Rights-of-Way as Habitat Working Group
3 to 4 May 2017

Effective Partnerships

- Goals
- Relationships
- Work
- Party

Brent M. Haglund, Ph.D.
CEO, Sand County Foundation

Sand County Foundation
following Independent Review 2015

Sand County Foundation Mission

… advance use of ethical and scientifically sound land management practices for benefit of people and the ecological landscape.

Widespread, Growing Land Ethic

Sand County Foundation
Founded in 1967

How Did SCF Begin?

... creating, fostering a voluntary partnership of committed private landowners to conserve Aldo Leopold's shack and land.

Voluntary,Partnerships,Landowners

Sand County Foundation
sandcountyfoundation.org

Our Projects...

- Individual responsible
- Partners' goals in common
- Measurement
- Science
- Innovation
- Management
- Enjoyment and satisfaction

Sand County Foundation

Partnership development –

- We do no project unless it is in a partnership
- Each partner with “skin in the game”
- Learn from each other
- Create experience to support partnering again

Define terms

Partner – a person who takes part in an undertaking with another or others, especially in a business or company with shared **risks** and **profits**

Partnership – the state of being a partner in the business

Partnership Analyses

Partnership studies –

Many research or case study reports on partnerships

You wouldn't need to write a book on the topic, you can read dozens of books written about partnerships in various fields of endeavor

Political Partnerships

Goals – legislation, executive actions, often coalitions more than partnerships, core partners

The first thing [in credit] is character … A man I do not trust could not get money from me on all the bonds in Christendom. J.P. Morgan

Business Partnerships

Relationships – make money

Examples abound in banking, investment, manufacturing

Money equals business which equals power, all of which come from character and trust. J.P. Morgan

Health Partnerships

Work – plan,resource, measure, begin, meet objectives, evaluate, adapt, envision

The best partnerships aren't dependent on a mere common goal but on a shared path of equality, desire, and no small amount of passion. Sarah MacLean

Military Partnerships

Party?? (probably not) – plan, train, logistics, progress, secure victory, hope for peace, willingness to partner again?, partners of necessity, fraught with problems

I'll do business with anyone, but I'll only go sailing with gentlemen.

J.P. Morgan

Study of Phosphorus Loss Abatement Capabilities of Agricultural Land Application of Flue Gas Desulfurization Gypsum

Engaged, Active Partners

- Farmers
- Sand County Foundation
- EPRI
- We Energies
- Gypsoil
- H2O Resources Mgmt. Group
- U-WI Milwaukee, Madison


CABELA'S
SINCE 19


Example of what a typical runoff event collection used to look like
Detachment (D)
Build up
Heaviest loss (H)
Tapering off
WBF 1
08/29/14
81-100


What more recent runoff events are looking like
D H D H H H
D H H H H H
WBF2
22 → 55
4/10/2018

P Loss Abatement by Applying Gypsum

Onward, Perspective

- Issues understood up front
- Agreed fully on goals
- Communicating the problems
- Complementary team members
- ↑ Soil and water qualities
- Opportunities to grow
- Farmers doing tours

