



California Department of Fish and Wildlife CNDDDB QuickView Tool in BIOS User Guide



California Department of Fish and Wildlife
California Natural Diversity Database
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The CNDDDB QuickView Tool in BIOS is a free tool that provides the user with access to basic [California Natural Diversity Database](#) (CNDDDB) and [Spotted Owl Observations Database](#) (SPOWDB) information at the USGS 7.5’ topographic quad and county level. A subscription is required to obtain the full, detailed information available in the CNDDDB and the SPOWDB, which is managed under the CNDDDB Program as a separate database due to data needs specific to spotted owls. Data within the CNDDDB QuickView Tool cannot be substituted for pre-project review or on-site surveys.

The CNDDDB QuickView Tool provides the user with a list of all CNDDDB-tracked elements (taxa, including spotted owl, or natural communities) that have been documented by the CNDDDB and the SPOWDB to occur on a particular USGS 7.5’ topographic quad or county. This tool provides the same information as the CNDDDB’s former “Quick Viewer” but has been updated to work within BIOS.

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Purpose of the CNDDDB QuickView Tool

The CNDDDB QuickView Tool is a free tool used to generate lists of CNDDDB-tracked elements that occur within particular quad(s) and/or counties within California. The CNDDDB QuickView Tool serves several functions:

1. It provides users with information on which CNDDDB-tracked elements are known from within a particular area in California.
2. It provides users with a way to query the CNDDDB to see if there is any unprocessed CNDDDB data for a particular quad or county.
3. It has a 9 Quad search function which is often used to create a list of potential CNDDDB-tracked elements that one may encounter in an area. When this tool is used to generate a potential species list for pre-project review, it is important to note that a detailed biological survey must still be performed.
4. It provides users with information on California Rare Plant Rank (CRPR) 3 and 4 taxa. Information on CRPR 3 and 4 taxa is entered into the CNDDDB at the quad and county level only. This CRPR 3 and 4 information is only available to users through the CNDDDB QuickView Tool.
5. It allows users to view CNDDDB quad-level data for any selected CNDDDB-tracked element, including spotted owls.

Definitions of Mapped and Unprocessed Data

The CNDDDB QuickView Tool returns quad and/or county information for CNDDDB data that is either **Mapped**, **Unprocessed**, or **Mapped and Unprocessed**. These terms are defined below in relation to CNDDDB data.

Mapped Data

Mapped data is data that has been evaluated by a CNDDDB Program biologist and has been incorporated into the CNDDDB occurrence database, or the SPOWDB, and their respective GIS.

Quads with spotted owl records will only be listed as Mapped. QuickView users may inquire with the [SPOWDB manager](#) as to whether unmapped data is available.

Unprocessed Data

Unprocessed CNDDDB data is data that has been submitted to the CNDDDB but has not yet been entered into the CNDDDB occurrence database and GIS. A bibliographic record has been created for this data with quad and county information but a thorough review of the information has not yet been conducted. Unprocessed records should be used with caution as they have not been quality controlled. These data will eventually be reviewed by a CNDDDB Program biologist and incorporated into the CNDDDB occurrence database and GIS if appropriate.

Mapped and Unprocessed Data

If an element is returned with a "Data Status" of Mapped and Unprocessed, it means that for the particular quad or county in question, the CNDDDB has both mapped occurrences as well as unprocessed data in our database.

Launching the CNDDDB QuickView Tool in BIOS

For the best performance, we recommend that you use either the Firefox or Chrome web browsers. The CNDDDB QuickView Tool can be accessed two ways. The easiest way to access the CNDDDB QuickView Tool is to launch it from the [CNDDDB Maps & Data web page](#) by clicking on the CNDDDB QuickView Tool tab and then clicking on the "CNDDDB QuickView Tool in BIOS" link. This will open a new window for BIOS with the CNDDDB QuickView Tool already active.

