A Growing Dilemma: The Future of Food

Can Functioning Ecosystems & Agriculture Coexist?

Jeb Barzen, Director of Field Ecology, the International Crane Foundation

Chuck Prellwitz, Board Member, National Initiative for Sustainable Agriculture

Alison Duff, Doctoral Candidate, Nelson Institute for Environmental Studies

Tony Thompson, Grower & Recipient of the Siehl Prize for Excellence in Agriculture
> 85% is privately owned

~ 90% of at-risk species exist on private land

57% of Wisconsin’s forested land is privately owned

44% of privately owned land is farmland

Wisconsin Department of Natural Resources 2002
University of Wisconsin – Stevens Point 2010
University of Wisconsin – Extension 2004
Complexity & Variation
Those who inhabited the "Willow Lake Farm" before us left their cookware, tools, butcher marked bones, and some artwork for us to ponder.
Hydrographical Basin of the Upper Mississippi River, Joseph Nicollet 1843
The top of the watershed: The South fork of the Watonwan River draining Northeast into the Minnesota River in Mankato and then the Mississippi River in Saint Paul, MN.
Modern controlled drainage being installed
<table>
<thead>
<tr>
<th>Drake</th>
<th>Hen</th>
<th>Weather Conditions</th>
<th>Other Comments</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>26°F at sunrise</td>
<td>Had several</td>
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<tr>
<td></td>
<td></td>
<td>NE wind 20-25 mph</td>
<td>large flocks</td>
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<tr>
<td></td>
<td></td>
<td>Cloudy</td>
<td>of geese and</td>
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<td></td>
<td></td>
<td></td>
<td>ducks feeding</td>
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<td></td>
<td></td>
<td></td>
<td>on Thompson's</td>
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<td></td>
<td></td>
<td></td>
<td>flock of 20+</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>mallards land</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>just outside</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>of the decoys</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>on E. Blind</td>
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<td></td>
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<td>0 shots</td>
</tr>
</tbody>
</table>
Chorus frogs are singing weekly. Western chorus frogs are singing weekly.

Calling song quoted is 11°F. BWT are abundant.

And rain @ 11°F. BWT are, abundant!

Simulated breach of barrier.

Herons. Simulated breach of barrier.

Herons. Simulated breach of barrier.

There is a trickle coming out.

Beware (but what) though. Fist in 18 was?

Date of record: 5/16/03

Charlotte Val ~ BIRDS/BIRDS/BIRDS

Was great it is amazing how
your birds and amphibians
were gone. I am so glad we
were on this walk. There are

me & CA Deals: there was
Lest you think our lives are all work and no play!
In Recognition of Habitat Restoration

Thompson Family
Wetland Restoration Project

Through a Partnership With

Minnesota Department of Natural Resources
Blue Earth River Basin Initiative
Fish Lake Association
Richardson Family
Smith Family
Turner Family
Willow Lake Farms

A RIVER FRIENDLY FARMER LIVES HERE
A Growing Dilemma: The Future of Food
All talks in **Biochemistry Room 1125** (420 Henry Mall)

**Tuesday February 12th**
**5:45 – 6:45 pm**

Can Functioning Ecosystems & Agriculture Coexist?

Dr. Howard-Yana Shapiro, Chief Agricultural Officer, Mars, Inc., Senior Fellow, College of Agriculture & Environmental Sciences, UC Davis & Distinguished Fellow, The World Agroforestry Centre

Dr. Elise Golan, Director of Sustainable Development, U.S.D.A., Chief Economist Office

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**Tuesday February 19th**
**5:45 – 6:45 pm**

*Reception to follow in Biochemistry Glass Atrium*

Valuing and Paying for Ecosystems in Food Systems.

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