

User's Guide for Tree Inventory Web Site

GIS/IS, City of Richardson

Ver. 0.2

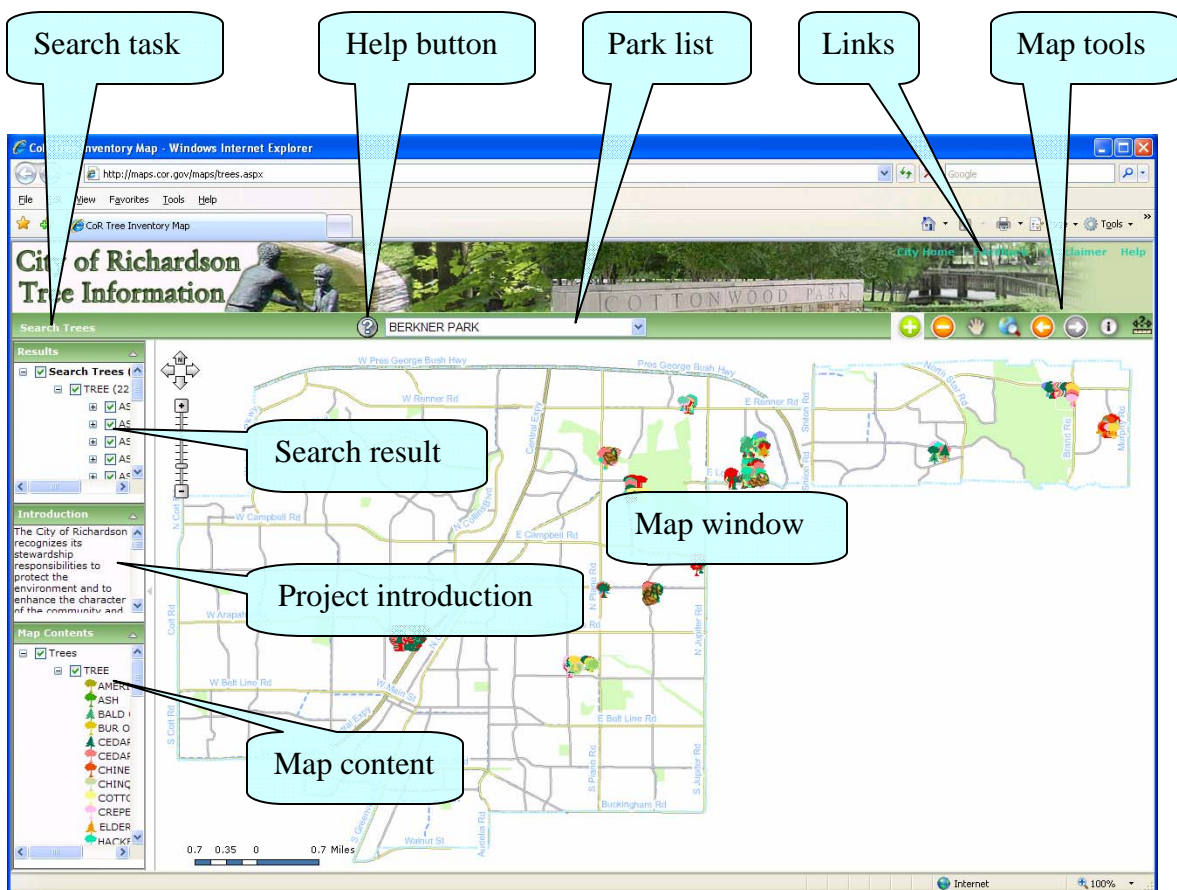
October 7th, 2008

1. How to access?

For public: <http://maps.cor.gov/maps/trees.aspx>

For internal: <http://pan/maps/park.aspx>















2. Introduction to the components of the web page.



Component	Description
Map window	For map displaying. With map navigate tool and zoom level control on the upper left and scale bar on the lower left.
Map tools	Invoke map operation functions like zoom-in, zoom-out, pan, full extent, identify, measuring etc.
Links	Linkages including go to City homepage, give your feedback, disclaimer and detailed map operation help.

