



# 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) 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. 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 or natural communities) that have been documented by the CNDDDB 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.

## Contents

Purpose of the CNDDDB QuickView Tool .....	2
Definitions of Mapped and Unprocessed Data .....	2
Mapped Data .....	2
Unprocessed Data .....	2
Mapped and Unprocessed Data .....	2
Launching the CNDDDB QuickView Tool in BIOS .....	3
Initial CNDDDB QuickView Tool Screen .....	4
CNDDDB QuickView Tool Menu .....	5
List CNDDDB Species for a Quad .....	5
List CNDDDB Species for 9 Quads.....	6
List CNDDDB Species for a County.....	6
View CNDDDB Quad Data by Species .....	6
Results Table .....	7
Data_Status Field:.....	7
Taxonomic_Sort Field .....	8
Print Preview and Export .....	8
Disclaimer .....	8

## 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.

## 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 CNDDDB data is data that has been evaluated by a CNDDDB biologist and has been incorporated into the CNDDDB occurrence database and GIS.

### 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 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 header includes the CA.GOV logo, the department name, and a search bar. The navigation menu has links for Home, Fishing, Hunting, Licenses & Permits, Conservation, Learning, and Explore. The main content area is titled "CNDDDB Maps and Data" and contains a description of the CNDDDB. A tabbed interface is visible, with the "CNDDDB QuickView Tool" tab selected. A red box highlights the "CNDDDB QuickView Tool in BIOS" link. The sidebar on the right contains a list of links and related information.

**Navigation Menu:** Home, Fishing, Hunting, Licenses & Permits, Conservation, Learning, Explore

**Search Bar:** Search

**Page Title:** CNDDDB Maps and Data

**Tabbed Interface:** RareFind 5, CNDDDB in BIOS, Monthly Data Updates, **CNDDDB QuickView Tool**

**Section: CNDDDB QuickView Tool**

The CNDDDB QuickView Tool is a free Internet application that provides users with a list of all tracked elements that have been documented by the CNDDDB to occur in a selected USGS 7.5' topographic quad or in a selected county. The tool generates a list with species name and rarity status information. No specific location information is provided in this free application. The information provided by the CNDDDB QuickView Tool in BIOS is NOT a substitute for the CNDDDB and is NOT a substitute for pre-project surveys. The CNDDDB QuickView Tool is intended for general informational use only.

**Note:** The CNDDDB QuickView Tool does not return Spotted Owl information. Users should refer to the [Spotted Owl Observations Database in BIOS](#) if working in Spotted Owl habitat.

The CNDDDB QuickView Tool is useful for:

- Producing simple species lists by quad or county.
- Performing 9 quad searches with one click.
- Viewing CNDDDB quad data by species.
- Determining if there are any records for a species (data has not been reviewed by the CNDDDB for accuracy).
- Querying for California Rare Plant Rank 3 and 4 plant species.

**Buttons:** CNDDDB QuickView Tool in BIOS

**Free:** This BIOS 5 tool provides access to the CNDDDB data at the 7.5' Quadrangle and County level. For more info on how to use the QuickView tool within BIOS 5, see the [User Guide](#).

**California Natural Diversity Database**

- About the CNDDDB
- CNDDDB News
- CNDDDB QuickView Tool
- CNDDDB and Spotted Owl Data Viewer
- RareFind
- Submitting Data
- CNDDDB Tutorials and Training
- Monthly Data Updates