↑ Farmers Improving Water Quality

SAND COUNTY FOUNDATION

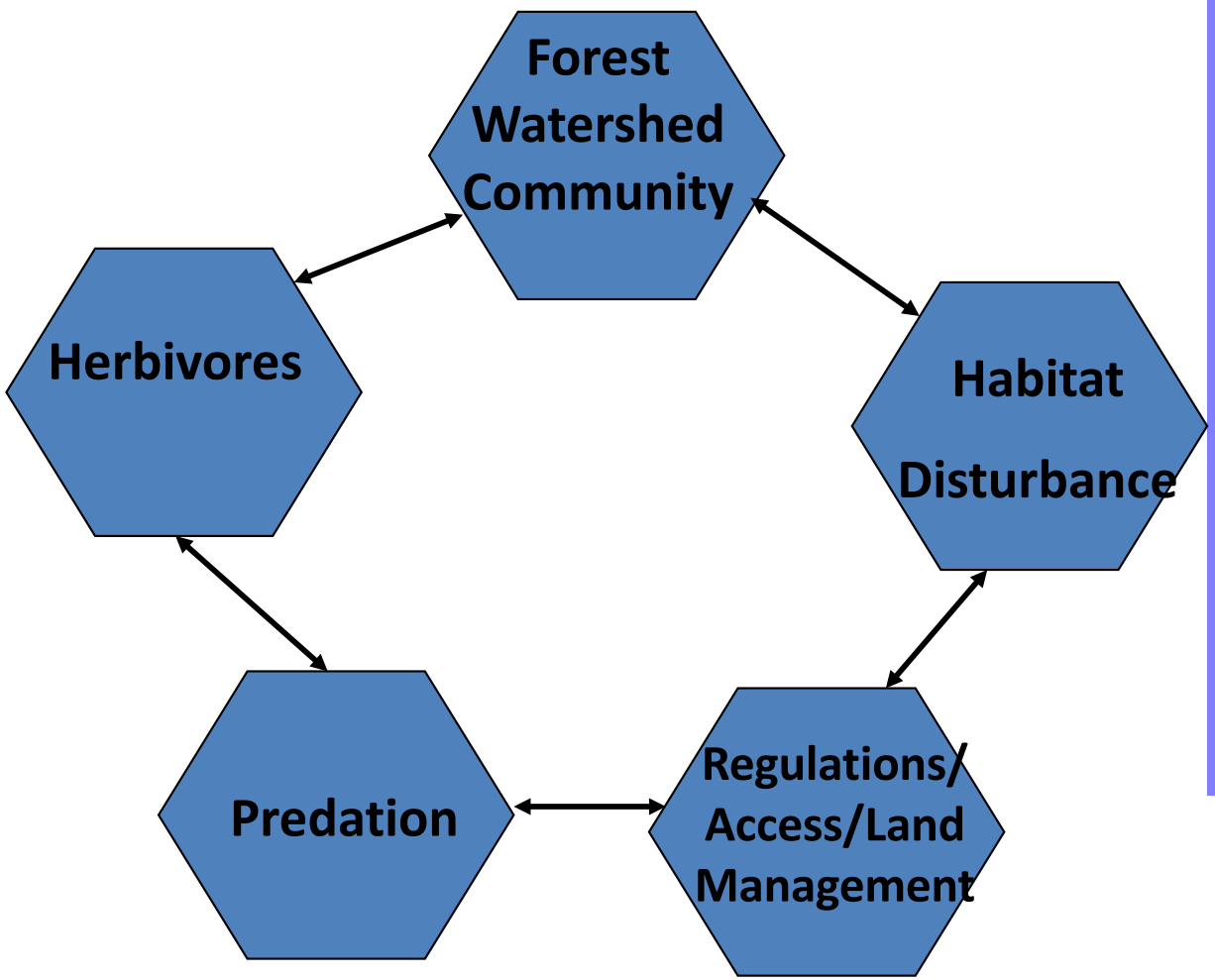
Engaged, Active Partners

- City of Bradford Water A.
- Collins Pine
- Pennsylvania Game Commission
- Sand County Foundation
- Penn State Coop. Extension
- US Forest Service, F. Science
- ↑ Hunters

Forest-Ecology,Health,Economics


SMETHPORT 20
KANE 21
WARREN 22
EAST
SOUTH
WEST
59
321
59
SR
150
Kinzua Quality
Deer Cooperative
National Forest
Information
2
Allegheny
Reservoir Area
9