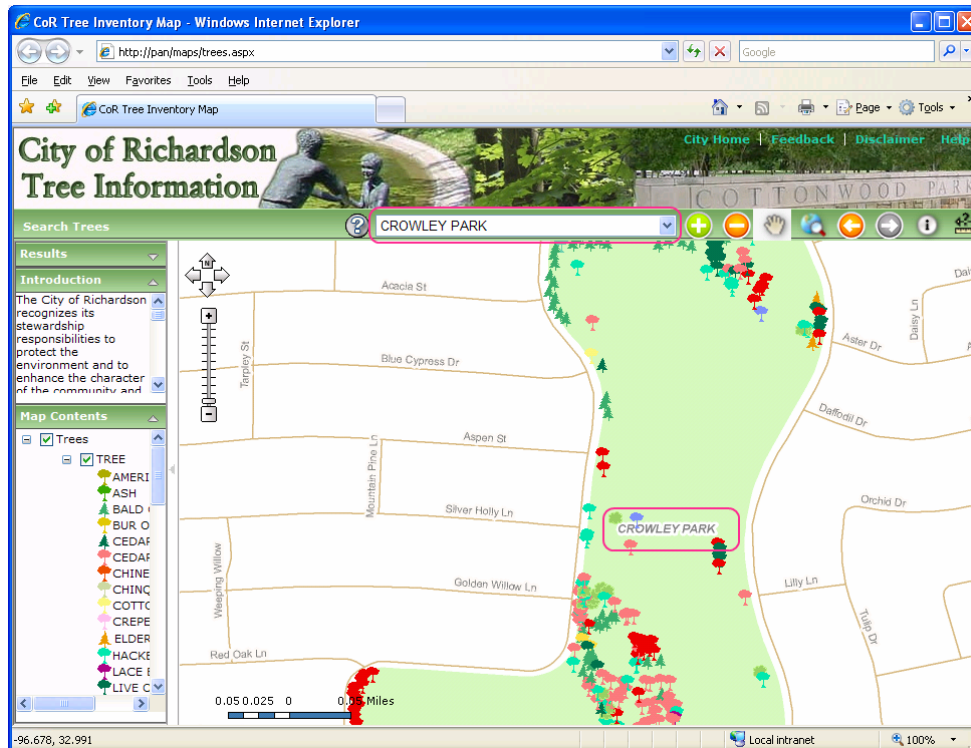
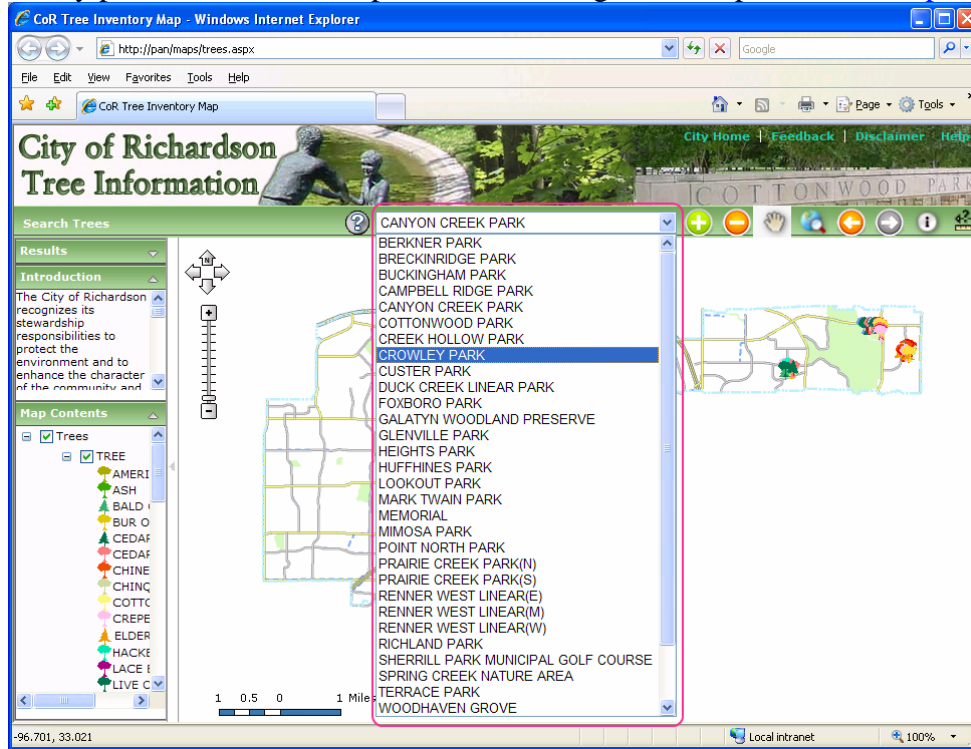
Park list	A list of parks within City of Richardson, click on any park name to navigate to the park on map window
Help button	Click to view/hide a short list on explaining the function of controls
Search task	Invoke search trees function
Search result	A panel holds the result from search task, initially folded
Project introduction	A panel holds a brief introduction to the tree inventory project
Map content	A panel contains a list of data layers. By check/uncheck the checkbox next to layer or layers group name to turn on/off the data layer(s).