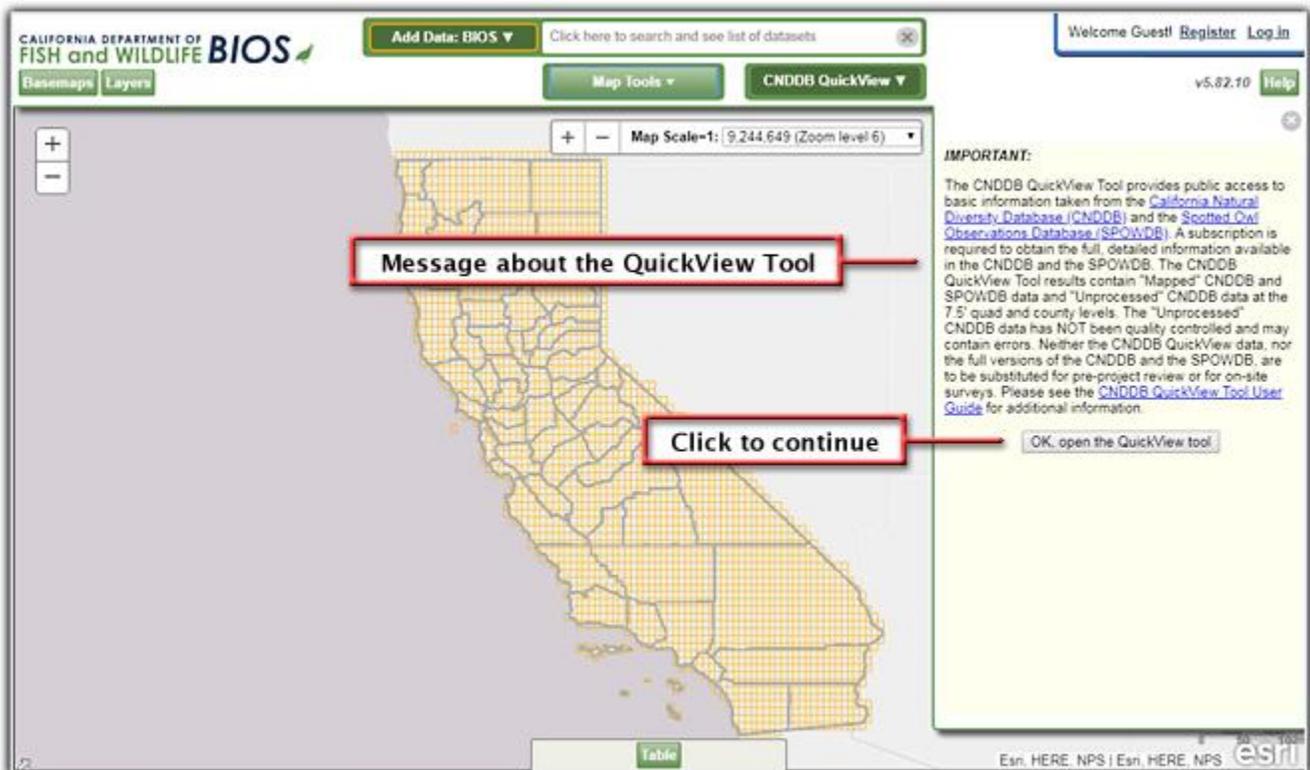
The screenshot shows the California Department of Fish and Wildlife website. The main heading is "CNDDDB Maps and Data". Below this, there is a paragraph explaining the CNDDDB components. A red box highlights the text "All uses of data from the CNDDDB are subject to the terms and conditions contained in our [PDF] document for information on using the CNDDDB data." with a red arrow pointing to a red box labeled "CNDDDB QuickView Tool tab". Below this, there is a navigation bar with tabs: "RareFind 5", "CNDDDB in BIOS", "Monthly Data Updates", and "CNDDDB QuickView Tool". The "CNDDDB QuickView Tool" tab is selected. Below the navigation bar, there is a section titled "CNDDDB QuickView Tool" with a paragraph describing the tool. A red box highlights the text "The CNDDDB QuickView Tool is useful for:" with a red arrow pointing to a red box labeled "CNDDDB QuickView Tool in BIOS link". Below this, there is a list of bullet points: "Producing simple species lists by quad or county.", "Performing 9 quad searches with one click.", "Viewing quad data by species.", "Determining if a species is in a quad (unprocessed data has not been reviewed by the CNDDDB for accuracy).", and "Querying for California Rare Plant Rank 3 and 4 plant species." Below the list, there is a blue button labeled "CNDDDB QuickView Tool in BIOS". To the right of the button, there is a paragraph: "Free. The CNDDDB QuickView Tool is accessed in the BIOS Viewer. The tool provides access to the CNDDDB and the SPOWDB data at the 7.5' Quadrangle and County level. For". On the right side of the page, there is a section titled "California Natural Diversity Database" with a list of links: "About the CNDDDB", "CNDDDB News", "CNDDDB QuickView Tool", "CNDDDB and Spotted Owl Data Viewer", "RareFind", "Submitting Data", "CNDDDB Tutorials and Training", and "Monthly Data Updates". Below this, there is a section titled "Related Information" with a list of links: "CDFW Native Plant Program", "Fully Protected Animals", and "Species of Special Concern".