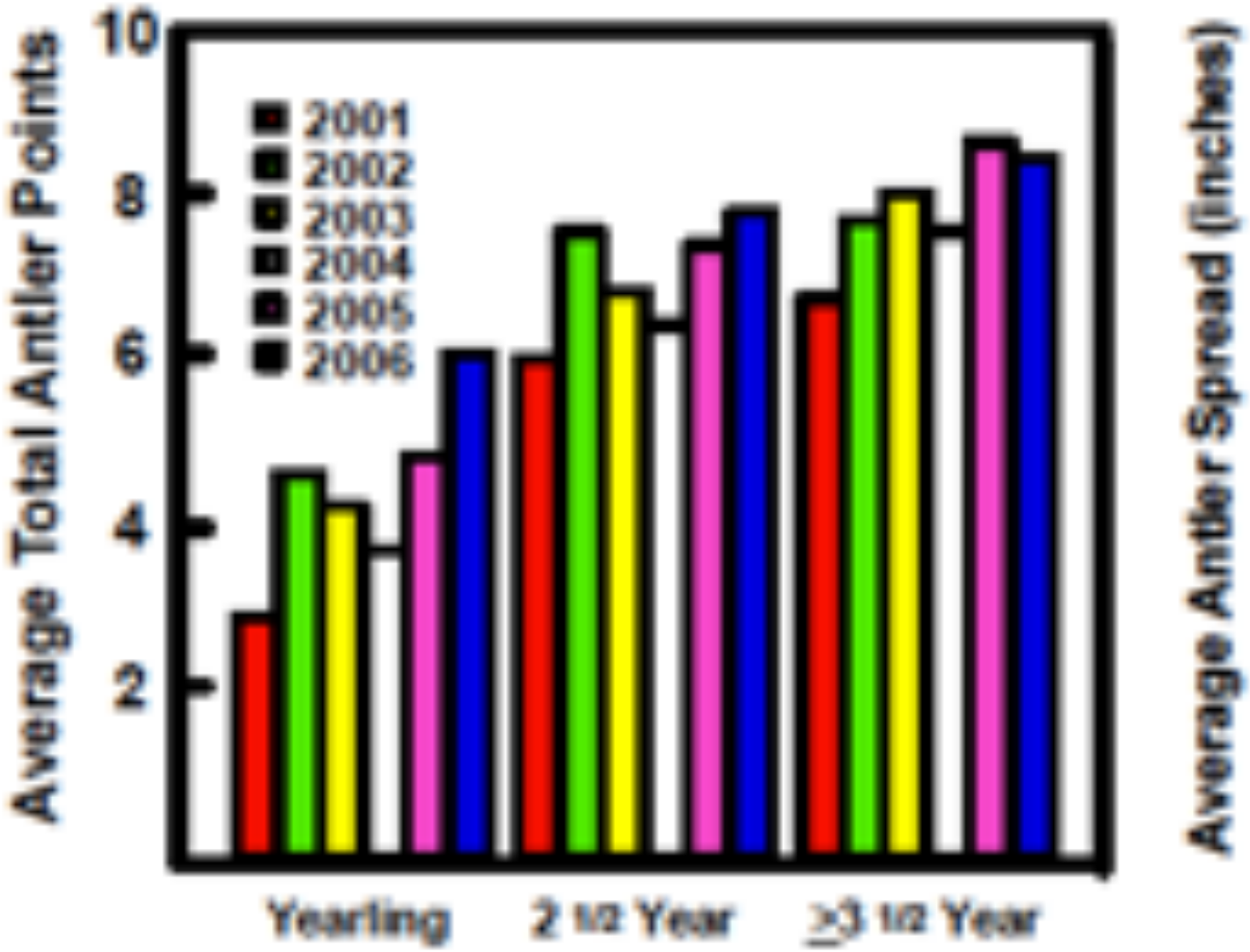
Overall *QHE* Model

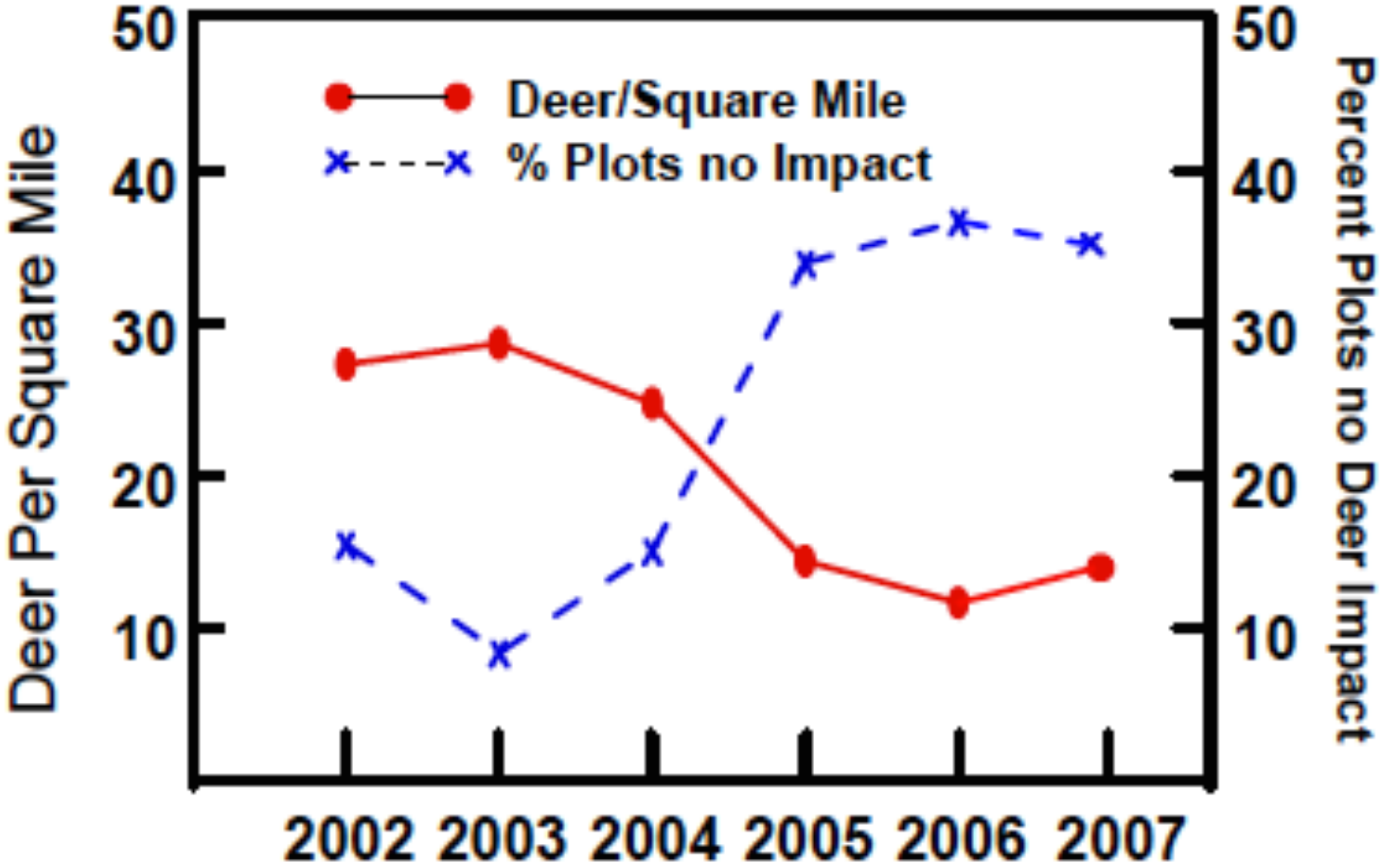


Assumptions:

- Three trophic levels
- Top-down control in systems pre-20th century
- When predator control
  weakens carrying capacity
  decreases over time
    - Changes structure & species composition
    - Less palatable & more resilient species increase in dominance
- Human hunting is primary predation component

SAND COUNTY FOUNDATION


Average Total Antler Points
10
8
6
4
2
2001
2002
2003
2004
2005
2006
Yearling
2 1/2 Year
≥3 1/2 Year
Average Antler Spread (Inches)


Deer/Square Mile
% Plots no Impact
Deer Per Square Mile
Percent Plots no Deer Impact
50
40
30
20
10
2002
2003
2004
2005
2006
2007

Kinzua Quality Deer Cooperative

Onward, Perspective

- Common understanding issue
- ↑ Hunter participation
- ↑ Deer quality, forest reproduction and diversity
- Healthy relationships
- Partners live there
- Businesses support
- Annual banquet, party

↑Forest-Ecology,Health,Economics

SAND COUNTY FOUNDATION

Engaged, Active Partners

- Ranchers
- US Departments Int., Ag.
- Oil and gas companies
- Coal companies
- Governors
- Sand County Fdn., NGOs…

THE COOPERATIVE SAGEBRUSH INITIATIVE: A Call to Action

THE COOPERATIVE SAGEBRUSH INITIATIVE: A Call to Action

To achieve its mission, CSI has five components:

