

# RESEARCH DATABASE

When you come to the Marine Mammal Research Database, you will see a window like the one below.

The screenshot displays the NMMP Foundation website interface. At the top left is the Zoho Creator logo. To its right is the text "Sign In" and a vertical menu icon. Below the logo is the text "NMMP Foundation" and "Creator". A navigation bar contains two buttons: "Annotated Bibliography" and "View Data". The main content area is titled "Projects" and includes a search bar with a "Filters" dropdown and a pagination control showing "1 - 10 of Many" with navigation arrows. Below this is a table with the following columns: "Project Name", "Primary Investigator", "Investigators", "Description", and "Start". The first row of the table contains the following data:

Project Name	Primary Investigator	Investigators	Description	Start
<input type="checkbox"/> A comprehensive assessment of the anatomy and physiology of the thyroid gland in the bottlenose dolphin, <i>Tursiops aduncus</i>		<a href="#">Brook, F. D.</a> , <a href="#">Kinoshita, R.</a> , <a href="#">Ying, M.</a> , <a href="#">Mauroo, N.</a> , <a href="#">Kot, B.</a> , <a href="#">Martelli, P.</a> , <a href="#">Fernando, N.</a> , <a href="#">Suk-wai, H.</a>	This project is a direct extension of the previous approved project "Ultrasonographic evaluation of the thyroid gland of the Indo-Pacific bottlenose dolphin, <i>Tursiops aduncus</i> ". The aims of the present project are to characterize the sonographic appearance and document the size of the normal thyroid gland in a group of Indo-Pacific bottlenose dolphins, <i>Tursiops aduncus</i> , using 2-D and 3-D ultrasound; to determine baseline serum thyroid hormone levels and to identify parameters that can alter the thyroid size, morphology and function. This will aid diagnosis of	Jan 0:

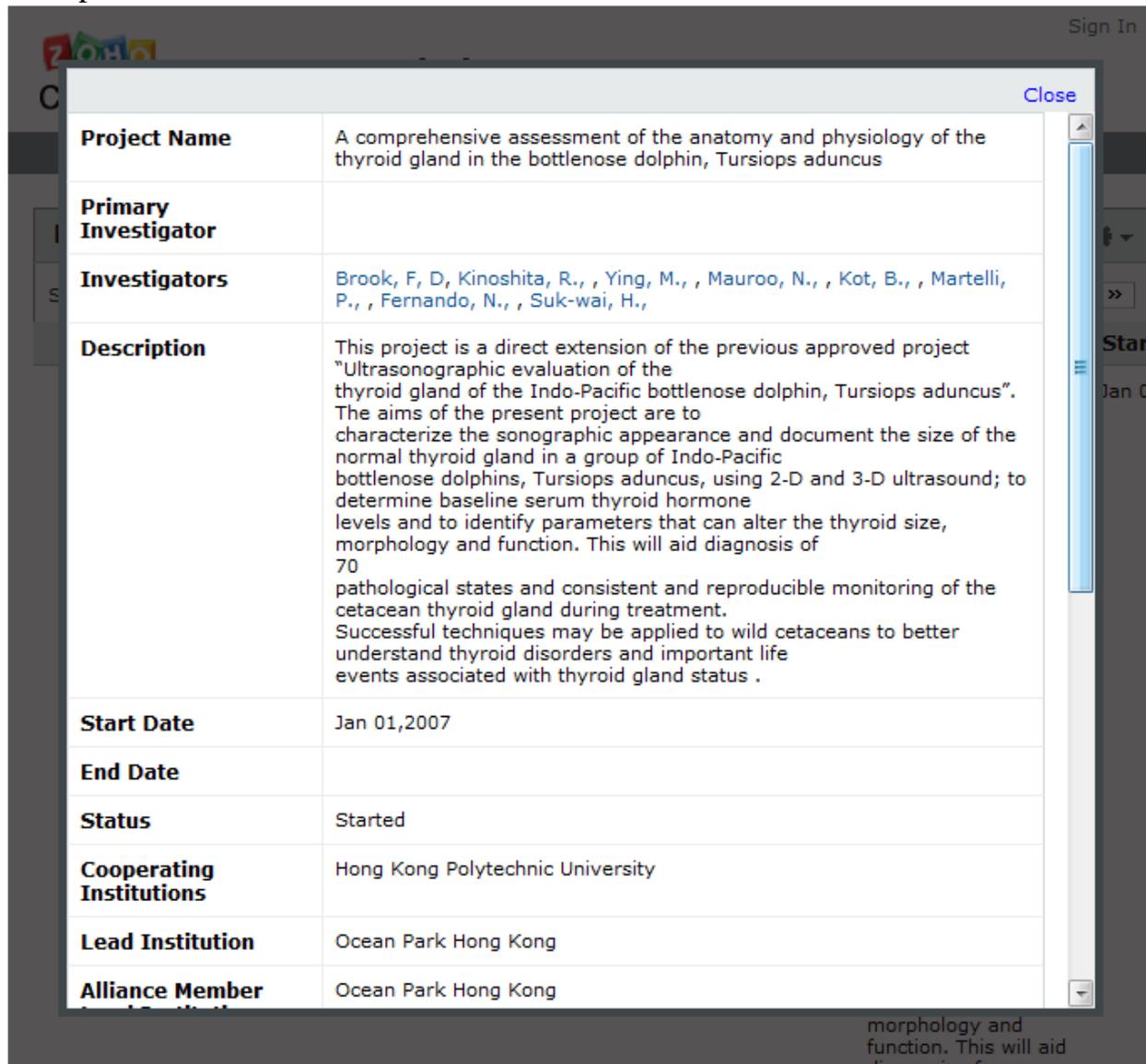
Use bottom scroll bar to see more columns of information.