Alternatively, if you already have BIOS open, you can access the CNDDDB QuickView Tool by clicking on the Advanced Tools tab and navigating to the CNDDDB QuickView button.



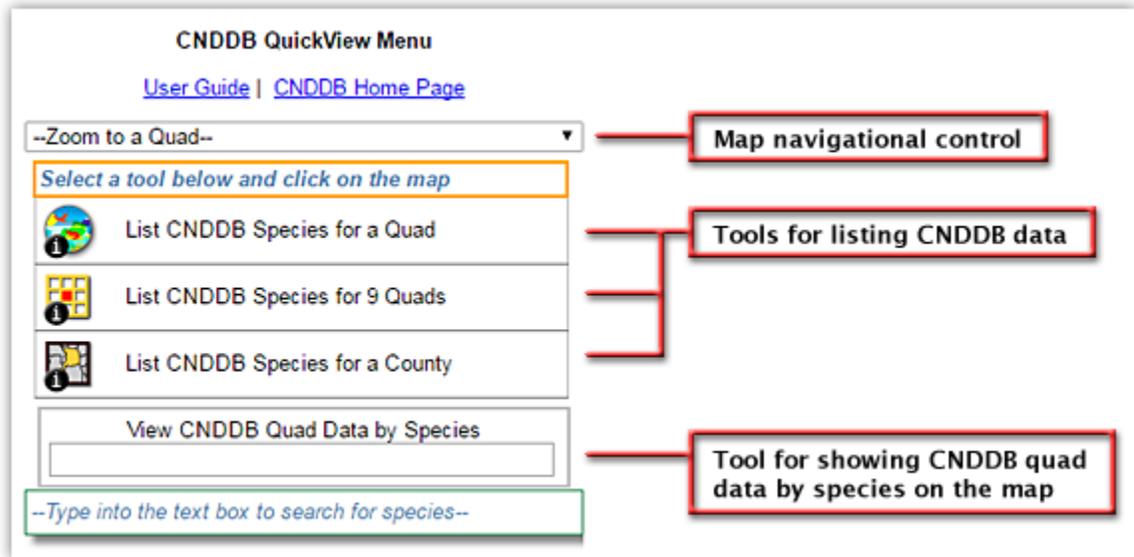
Initial CNDDDB QuickView Tool Screen

When you first open the CNDDDB QuickView Tool in BIOS, an important message will appear on the right-hand side of the screen. Please read this message before clicking "OK, open the CNDDDB QuickView Tool." You can then begin querying using the CNDDDB QuickView Tool. It is important to understand the limitations of this tool which is why this screen appears at initial log-in; please take the time to review this screen to understand the limitations of the tool you are about to use.