Partnership Council *- leadership, coordination, funding, monitoring.*

Cooperative Conservation Fund *strategic, landscape-level habitat restoration investments within the sagebrush biome.*

Conservation Credit Exchange *facilitate the marketing of tradable conservation credits of fixed ecological value*

Body of Incentives *to encourage conservation participation in the Cooperative Sagebrush Initiative and investment in the Cooperative Conservation Fund.*

Monitoring and Assessment Program *audit projects & funds and assess program performance*

THE COOPERATIVE SAGEBRUSH INITIATIVE: A Call to Action

Specifically: ***The Cooperative Sagebrush Initiative is established for the purpose of recovering the western sagebrush-steppe biome***

- ***through a collaborative, coordinated, and cost-effective public-private partnership***
- ***built upon incentives for landowners, local communities, and private industry to invest in habitat restoration and other conservation actions***
- ***resulting in long-term, verifiable recovery of the greater sage-grouse and improvement of other species of concern in the sagebrush range.***

THE COOPERATIVE SAGEBRUSH INITIATIVE: A Call to Action

Goals:

- ***Preclude the need to list sage-grouse under the Endangered Species Act***
- ***Assure no net loss of important sage-steppe habitat***
- ***Establish an effective system of mitigation practices and conservation credits to facilitate offsite mitigation***

Done, Perspective

- ↑Sage-grouse management
- Sage-grouse not candidate for ESA listing
- Broader, bigger group(s)
- Partners onto other issues
- Lessons nice species
- Politics to navigate