**Related Information**

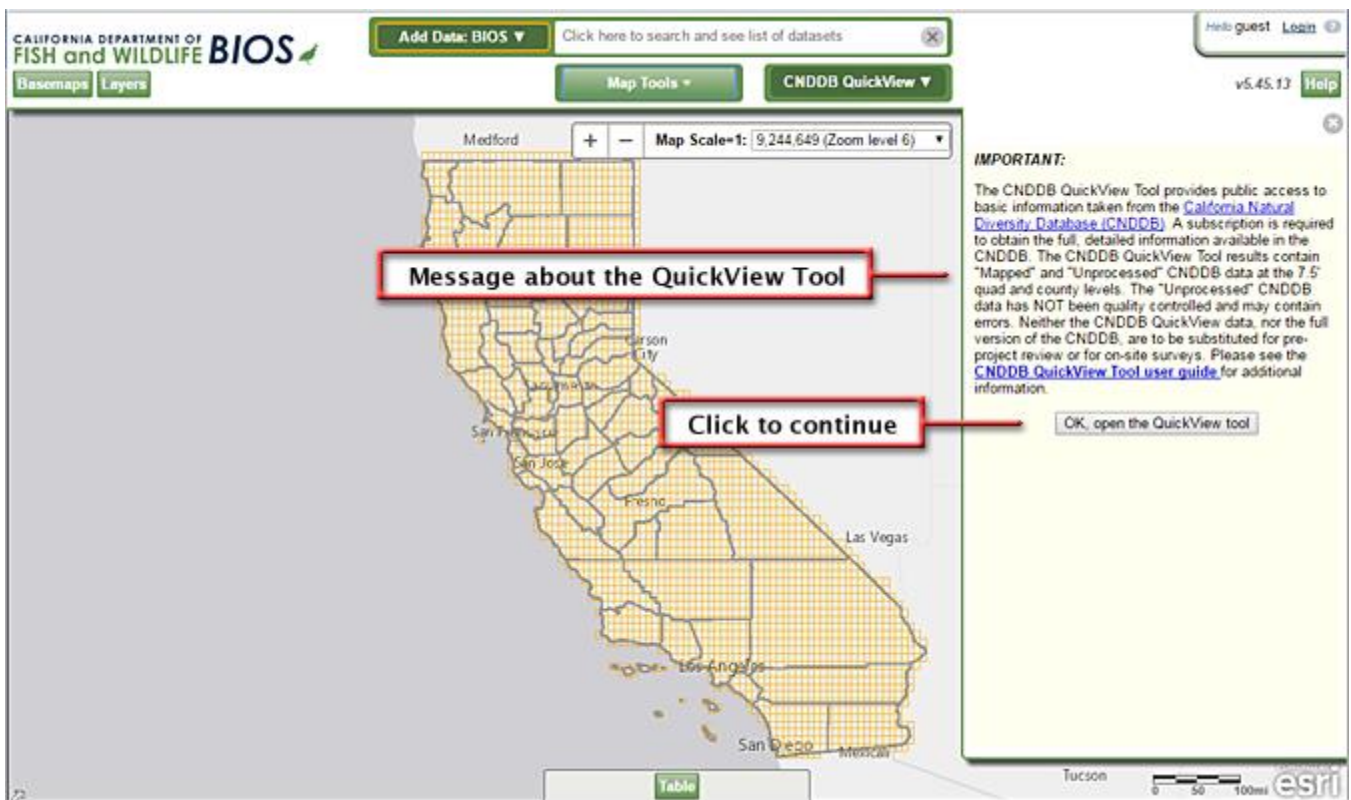
- CDFW Native Plant Program
- Fully Protected Animals
- Species of Special Concern

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.



