Advanced Collection Management with IrisBG
Difficult Stuff Made Possible

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IrisBG
Botanical Garden Collection Management

Cultivate: Creative Nature

The Dawes Arboretum
“Linnaeus' driving purpose was to bring order out of chaos in the living world.”

E. O. Wilson.
Agenda

- Introduction
- Simple example gone wild
  - Identification, label printing, nomenclature
- Managing Nomenclature
- Using and Sharing your data
  - Reports, GIS, Export, Multi Lingual
- Managing Digital Assets
- Data import
Passion AND Skills

Software Engineering

Botany
The Complete Software Solution
Usability

For geeks only, Not!

Advanced after a few months, not years

Productive from day one
What are the challenges we have as record keepers and collection managers?
A simple example…
Recording one accession

- Re-identification
- Label Printing
  - Label design
- Managing Nomenclature I
Name centric / Taxon centric

- Iris domestica
- Belamcanda chinensis
- Moraea chinensis
- Ixia chinensis
- Epidendrum domesticum
- Vanilla domestica
- Ferraria crocea
- Gemmingia chinensis
- Pardanthus nepalensis

Leopard lily
Managing Nomenclature

- Checking names
- Hybrids
- Taxonomic ranks
- Common names
Using and sharing your data

- When advanced search is not advanced enough
- Producing numbers on the fly
- History lesson - What did we grow here?
- Sharing other data
- Reaching out to a larger audience
Importing data

- 2 examples
Managing Digital Assets
Managing Digital Assets

Image Management and record keeping policy

- What to keep?
- What to discard?
- How to store?
  - Data Formats
  - Quality
  - Storage Medium
- How to use the images?
Digital Asset Management

1. Store original images in your Collection Management Systems.
   a) Manual workflow with CMS
   b) Integrated workflow with CMS
Capture & Store

SI DAMS

Sync Images + image meta

IrisBG

Sync Ranking + Meta Data

Garden Explorer Website

Validate

Publish

SI Collection Search
Summary

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Questions
Thank you

Greg Payton

Havard Ostgaard