



# NPSpecies Update

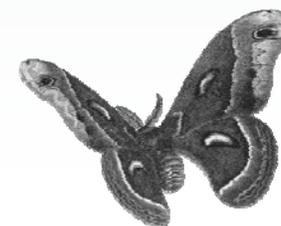
Alison Loar and Michelle Flenner

3/15/2011



## Agenda – Part I

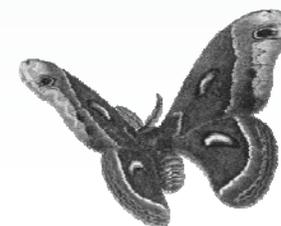
- NPSpecies
  - What is NPSpecies
  - Features Available
    - Now
    - Next Month
    - Later this Summer
  - Visibility of NPSpecies Data
  - Procedural Changes for NPSpecies 1.0 Retirement





## Agenda – Part 2

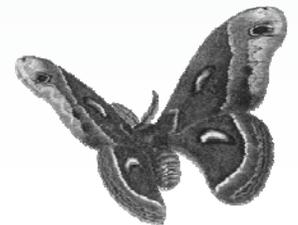
- Observation and Voucher Applications
  - Observation and Voucher 1.0
  - Observation and Voucher 2.0
  - Record Sensitivity and Visibility
  - New Data Structure
  - ICMS and the Voucher Application
  - Observation Quality Rating
  - Viewing and Linking to NPSpecies





## Agenda - Part 3

- Demo
- Feedback/Q&A
- Closing Remarks





## What is NPSpecies

- NPSpecies is the National Park Service's web-based application for documenting the occurrence and status of species in our national parks.
  - including abundance, breeding status, nativity and management concerns
- Scope Includes:
  - Park- Species Lists
  - Species Status Information
  - Quality Assurance Certification process





## NPSpecies 2.4 Features Available Now

- Park Species Lists
- Park- Species Profiles
- List of Units
- Species Richness Counts





## NPSpecies 3.0 Features Coming Next Month

- Adding a Species to a Species list
- Editing Park Status values
- View all previously Certified Species Lists for a park
- Latest Certified Species List available to the public





## NPSpecies 3.1 Features Coming Later This Summer

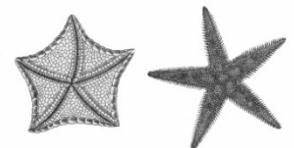
- Interface to manage users
- Point of Contact (POC) Lookup tool
- Quality Assurance (QA) Certification Filters
- Defining new QA Certifications
- Importing species list data from NPSpecies Access Desktop format





## Visibility of NPSpecies Data

- **Current Release (December)**
  - All reports visible to all NPS Domain users
- **Next Release (End of April)**
  - **Authenticated Users**
    - All reports will be also visible
    - Confidential species visible only to those with permission
  - **Unauthenticated Users**
    - Only Certified Species Lists will be visible, unless a list is not ready for public consumption





# Procedural Changes

- Importing NPSpecies Desktop Files
  - Add new vouchers and observations
- Enter changes to species lists directly into NPSpecies 3.0
- Adding/Changing Permissions
  - Continue to use NPSpecies Login Request Form
    - <http://www1.nrintra.nps.gov/im/inventory/npspecies/dataservices.cfm>
  - Michelle will add permissions for users
  - This summer an interface will be built for NPSpecies POCs to manage users' permissions





# Procedural Changes

- Re- Certifying Species Lists
  - On hold until July, then use portal NPSpecies
    - Will have QA Filters online with batch editing
  - Changing public accessibility
    - Existing certification – send to Michelle
    - New certification – on hold until July
- Protecting Confidential Species
  - Send Scientific Name to us anytime
  - Later this year there will be a process





## Agenda Part 2

- Observation and Voucher Applications
  - Observation and Voucher 1.0
  - Observation and Voucher 2.0
  - Record Sensitivity and Visibility
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# What are Observations and Vouchers

- Observation: An observation is subjective evidence (no physical proof taken) as to the identity and the location of an organism.
- Voucher: A voucher is physical evidence used to confirm identity and prove an organism was found in a particular location.





## Observation And Voucher 1.0

- Released in December.
- Search by unit and species OR by code.
- Not all data is visible.
  - Non- Sensitive and NPS On





## Observation and Voucher 2.0

- Will be read/write.
- Same search options.
- New fields visible in profile view.
- Edit one record at a time through profile.
- POC's will be able to submit files for upload through portal.
- Access inherited by NPSpecies 1.0.





## Record Visibility

- Three Sensitivity Ratings
  - Non- Sensitive was public
  - Privileged was NPS Only
  - Sensitive was Park Only and Sensitive
- Visibility of Records
  - Observation and Voucher Applications will only be visible to users with an NPS Domain account.
  - All users will see Non- Sensitive and Privileged records.
  - Access to reading Sensitive records will be given on a Park basis.





## Data Schema Changes



- Normalize Repository Names
- Allow entry of multiple observers, collectors, determiners and verifiers.
  - Save determination and verification dates with determiner and verifier names.
- Allow for entry of multiple Repositories for a voucher specimen.
  - Save catalog and accession numbers for each Repository entry.
- Built in flexibility to add new fields.



## ICMS/ANCS+

- Enter specimen data into ICMS first.
- Data from ICMS can be imported into the new Voucher database through our upload process.
  - Have a field to store ICMS unique catalog number.
- Working on creating an NPSpecies export template for ICMS data.