CNDDDB QuickView Tool Menu

To zoom to a particular area in California, you can use the “Zoom to a Quad” picklist or use the BIOS data viewer’s zoom and pan capabilities to locate your area of interest. For general information on how to use the BIOS data viewer, please see our [BIOS User Guide](#). The four CNDDDB QuickView Tool query options are further discussed below.



List CNDDDB Species for a Quad

This tool allows you to view a list of CNDDDB-tracked elements present on the selected quad. Click on this tool and then click on the desired quad on the map. At the bottom of the page, a list will be generated that contains CNDDDB-tracked elements for which there is CNDDDB information on that quad.

The image shows the 'CNDDDB QuickView Menu' interface with a map and a results table. The map displays various quads, with 'ADIN PASS' highlighted in orange and labeled as the 'Selected quad'. The 'List CNDDDB Species for a Quad' tool is highlighted in yellow and labeled as the 'Active tool'. Below the map, a table titled 'CNDDDB Quad Species List' shows 15 records for the selected quad. The table includes columns for Element_Type, Scientific_Name, Common_Name, Element_Code, Federal_Status, State_Status, CDFW_Status, CA_Rare_Plant_Rank, Quad_Code, Quad_Name, Data_Status, and Taxonomic_Sort.

Element_Type	Scientific_Name	Common_Name	Element_Code	Federal_Status	State_Status	CDFW_Status	CA_Rare_Plant_Rank	Quad_Code	Quad_Name	Data_Status	Taxonomic_Sort
1 Animals - Birds	Accipiter gentilis	northern goshawk	ABNKC12060	None	None	SSC	-	4112038	Adin Pass	Mapped and Unprocessed	Animals - Birds - Accipitridae - Accipiter gentilis
2 Animals - Birds	Aquila chrysaetos	golden eagle	ABNKC22010	None	None	FP, WL	-	4112038	Adin Pass	Unprocessed	Animals - Birds - Accipitridae - Aquila chrysaetos

List CNDDDB Species for 9 Quads

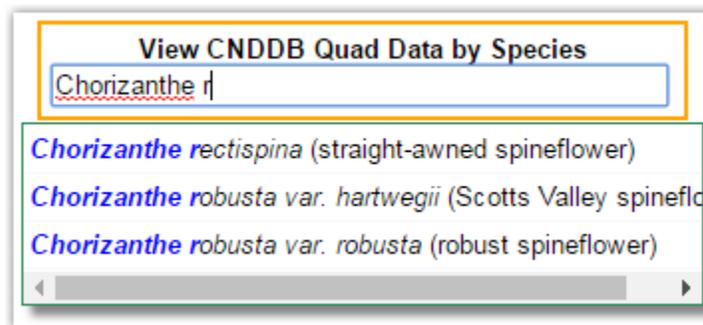
This tool allows you to view a list of CNDDDB-tracked elements present on a selected quad and all adjacent quads. Click on this tool and then click on the desired quad on the map. At the bottom of the page, a list will be generated that contains CNDDDB-tracked elements for which there is CNDDDB information on that quad or the adjacent quads. For this query, the element may be displayed multiple times, once for each quad.