3. Controls and functions

 Zoom into area	Click this button then click or drag a box on the map window to perform a zoom-in operation
 Zoom out to area	Click this button then click or drag a box on the map window to perform a zoom-out operation
 Drag the map	Click this button then drag within the map window
 Full extent	Click this button, the map window displays full map
 Back to previous extent	Click this button to go back to previous extent, unavailable if it's gray
 Go to next stored extent	Only available if clicked previous button
 Identify objects	Click this button then click on any objects on the map window to find the attributes of the objects
 Measure tool	Popup window with options to measure location by click, distance by draw lines and area by draw polygon
 Zoom level	Which is related with the map scales, click + button for larger scale, - button on the contrary. Slider allows dragging for specific scales.
 Navigate tool	Click on each arrow to pan to indicated direction. Press on the arrow for continuous moving the map.
 Hide sidebar	In the middle to the right of map window , toggle the visibility of the panels on the left
 Show sidebar	
 Hide panel content	On the top right of each panel, toggle to hide/show the content of each panel.
 Show panel content	

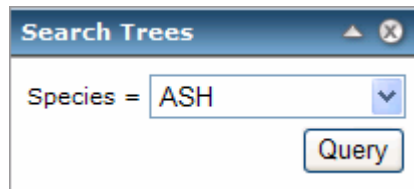
4. Shortcut to parks

Click any park name on the dropdownlist to navigate to the park on the [map window](#).

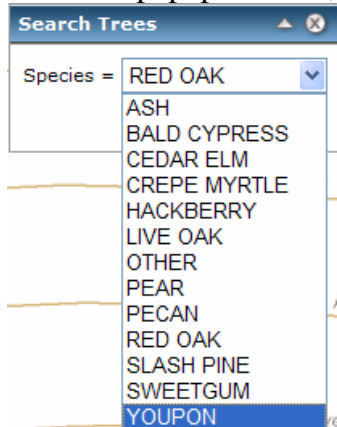


5. Search trees

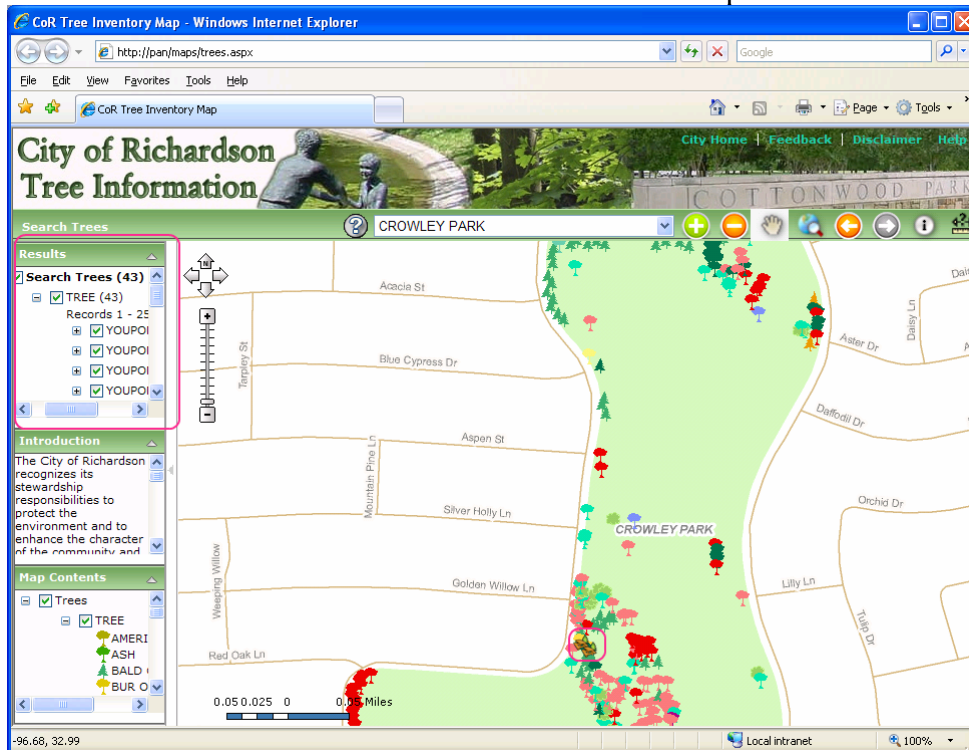
- click “[search trees](#)” to the left on the top of [map window](#), a popup window will show