# Observation Quality Quantification

Event Information | Location Information | Record Information | **Quality Rating**

Documented Scientific Name:

▼ Quality Assessment

Observer Type:

Park Biologist     Researcher     Amateur Expert     Park Visitor

Observer Expertise:

Expert     Knowledgeable but not Expert     Beginner

Observation Method:

Trapped     Visual with Naked Eye     Roadside Observation     Animal Sign i.e. tracks or scat  
 Auditory     Visual with Binoculars or Scope     Road Kill     Sign of Animal Activity i.e. nest or dam  
 Visual and Auditory

Observer Confidence In Identification:

Very Confident     Confident     Some What Confident     Not Sure



# Viewing and Linking Evidence

- Link Voucher or Observation
  - Add Voucher or Observation
  - NPSpecies Park- Species Profile
    - Evidence Tab (find new voucher and link)
- Link Reference
  - Add Reference
    - Add Biological Taxa
    - Associate Unit
  - NPSpecies Park- Species Profile
    - Evidence Tab (find reference and link)



# Viewing and Linking Evidence

Park–Species Profile  
for an owl in CRLA

Taxonomy | Park Classification | Park Status | Record Information | Evidence

Evidence Type: Vouchers  
Observations  
Reference

▲ Get Help Linking Vouchers to NPSpecies

Vouchers that are linked to NPSpecies have a checkmark in the Linked to Profile box. Those that are not yet linked do not have their Linked to Profile checkmarked. To link a voucher to NPSpecies the voucher must already be entered into the Voucher Application. The voucher must have this species linked to this unit. To link to a voucher, check the Linked to Profile box. To remove a link to a voucher uncheck the Linked to Profile checkbox. This does not delete the voucher. To Add a New Voucher, click on the Add a New Voucher button. Changes to this table will not take affect until this Park-Species Profile edits have been submitted.

Vouchers for *Strix occidentalis* in Crater Lake National Park (CRLA)

Linked to Profile	Code	Voucher Date	Steward/Repository	SpecimenID	Type	In Park Boundary
<input checked="" type="checkbox"/>	<a href="#">85357</a>	08/15/1998	Crater Lake Park Museum; HQ	CRLA 28060	Specimen	Unknown
<input checked="" type="checkbox"/>	<a href="#">85358</a>	08/15/1998	Crater Lake Park Museum; HQ	CRLA 28062	Specimen	Unknown
<input checked="" type="checkbox"/>	<a href="#">85359</a>	08/15/1998	Crater Lake Park Museum; HQ	CRLA 28065	Specimen	Unknown
<input checked="" type="checkbox"/>	<a href="#">85350</a>	08/15/1998	Crater Lake Park Museum; HQ	CRLA 28075	Specimen	Unknown
<input type="checkbox"/>	<a href="#">153571</a>	08/15/1999	Crater Lake Park Museum; HQ	CRLA 83190	Specimen	Unknown
<input checked="" type="checkbox"/>	<a href="#">153572</a>	08/15/2001	Crater Lake Park Museum; HQ	CRLA 83192	Specimen	Unknown
<input type="checkbox"/>	<a href="#">153573</a>	08/15/2003	Crater Lake Park Museum; HQ	CRLA 83193	Specimen	Unknown
<input type="checkbox"/>	<a href="#">153574</a>	08/15/2005	Crater Lake Park Museum; HQ	CRLA 83194	Specimen	Unknown

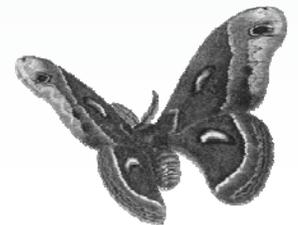
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[Add New Voucher](#)



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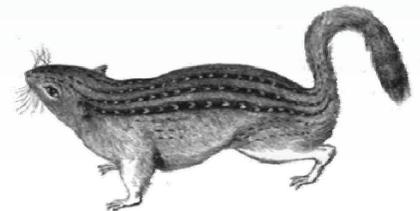
# Demo of NPSpecies 3.0

- Coming in April



# Feedback/Questions?

- NPSpecies Sharepoint Surveys
  - Help Set Priorities for Development
    - <http://nrpcsharepoint/irma/Lists/NPSpecies%20Priorities%2020112012/overview.aspx>
  - Provide Feedback on Questions We Have
    - <http://nrpcsharepoint/irma/Lists/NPSpecies%20User%20Feedback/overview.aspx>
- Observations/Vouchers
  - New fields needed
- Match List
  - If you could add a list, what would it be?
- Taxonomy
  - ?





## Closing Remarks

- Posters
  - Reception 6:30- 7:30pm tonight
    - NPSpecies Data Schema
    - Vouchers/Observations Data Schema
- Data Mgt Open house session
  - Thurs 1:30- 6:05pm (Oakley 4<sup>th</sup> floor)
    - We can give demos or answer questions
    - You can provide us with feedback
    - Use NRInfo Portal on your own





## Closing Remarks

- Recorded Webinars

<http://nrpcsharepoint/irma/Webinars/Forms/AllItems.aspx>

- 2011- 02- 02 11.59 NRInfo Portal overview and an introduction to searching for data
- NPSpeciesWhatsNew\_01262011
- NPSpeciesBasics\_09152010





## Closing Remarks

- NPSpecies Contact Information:  
[Alison Loar@nps.gov](mailto:Alison.Loar@nps.gov) 970- 267- 2112  
[Michelle Flenner@contractor.nps.gov](mailto:Michelle.Flenner@contractor.nps.gov) 970- 267- 2129
- NPSpecies Portal Announcements:  
<http://www1.nrintra.nps.gov/im/inventory/npspecies/NPSPPNRInfo.cfm>
- Portal Location: <https://nrinfo.nps.gov>
- Portal Feedback: [nrinfo\\_feedback@nps.gov](mailto:nrinfo_feedback@nps.gov)

