Terminology / Fundamentals.
Navigation, screen layout and basic operations.
Searching for records – basic and advanced search.
Adding and updating records.
Introduction to reports and maps.
Printing and managing labels
Events
Garden Explorer
Mobile Plant Records
Using integrated help, video tutorials and online forum.
Passion AND Skills

- Software Engineering
- Botany
The Complete Software Solution

Record Keeper
Usability

For geeks only, Not!

Advanced after a few months, not years

Productive from day one
Main data model + Terminology

- Institutions
- Collections
- Localities
- Accessions
- Locations
- Items (i.e. plants)
- Taxa
- Taxon names
Main data model + Terminology

Biological material coming from the same genetic source (or taxon\(^1\)), received at the same time.

A group of organisms seen by taxonomists to form a unit.

Accessioned plant material of a given type (Living/Preserved) that is found in one location.
Name centric / Taxon centric

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

Leopard lily
Getting started

- Logging in
- Navigating between the screens
- Screen layout
- Changing toolbar size
Searching for data

Searching in Accession screen

1. Basic search
2. Combining search fields
3. Advanced search

1. Search for Rhododendrons
2. Search for wild collected Rhododendrons
Three Screen Types

1. **List Screen**
   *All data presented in one list*

2. **Data List Screen**
   *Data presented in list with record details on the right*

3. **Data View Screen**
   *List of data presented in separate screen.*
Exercise

“Acc. Item Status”

- Change “Dead” to “Dead – Natural cause”
- Add “Dead – Horticultural cause”
Exercise

"Contacts"

- Add Ref.Person “L. Caddy” to Devonian Botanic Garden
- Add “Smithsonian Gardens”, Code “SI”
- Delete Duplicate entry - “XI’AN CITY”
Updating records in a Data View Screen
Updating an Accession - Exercise

- Accession 2011-4 (Trillium simile)
  - Change Contact to Smithsonian Gardens
- Accession item 2011-4/1 (planting)
  - Change status = Planted
  - Location Herb Garden, The Grove
  - Number of specimens = grp
  - Date = Today

- Add a second item
  - Rock Garden, Bed 22
  - Status = Planted
  - Date = Today
Recording a new Accession - Exercise

- Taxon Name: Aconitum compactum
- Contact: Chelsea Physic Garden
- Provenance: Garden
- Material: Living, No.spec = 3
- Accession items
  - Date 08/2016
  - 2 plants are in nursery (NU1)
  - 1 plant in Rock Garden, Bed 55
  - Map the exact coordinates for the plant in the garden
Using reports and maps

1. Accession report
2. Accession items report
3. Creating local maps
4. Creating global maps

1. Obj01 Accession catalogue:
   Provenance=Wild, Item Status Type = Existing, Family = Ranunculaceae
2. Item02 Items data: Genus “Begins with” Rhod.
3. Items map: Item Location code: begins with “ARB”. Save filter
4. Accessions map: Subclass = Magnoliidae
Receiving new plant material - Exercise

- Phragmipedium boissierianum
  - New Taxon
  - Web Search
  - Web References
  - Add synonym (Cypripedium grandiflorum)
- Wild collected (Ecuador, Loja)
  - Collector: Linc Abrahams, Collection Date 2015.03.01
- From US Botanic Garden, received date 2015.08.01
- Restrictions: Do not publish nor share
- Images: Add 2 images
- References: Permit - Material Transfer Agreement.
- Accession items
  - 2 plants in nursery / August, 2015
- After Save, record another accession with 2 plants from same trip – “Phragmipedium fischeri”
Printing and managing labels

- Label Status. Label type M1 / Label required.
- Label inventory. Require label “Small size”
  - 2006-4086
  - 2007-3039
  - 2007-3122
  - 2007-3150
  - 2007-3161
  - 2007-3190
  - 2007-3199
  - 2007-3216
  - 2008-3007
  - 2008-3008
We are preparing an exhibition of wild collected Rhododendrons.

Events / Tasks
- Create a task of all existing wild collected Rhododendrons.

Item Management
- Update all plants as “inventoried”.
- Produce labels for the plants.

Discussion - how common names are handled in IrisBG
- Create a Map of the plants, export the map.
Tasks & Item Management – Exercise II

- Create a task / spring pruning 2015.
- Add all evergreen and deciduous shrubs.
- Mark task as complete
- Now, let us prepare for next year (click repeat).
- Change name to spring pruning 2016.
Garden Explorer
IrisBG Handheld for Android
And Apple IOS
How to get Help

- Integrated help
- www.irisbg.com
  - Support/Video Tutorials
  - Support/User Forum
- Blog
- Downloads
  - User Guides
- support@irisbg.com
  - Telephone with Screen sharing
- Facebook
- Youtube
Summary

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Questions?
Thank you