- In the popup window, select species name and click [query](#) button

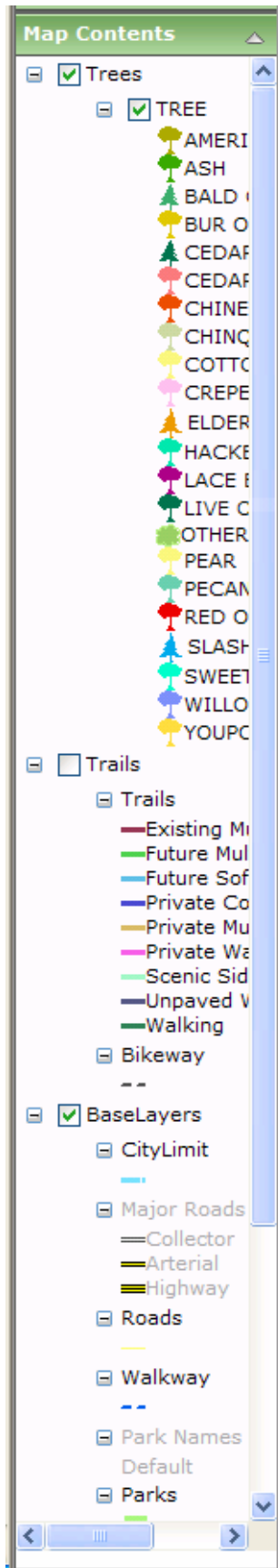


- search results are shown both as a list in the [Results](#) panel and icons on map



- For detailed tree information, expand the list or click the icons (note: turn off the Tree data layer to have a better display on the map for the search results. See below to find out how to turn off data layers.)


6. Toggle the visibility of layers



The data layers, as well as the legend for each data layer, are shown in the [Map Contents](#) panel. There are several data layers on the map, such as roads, parks, City limit, County line, aerial photo, streams, trails, and of course trees. And data layers are organized as layers group.

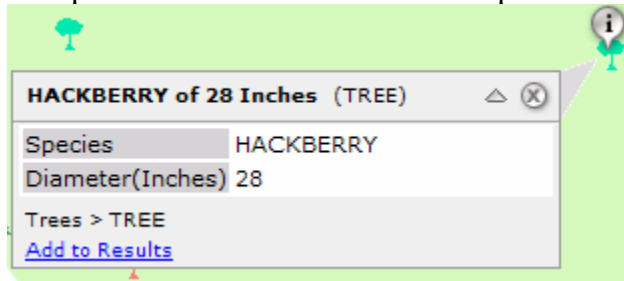
- Use the [scrollbar](#) on the right and the bottom of the [Map Contents](#) panel to explore the content.
- Toggle the visibility of layers or layers group by check/uncheck the checkbox next to their names.
- Click the node of the list to fold/unfold data layer or layers group.

7. get detailed information of trees by Identify tool

- Click **Identify tool**  on the **toolbar**, top right to the **map window**.
- Click on any tree icons on the map, after a short while, a popup window will be shown, and an (i) icon will be placed on top of the location just clicked.



- Click the dropdownlist in the popup window. If there are multiple objects within identify range, a list of objects name will be shown. Click an object name to see its attributes.
- Click the **expand button** in the popup window to view the detailed information of current object. The popup window will keep expanded for next Identify operation if the current status is expanded.



- Click **close button** to dismiss the popup window.