List CNDDDB Species for a County

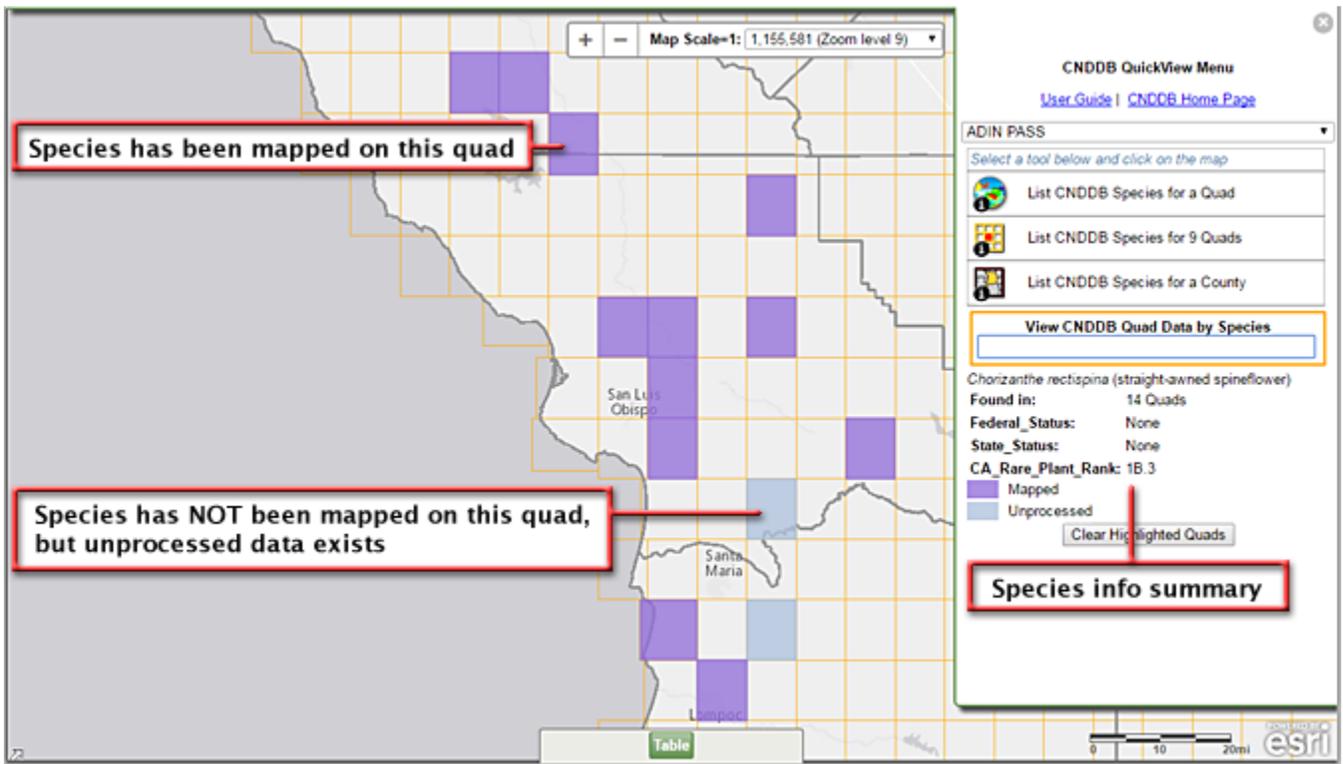
This tool allows you to view a list of CNDDDB-tracked elements present in the selected county. Click on this tool and then click on the desired county on the map. At the bottom of the page, a list will be generated that contains CNDDDB-tracked elements for which there is CNDDDB information within the selected county.

View CNDDDB Quad Data by Species

This tool allows you to view a map with quad data for any CNDDDB-tracked element. Quad information for "Mapped" data and CNDDDB "Unprocessed" data will be displayed in different colors. If the element you have selected has a CNDDDB occurrence or SPOWDB positive observation on a particular quad, that quad will be displayed in purple. If the CNDDDB only has unprocessed data for an element on a particular quad, the quad will be displayed in light blue. Unprocessed data has not been quality-checked by CNDDDB staff and should be used with caution.



To use this tool, click in the text box provided and begin typing the scientific or common name of the desired element. As you type, CNDDDB-tracked elements will appear in a drop-down menu. Click on the species you wish to view quad data for. Directly under this tool, a summary of the information retrieved will be provided. Unlike the previous three tools, no tabular information is displayed at the bottom of the page.