The screenshot shows a web interface for a 'Projects' table. The table has columns: Institution, Alliance Member Lead Institution, Papers & Presentations, Project\_Description, and Start Date. The first row shows 'ark Hong' and 'Ocean Park Hong Kong'. The 'Project\_Description' column contains detailed text about a project on bottlenose dolphins. A blue oval highlights the bottom scroll bar of the browser window.

An alternative to using the bottom scroll bar to see more information, you can print or view the article in a pop-up window by. To do this, you hover the mouse pointer over an article which makes "print" appear on the left. If you hover over "print," a menu appears that allows you to either print the article or view it in a pop-up window.

The screenshot shows the NMMP Foundation website. At the top left is the 'zoho Creator' logo. At the top right is a 'Sign In' link. Below the logo are two buttons: 'Annotated Bibliography' and 'View Data'. The main content is a 'Projects' table with columns: Project Name, Primary Investigator, Investigators, Description, and Start Date. The first row shows a project on bottlenose dolphins. A blue oval highlights a 'Print' button in the first column, which has a dropdown menu open with options 'Print' and 'View Record'.

If you view the article, a pop-up window appears that shows the entire article. You can use the scrollbar to view more information. See the below image for an example.



The image shows a screenshot of a web application interface. A pop-up window is open, displaying project details. The window has a 'Close' button in the top right corner. The project information is presented in a table-like format with the following fields:

<b>Project Name</b>	A comprehensive assessment of the anatomy and physiology of the thyroid gland in the bottlenose dolphin, <i>Tursiops aduncus</i>
<b>Primary Investigator</b>	
<b>Investigators</b>	Brook, F, D, Kinoshita, R., , Ying, M., , Mauroo, N., , Kot, B., , Martelli, P., , Fernando, N., , Suk-wai, H.,
<b>Description</b>	This project is a direct extension of the previous approved project "Ultrasonographic evaluation of the thyroid gland of the Indo-Pacific bottlenose dolphin, <i>Tursiops aduncus</i> ". The aims of the present project are to characterize the sonographic appearance and document the size of the normal thyroid gland in a group of Indo-Pacific bottlenose dolphins, <i>Tursiops aduncus</i> , using 2-D and 3-D ultrasound; to determine baseline serum thyroid hormone levels and to identify parameters that can alter the thyroid size, morphology and function. This will aid diagnosis of 70 pathological states and consistent and reproducible monitoring of the cetacean thyroid gland during treatment. Successful techniques may be applied to wild cetaceans to better understand thyroid disorders and important life events associated with thyroid gland status .
<b>Start Date</b>	Jan 01,2007
<b>End Date</b>	
<b>Status</b>	Started
<b>Cooperating Institutions</b>	Hong Kong Polytechnic University
<b>Lead Institution</b>	Ocean Park Hong Kong
<b>Alliance Member</b>	Ocean Park Hong Kong

The window also features a vertical scrollbar on the right side, indicating that the content is scrollable. The background of the application shows a 'Sign In' link and a 'Star' button.

