 2. Conduct research**
- 3. Provide decision tools**
- 4. Communicate**



Role of Partnerships

Collaboration is key



Success, but....





Christmas Bird Count

The nation's longest-running citizen science bird project fuels Audubon science throughout the year.

Christmas Bird Count 2015, Central Park, NYC. Photo: Camilla Cerea/Audubon

- [CBC Home](#)
- [Access Count Results](#)
- [Enter Your CBC Data](#)
- [CBC Photo Upload](#)
- [CBC Photo Gallery](#)

Urge U.S. Senators to ensure the next head of the EPA protects birds and people. [Take Action](#)



Few have witnessed what you're about to see

Experience a privileged glimpse of the distant universe as observed by the SDSS, CTIO and VST.

Classify Galaxies

To understand how galaxies formed we need your help to classify them according to their shapes. If you're quick, you may even be the first person to see the galaxies you're asked to classify.

[Begin Classifying](#)



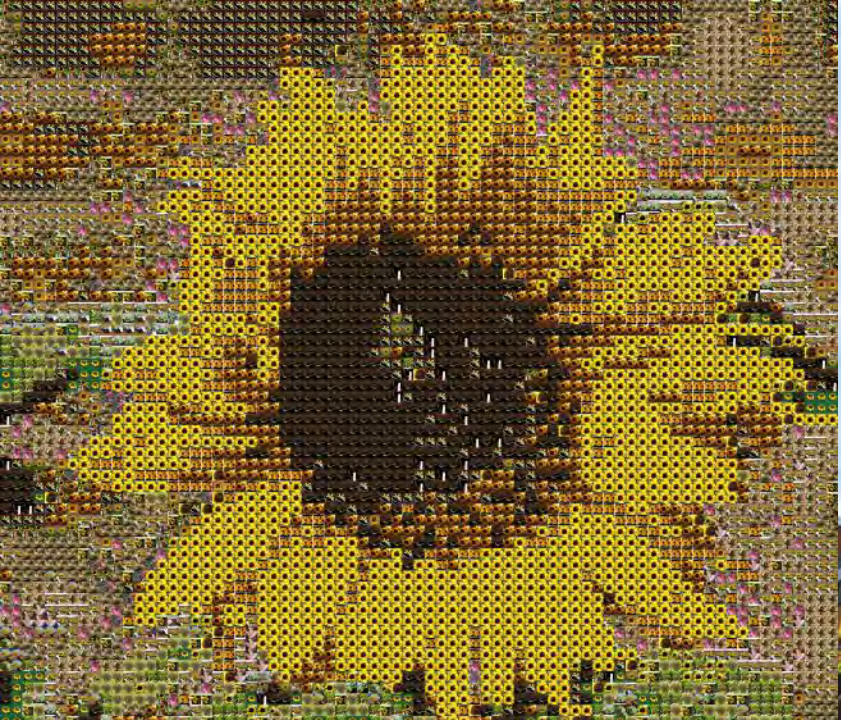
How Do Galaxies Form?

Roughly one hundred billion galaxies are scattered throughout our observable Universe, each a glorious system that might contain billions of stars. Many are remarkably beautiful, and the aim of Galaxy Zoo is to study them, assisting astronomers in attempting to understand how the galaxies we see around us formed, and what their stories can tell us about the past, present and future of our Universe as a whole. [MORE](#)

History of Galaxy Zoo

The launch of this new version of Galaxy Zoo, the 4th, comes just a few weeks after the site's 5th birthday. It all started back in July 2007, with a data set made up of a million galaxies imaged by the Sloan Digital Sky Survey, who still provide some of the images in the site today. With so many galaxies, we'd assumed it would take years for visitors to the site to work through them all, but within 24 hours of launch we were stunned to be receiving almost 70,000 classifications an hour. In the end, more than 50 million





Project BudBurstSM

Timing is Everything!

People watching plants
Contributing to research
Join Project BudBurst

[About](#)[Observing Plants](#)[Partners](#)[Education](#)[Science](#)[Data](#)[My BudBurst](#)[BudBurst](#)[Home](#)

Welcome to Project BudBurst!

Every plant tells a story about changing climates.

We are a national network of citizen scientists monitoring plants as the seasons change. Join us!

1

Register Online

Create a [My BudBurst account](#)



2

Learn How to Observe

Find out [what to look for](#) when making observations.



3

Select a Plant

Next, [choose a plant](#) to observe.



4

Go Outside and Observe

5

Report



Latest News

- [Change Happens](#)
- [Submit Your Fall into Phenology Observations](#)
- [Season Spotter Educational Materials](#)
- [Project BudBurst in the News](#)

Recent Reports



Flowers (Middle) on Feb 11
Winter Jasmine in Charlotte, NC
Submitted by Charlotte on Feb 11



Flowers (Early) on Feb 11
Flowering Quince in Charlotte, NC
Submitted by Charlotte on Feb 11



Leaves Unfolding (Early) on Feb 11
Flowering Quince in Charlotte, NC
Submitted by Charlotte on Feb 11



Flowers (Middle) on Feb 11
Forsythia in Charlotte, NC
Submitted by Charlotte on Feb 11



Flowers (Middle) on Feb 11
Crocus in Charlotte, NC



Backyard Conservation Certifications









Conversation Conservation Restoration



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The preceding presentation was delivered at the

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This and additional presentations available at <http://nativeseed.info>

