

# Group Map Review: Updating v0.9 to v1.0

## Overview

This PowerPoint provides a brief overview of the following:

### A. Accessing the tools (slide 2):

- **Excel workbook** Tabs for tracking info in B and C below.
- **Group Map Review Tool:** The tool to use to propose any edits to Group map distribution.
- **AGOL / ArcGIS:** Ability to work with the spatial data using AGOL or your own ArcGIS environment.

### B. Possible Workflows for Group Map Review

- Options for organizing your review (Slide 3)
- Your very own subnation/jurisdiction tab (Slide 4)

### C. PDF map and ecoregional/jurisdiction info for each mapped Group

- High-resolution pdf range maps based on the mapped 30-meter pixel distribution of each Group (Slide 5)
- Tabular info of the acreage of each group by CEC ecoregion (= Omernik Level 3 in US) and subnation (Slide 6)

### D. IVC Distribution QAQC by subnation/jurisdiction

- IVC hierarchy for reference AND for QC'ing types' distribution in your subnation / jurisdiction (Slide 7)

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## A. The Tools: Excel, PDFs of Group Range Maps, Group Map Review Tool

### Accessing the Excel workbook via map review tool:

Link to Excel workbook accessed in landing page of [online Group Map Review Tool](#), in **step 4**.  
For OneDrive file access assistance, contact [mary\\_harkness@natureserve.org](mailto:mary_harkness@natureserve.org)

### Editing the Group maps

All edits to the group maps can be provided using the [online Group Map Review Tool](#).  
For assistance with the **Group map Review tool** contact:  
[Kevin\\_Knight@natureserve.org](mailto:Kevin_Knight@natureserve.org)

### Workflow Options: AGOL or ARCGIS Pro

The tools and the workflow can be conducted in your own ArcGIS Pro or your own AGOL account

- [Kevin\\_Knight@natureserve.org](mailto:Kevin_Knight@natureserve.org) can also provide access to the spatial data layers visible in the online Group Map Review Tool, so you can manipulate them in your own ArcGIS Pro.

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## B. Possible Workflows

### EXCEL WORKBOOK WORKFLOW

#### 1. Organize your review using your Subnation tracking tab in Excel [See slide 4 for details]

- Track review status as you complete review of each Group's range map.

#### 2. Review the Groups' pdf maps in detail [see slides 5,6 for details]

- Use the high-resolution pdf maps (see slide 5) and additional ecoregional/jurisdictional info in spreadsheet (see slide 6) to check each Group's range and identify whether range revisions are needed.
- If revisions are needed and feasible in short term, go to **Group Map Review Tool** (#3 below). If needed, but not feasible in short term, select post 1.0 revision.

#### 3. Use online Group Map Review Tool to record requested edits

- Draw polygons to specify where Group X should be mapped instead as Group Y or Unknown, and specify any condition (e.g., elevation threshold)

### GROUP MAP REVIEW TOOL WORKFLOW

#### 1. Organize your review by filtering on your subnation for list of Groups

- Track review status in your subnation's EXCEL tab as you complete review of each Group's range map.

#### 2. Review the Groups' pdf maps in detail

- Use the high-resolution pdf maps to check each Group's range and identify whether range revisions are needed.
- If revisions are needed and feasible in short term, go to **Group Map Review Tool** (#3 below). If needed but not feasible, indicate post 1.0 revisions.

#### 3. Use online Group Map Review Tool to record requested edits

- Draw polygons to specify where Group X should be mapped instead as Group Y or Unknown, and specify any condition (e.g., elevation threshold)

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## B. Tracking Your Review of Group Range Maps

### SUBNATION / JURISDICTION REVIEW TRACKING in Excel workbook

#### Subnation / Jurisdiction tabs:

- Can use these to organize your review of Group range maps in your jurisdiction
  - by Group's total area in your jurisdiction
  - in relation to related Groups in the same Macrogroup or Division
- Please track the status of your review of each Group range map, recording
  - Your name (reviewer name)
  - Whether the Group range map is ready or needs edits, either for v1.0 or later (v1.0 Map Status)
  - Whether you've completed your review of this Group's range map (Map Review Status)
  - Optionally, any general comments on this Group's range map

See **README\_Subnats** tab for further guidance

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## C. PDFs of Group Range Maps

### PDF MAPS OF EACH GROUP'S GEOGRAPHIC RANGE, by hex:

Range maps for each Group, using 7 square mile hexagons, reflecting density of 30-meter pixels of the Group within each hexagon

### Accessing the Group range maps:

- via online map review tool, under **Supporting Materials** - either under **Find the Group Codes**, or below under **Download Range-wide Hex Maps**
- via links in supporting Excel workbook on OneDrive, **IVC\_CAN-US-MX\_hierarchy\_GrpMapV0.9+Classif-Review.xlsm**
- directly on NatureServe's transfer site, under <https://transfer.natureserve.org/download/365-day-download/IVC%20Group%20pdfs/>

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## C. Mapped Extents of Groups by Ecoregions, Jurisdictions

### MAPPED EXTENT (area) of GROUPS by:

- **Level 3 CEC Ecoregions:** total area of mapped Group extent **within** CEC L3 ecoregions (CEC L3 ecoregions are available for Canada, US, and Mexico. In US = Omernik/EPA L3).
- **Subnations / Jurisdictions:** total area of mapped Group extent **within** jurisdictions

### List of ARCHIVED Groups:

- Groups that have been mapped in the current IVC Group map (v0.9\*) but have since been merged or split into NEW Groups that are NOT yet mapped

See [\\_README\\_Supporting](#) for more details

# Group Map Review and the IVC

## D. Excel Workbook: IVC Biotics QAQC

The Excel workbook also contains important information on distribution of IVC types at all levels (Biome to Plant Community) for each subnation/jurisdiction in Canada, U.S. and Mexico.

Filter on your subnation/jurisdiction on Hierarchy tab and QAQC list of types.

IVC Hierarchy tab:

1. **QC Subnational Distribution.** QAQC and, as needed, request needed updates to types' distribution for your subnation with columns for tracking Biotics edits to subnation/jurisdiction distributions.
2. **Type Concept Comment.** Provide comments on any type concept that you feel needs more clarity.

\_README\_Hier tab for guidance