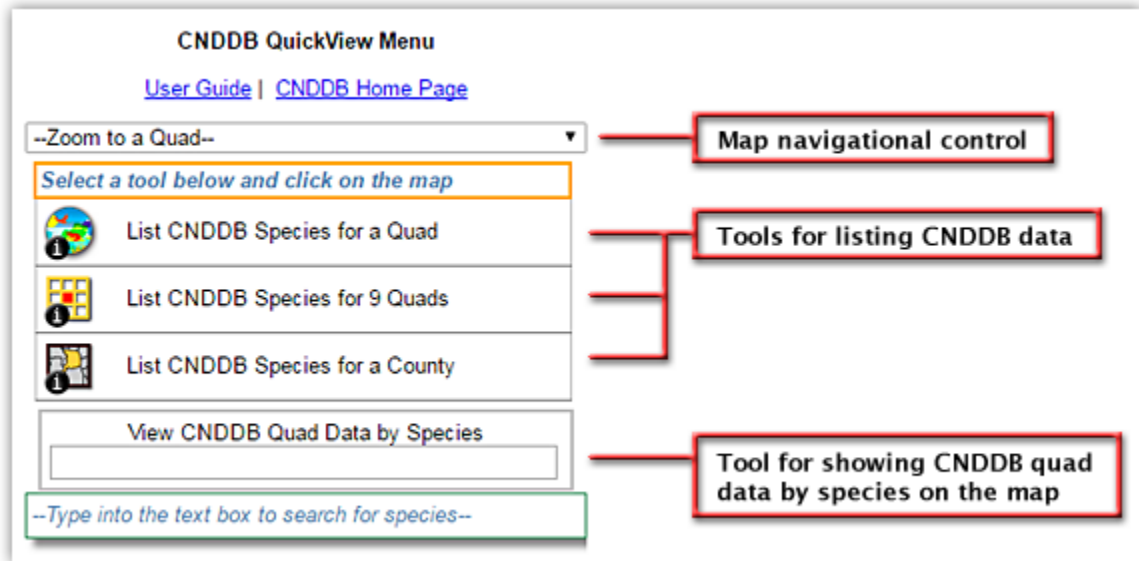
## Initial CNDDDB QuickView Tool Screen

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 screenshot shows the 'CNDDDB QuickView Menu' overlaid on a map. The 'Active tool' is 'List CNDDDB Species for a Quad'. A 'Selected quad' is highlighted in orange on the map, labeled 'ADIN PASS'. Below the map, a table titled 'Results for selected quad' displays the following data:

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

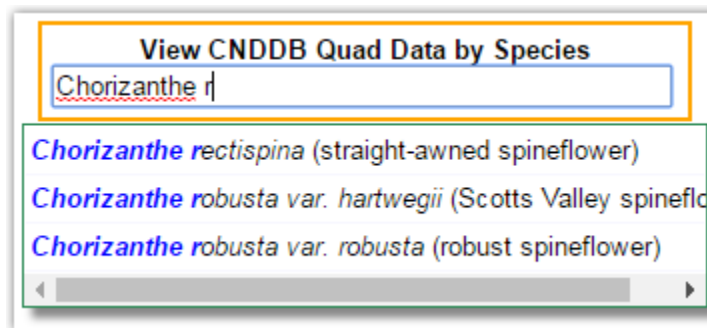
This tool allows you to view a list of CNDDDB-tracked elements present on a selected quad and all adjacent quads. Click on this tool and then click on the desired quad on the map. At the bottom of the page, a list will be generated that contains CNDDDB-tracked elements for which there is CNDDDB information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