If you print the article, a new window (or on most new browsers, a new tab) will open that displays the entire article and a pop-up window with your printer information will appear. See the below image for an example (NOTE: the printer pop-up window was closed before this screenshot was taken).

Creator	
<b>Project Name</b>	A comprehensive assessment of the anatomy and physiology of the thyroid gland in the bottlenose dolphin, <i>Tursiops aduncus</i>
<b>Primary Investigator</b>	
<b>Investigators</b>	Brook, F, D, Kinoshita, R., , Ying, M., , Mauroo, N., , Kot, B., , Martelli, P., , Fernando, N., , Suk-wai, H.,
<b>Description</b>	This project is a direct extension of the previous approved project "Ultrasonographic evaluation of the thyroid gland of the Indo-Pacific bottlenose dolphin, <i>Tursiops aduncus</i> ". The aims of the present project are to characterize the sonographic appearance and document the size of the normal thyroid gland in a group of Indo-Pacific bottlenose dolphins, <i>Tursiops aduncus</i> , using 2-D and 3-D ultrasound; to determine baseline serum thyroid hormone levels and to identify parameters that can alter the thyroid size, morphology and function. This will aid diagnosis of 70 pathological states and consistent and reproducible monitoring of the cetacean thyroid gland during treatment. Successful techniques may be applied to wild cetaceans to better understand thyroid disorders and important life events associated with thyroid gland status .
<b>Start Date</b>	Jan 01,2007
<b>End Date</b>	
<b>Status</b>	Started
<b>Cooperating Institutions</b>	Hong Kong Polytechnic University
<b>Lead Institution</b>	Ocean Park Hong Kong
<b>Alliance Member Lead Institution</b>	Ocean Park Hong Kong
<b>Papers &amp; Presentations</b>	
<b>Project_Description</b>	<b>Start Date:</b> Jan 01,2007 <b>End Date:</b> null <b>Status:</b> <b>Project Name:</b> A comprehensive assessment of the anatomy and physiology of the thyroid gland in the bottlenose dolphin, <i>Tursiops aduncus</i> <b>Investigators:</b> <b>Lead Institution:</b> Ocean Park Hong Kong <b>Cooperating Institutions:</b> <b>Description:</b> This project is a direct extension of the previous approved project "Ultrasonographic evaluation of the thyroid gland of the Indo-Pacific bottlenose dolphin, <i>Tursiops aduncus</i> ". The aims of the present project are to characterize the sonographic appearance and document the size of the normal thyroid gland in a group of Indo-Pacific bottlenose dolphins, <i>Tursiops aduncus</i> , using 2-D and 3-D ultrasound; to determine baseline serum thyroid hormone levels and to identify parameters that can alter the thyroid size, morphology and function. This will aid diagnosis of 70 pathological states and consistent and reproducible monitoring of the cetacean thyroid gland during treatment. Successful techniques may be applied to wild cetaceans to better understand thyroid disorders and important life events associated with thyroid gland status . <b>Reports:</b>
<b>Start Year</b>	2007
<b>End Year</b>	

If you click the print icon at the top right, you have the following options. Each one displays data in a new window (or a new tab) and a pop-up window appears with your printer information. You can limit what appears in each using the search options described elsewhere in this instruction manual.

The screenshot shows the Zoho Creator interface for the NMMP Foundation. At the top right, there is a 'Sign In' button. Below the logo, there are two tabs: 'Annotated Bibliography' and 'View Data'. The main content area is titled 'Projects' and contains a search bar with the text 'Filters'. Below the search bar is a table with columns: Project Name, Primary Investigator, Investigators, Description, and Start. The first row of the table contains the following data:
 

Project Name	Primary Investigator	Investigators	Description	Start
A comprehensive assessment of the anatomy and		Brook, F, D, Kinoshita, R., , Ying, M., , Mauroo,	This project is a direct extension of the previous approved	Jan 01, 2007

 A print icon is circled in blue, and a dropdown menu is open showing two options: 'Print as list' and 'Print as Summary'.