↑Sagebrush Steppe Habitats,Species

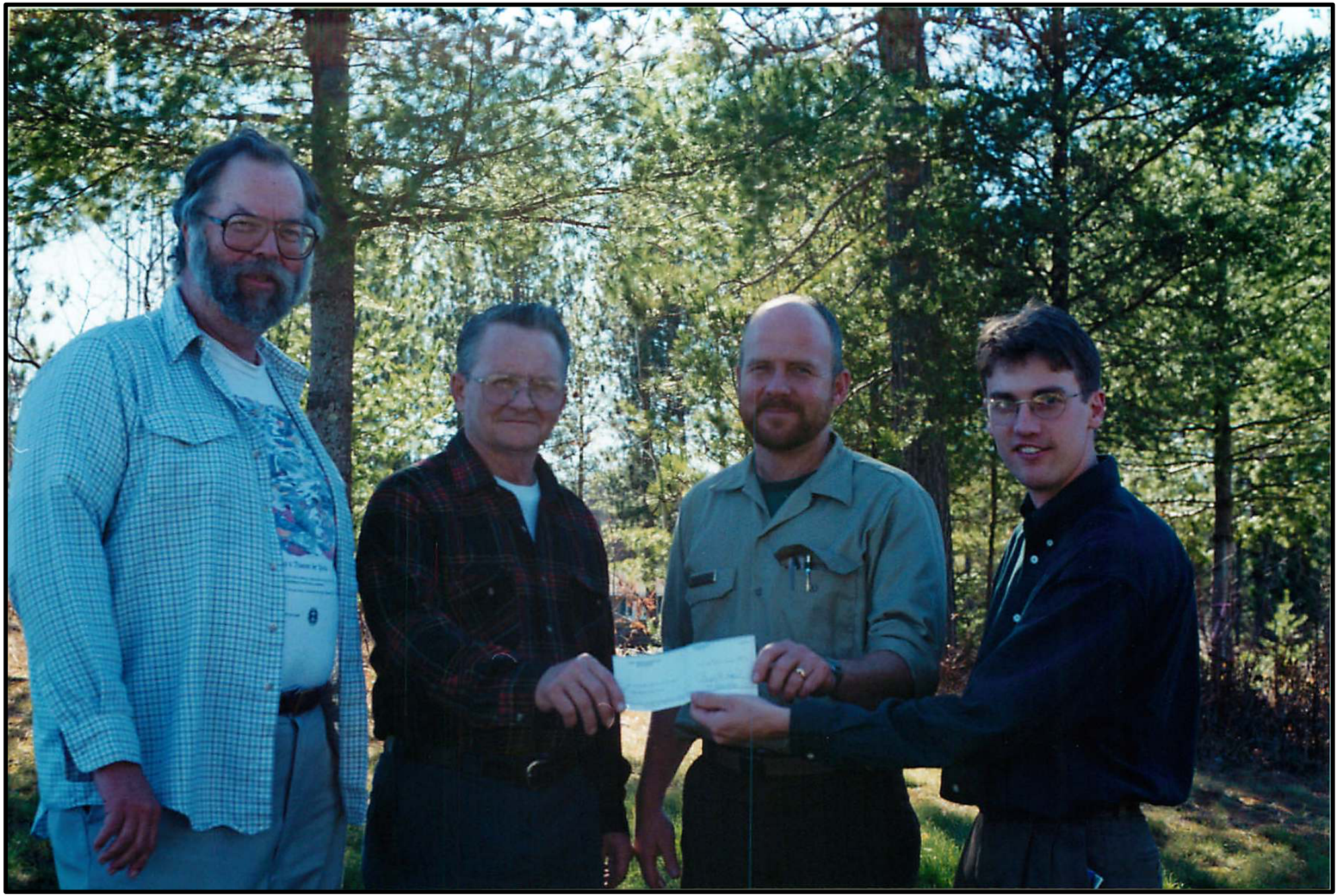
SAND COUNTY FOUNDATION

Some Engaged, Active Partners

- Wisconsin Electric
- Wisconsin DNR
- Governor
- US Army, US FWS, US FS
- Sand County Foundation
- The Nature Conservancy
- U-Wisconsin Stevens Point …

Dwindling Habitats and Species


RC-100



Done, Perspective

- Work relates to rare species
- Some ↑ more diverse habitats
- Some landscapes managed
- Economics favorable
- Monitoring abandoned
- Inspiring new landowners