Results Table

After performing any of the first three CNDDDB QuickView Tool queries, a table of results will appear at the bottom of the page. Displayed along with the elements is some additional information on rarity status, quad, county, data status, and taxonomic sort order. A brief explanation of the fields is available by clicking on the Field Descriptions link within the results table. The Data_Status and Taxonomic_Sort fields are discussed in more detail below.

State_Status	CDFW_Status	CA_Rare_Plant_Rank	Quad_Code	Quad_Name	Data_Status	Taxonomic_Sort
None	SSC	-	4112038	Adin Pass	Mapped and Unprocessed	Animals - Birds - Accipitridae - Accipiter gentilis
None	FP , WL	-	4112038	Adin Pass	Unprocessed	Animals - Birds - Accipitridae - Aquila chrysaetos

Data_Status Field:

This field is used to indicate the status of the data on the selected quad or county. "Unprocessed" indicates that there is not currently any information from that quad/county for that element within the quality-controlled CNDDDB occurrence

database but there *is* unprocessed data at the CNDDDB waiting to be evaluated. “Mapped” indicates that there is currently information from the specified quad/county and element within the CNDDDB occurrence database or the SPOWDB. “Mapped and Unprocessed” indicates that there is both: information from the specified quad/county within the CNDDDB occurrence database and within the CNDDDB unprocessed data.

Taxonomic_Sort Field

This field is intended to show users how their results are being sorted. When a query is run with the CNDDDB QuickView Tool, the results are returned based on a taxonomic hierarchy so that similar organisms are grouped together (i.e. all birds are grouped together, all amphibians are grouped together, etc). By default, results are sorted alphabetically on this field. Users may re-sort the results any way they choose by clicking on the field header. It is important to understand though that the sorting does NOT carry over when printing or exporting the results. The sort order reverts back to the default.

Print Preview and Export

The screenshot shows a software interface with a table of data. At the top, there is a 'Table' tab and a 'Field Descriptions' button. To the right of the table are two buttons: 'Print Preview' and 'Export', both of which are highlighted with a red box. The table has the following columns: Federal_Status, State_Status, CDFW_Status, CA_Rare_Plant_Rank, Quad_Code, Quad_Name, Data_Status, and Taxonomic_Sort. The table contains three rows of data.

Federal_Status	State_Status	CDFW_Status	CA_Rare_Plant_Rank	Quad_Code	Quad_Name	Data_Status	Taxonomic_Sort
None	None	SSC	-	4112038	Adin Pass	Mapped and Unprocessed	Animals - Birds - Acciptridae - Accipiter gentilis
None	None	FP, WL	-	4112038	Adin Pass	Unprocessed	Animals - Birds - Acciptridae - Aquila chrysaetos
None	None	-	-	4112038	Adin Pass	Unprocessed	Animals - Birds -

Once a table of results is generated from any of the first three CNDDDB QuickView Tool queries, the user may print the table of results by clicking on the Print Preview button, or export that information to a CSV file by clicking on the Export button. As mentioned above, the sort order does NOT carry over when printing or exporting the results. However, the user may export the results to a CSV file and then use another program (such as Excel) to sort the results to suit the user’s needs.

Disclaimer

The CNDDDB and the SPOWDB are ongoing and continuously updated databases. While the information is complete and accurate to the best of our knowledge and ability, it does not constitute an official response from any state agency and will not in itself meet the requirements of the California Environmental Quality Act (CEQA). The information supplied is based on the material available at the time of the request and should not be regarded as

complete data on the elements or areas being considered. The information must be used in consultation with the appropriate local, state and federal officials. Absence of data does not constitute the basis for a negative declaration. The CNDDDB QuickView Tool only provides quad and county location information for species tracked in the CNDDDB and the SPOWDB; more detailed information is available with a CNDDDB subscription which provides users access to the CNDDDB and the SPOWDB.