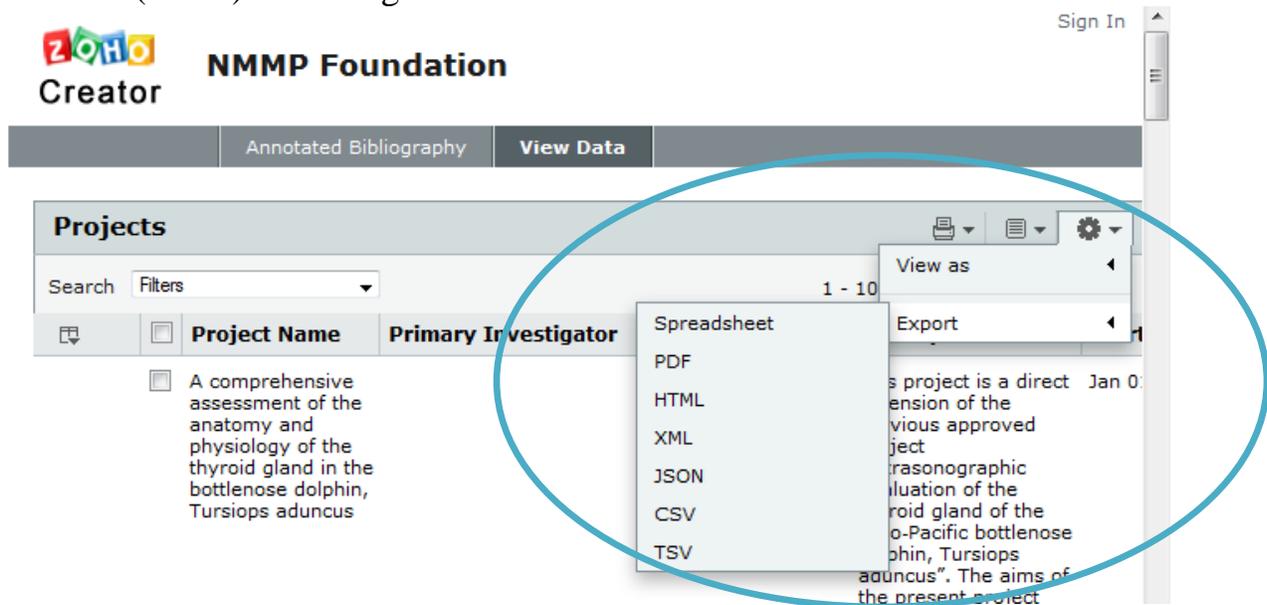
To change the records per page, click on the icon that looks like a lined sheet of paper in the upper right hand corner. See the image below.

The screenshot shows the 'Projects' section of the NMMP Foundation Creator. A dropdown menu titled 'Records Per page' is open, showing options: 10 per page (selected), 20 per page, 30 per page, 40 per page, 50 per page, 75 per page, 100 per page, and 200 per page. The background shows a table with columns for Project Name, Primary Investigator, and Investigators. A project entry is visible with a checkbox and a description: 'A comprehensive assessment of the anatomy and physiology of the thyroid gland in the bottlenose dolphin, Tursiops aduncus'. The investigators listed are Brook, F. D., Kinoshita, R., Ying, M., Mauroo, N., Kot, B., Martelli, P., Fernando, N., and Suk-wai, H.