↑Habitats,Species Richness

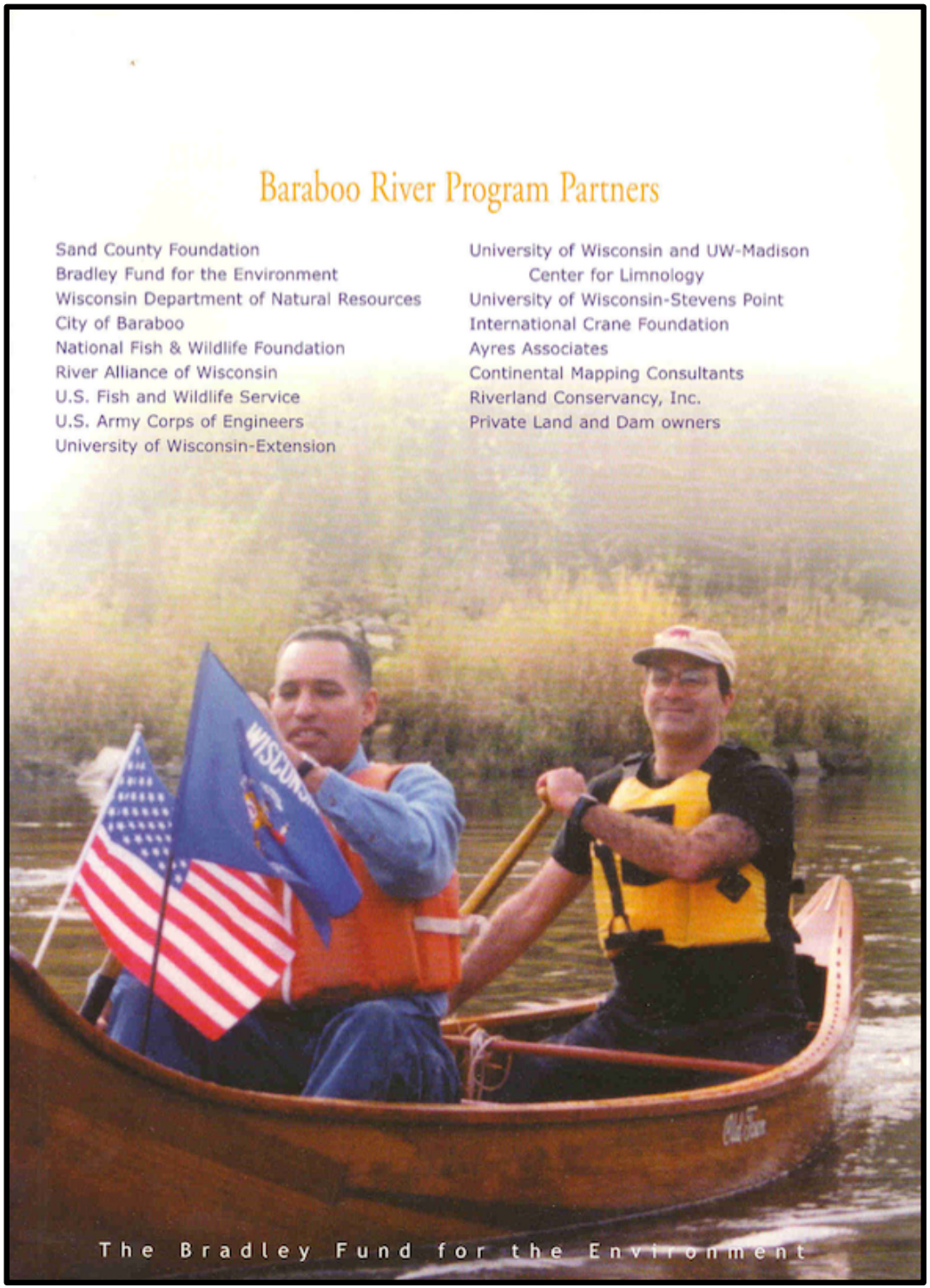
Lots of Active Partners

- City of Baraboo, River Alliance
- National Fish & Wildlife Foundation
- Sand County Foundation
- Governor
- Wisconsin DNR
- Wisconsin Power & Light
- US FWS
- U-WI Limnology, Purdue, many …


2 21 ' 1

Baraboo River Program Partners

Sand County Foundation
Bradley Fund for the Environment
Wisconsin Department of Natural Resources
City of Baraboo
National Fish & Wildlife Foundation
River Alliance of Wisconsin
U.S. Fish and Wildlife Service
U.S. Army Corps of Engineers
University of Wisconsin-Extension
University of Wisconsin and UW-Madison
Center for Limnology
University of Wisconsin-Stevens Point
International Crane Foundation
Ayres Associates
Continental Mapping Consultants
Riverland Conservancy, Inc.
Private Land and Dam owners



SAND COUNTY FOUNDATION

Done, Perspective

- ↑ Safety, water, fishery, economy, cost reduction
- Effort growing
- Awareness pollution from farms
- Partners live there
- Businesses, cities support
- Monitoring?
- ↑ Fishermen participation

↑Safety,Water,Fishery,Economy;↓Costs

Sand County Foundation Tanzania
Tanzania Natural Resource Forum

Legacy, Lessons

- Groups continue and grow
- Villagers better off
- Members Tanzania Parliament
- Trust still building
- Bridges too far
- People changing
- Misaligned aims
- Corruption – modest
- Approach has spread

↑Ownership,Ecotourism,Jobs

Partnership Failures

"Never walk away from failure. On the contrary, study it carefully-and imaginatively-for its hidden assets."
Michael Korda

Partnership Failures: Cautions

- Somewhat frank
- ≠ Roman á Clef
- No insinuation
- How SCF responded

Partnership Failures: Causes First Set

- Goals unclear – Why should we?
- Misaligned aims
- Unfamiliar people
- Distance – cultural
- Distance - geographic
- Competition $, not cooperation
- ”Catastrophism”
- Not crediting others

Partnership Failures: Causes Second Set

- Process rejected
- Inadequate buy-in
- Meetings not run well
- Damage done to public agencies
- Too big, unwieldy, would be better as a coalition?
- Corruption
- Too much money in the project, little to no innovation

Lepidoptera on Forestry Commission Land in England

- ↑"Conservation Strategy '07-17"
- ↑ Relationships
- Monitoring – butterfly people
- Management, sales - forestry
- "favorable conservation status for the butterflies, moths identified"

Much for inspiration, learning