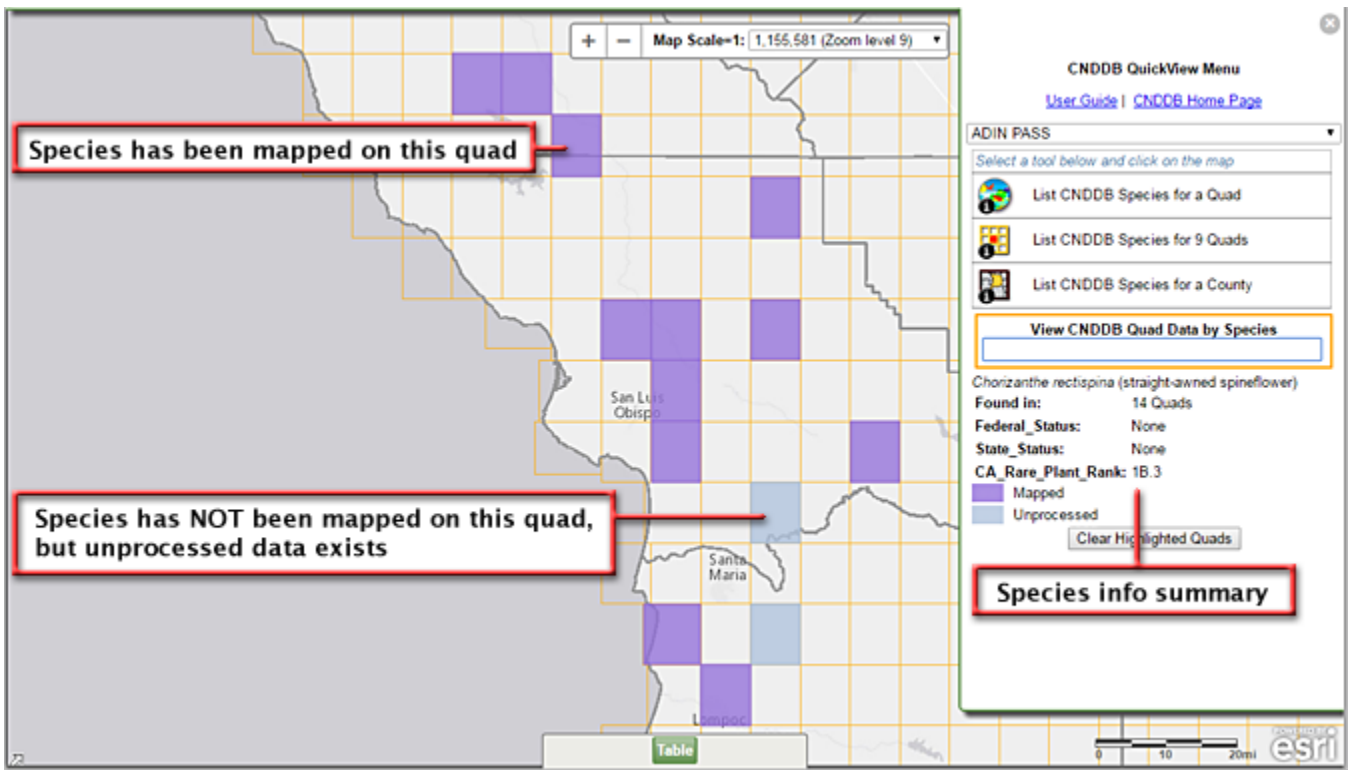
This tool allows you to view a list of CNDDDB-tracked elements present in the selected county. Click on this tool and then click on the desired county on the map. At the bottom of the page, a list will be generated that contains CNDDDB-tracked elements for which there is CNDDDB information within the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

## View CNDDDB Quad Data by Species

This tool allows you to view a map with CNDDDB quad data for any CNDDDB-tracked element. Quad information for CNDDDB "Mapped" data and CNDDDB "Unprocessed" data will be displayed in different colors. If the element you have selected has a CNDDDB occurrence 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 CNDDDB 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. “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 web-based interface for the CNDDDB QuickView Tool. At the top, there is a 'Table' tab and a 'Field Descriptions' link. On the right side, there are two buttons: 'Print Preview' and 'Export', both of which are highlighted with a red box. Below the navigation elements is a table with 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. The first row has 'None' for Federal\_Status, 'None' for State\_Status, 'SSC' for CDFW\_Status, '-' for CA\_Rare\_Plant\_Rank, '4112038' for Quad\_Code, 'Adin Pass' for Quad\_Name, 'Mapped and Unprocessed' for Data\_Status, and 'Animals - Birds - Acciptridae - Accipiter gentilis' for Taxonomic\_Sort. The second row has 'None' for Federal\_Status, 'None' for State\_Status, 'FP, WL' for CDFW\_Status, '-' for CA\_Rare\_Plant\_Rank, '4112038' for Quad\_Code, 'Adin Pass' for Quad\_Name, 'Unprocessed' for Data\_Status, and 'Animals - Birds - Acciptridae - Aquila chrysaetos' for Taxonomic\_Sort. The third row has 'None' for Federal\_Status, 'None' for State\_Status, '-' for CDFW\_Status, '-' for CA\_Rare\_Plant\_Rank, '4112038' for Quad\_Code, 'Adin Pass' for Quad\_Name, 'Unprocessed' for Data\_Status, and 'Animals - Birds -' for Taxonomic\_Sort.

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 is an ongoing and continuously updated database. 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; more detailed information is available with a subscription to the CNDDDB.