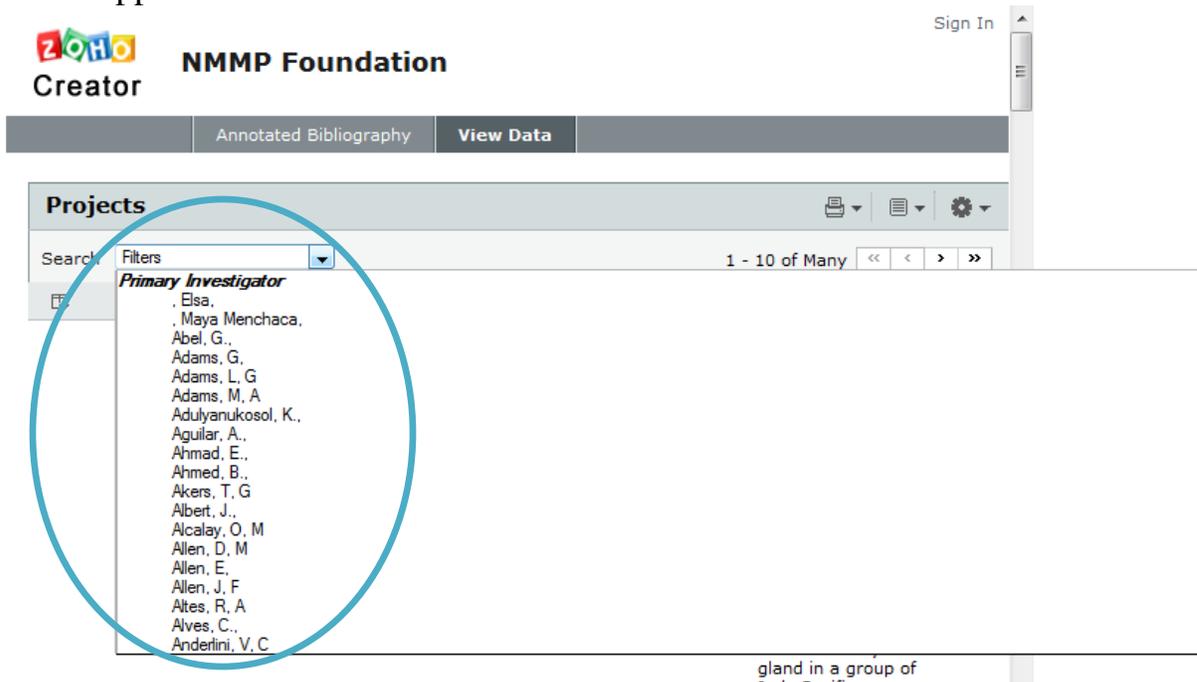
If you want to change the appearance of the information in the window, click the 'gear' in the upper right hand corner, and hover on "View as", there are a few options. If you select an option and want to get back to the main view, click on the 'gear,' hover on "View as," and change the view back to 'List.' NOTE: These viewing options are like the print options (accessible by clicking the printer icon to the left of the 'gear') except that it doesn't open a new window (or tab). See image below.

The screenshot shows the 'Projects' section of the NMMP Foundation Creator. A dropdown menu titled 'View as' is open, showing options: List (selected), Summary, and Calendar. The background shows the same table as the previous image. A project entry is visible with a checkbox and a description: 'A comprehensive assessment of the anatomy and physiology of the'. The investigators listed are Brook, F. D., Kinoshita, R., Ying, M., Mauroo, N., Kot, B., and a partial entry 'This project is a direct extension of the previous approved project'. The date 'Jan 0:' is also visible.

If you want to export information, click the 'gear' in the upper right hand corner, and hover on "Export." There are many different options for downloading formats. Some, like Spreadsheet or PDF will cause a pop-up window to appear that asks the user where they want to save the file. Others like HTML or XML will open a new window (or tab). See image below.



You can apply filters to the result by clicking it on the upper left. A filter just means that you are looking only for files with that particular author. To find an investigator faster than scrolling down, drop down the filter menu and type in the investigator's name. As you type it in, a name that is equal or closest to what you type will appear.



You can select one filter then drop the menu down again to add another name. You can apply multiple filters. I applied two filters and came up with one article result below. To clear the filters you have chosen, press the 'X' next to each filter's name.

The screenshot shows the 'Projects' section of the NMMP Foundation Creator. At the top, there is a navigation bar with 'Annotated Bibliography' and 'View Data'. Below this, the 'Projects' header includes a search bar with '2 Filters Applied' and a pagination indicator '1 - 1 of 1'. A filter menu is open, showing two selected filters: 'Primary Investigator : Venn-Watson, S' and 'Primary Investigator : Ridgway, S, H'. Below the filters, a table of projects is visible, with the first row showing a project titled 'Physiology of aging in bottlenose dolphins (Tursiops truncatus)' by Venn-Watson, S.

To customize what columns you see (and what columns you print and export), click on the button on the top row (it's a box on the far left with an arrow at the bottom - see the picture below) to see all of the columns. Checked columns appear and unchecked columns are hidden from your view. When you are done, press "Done" or "Cancel" at the bottom of the menu.

The screenshot shows the 'Projects' section of the NMMP Foundation Creator. The search bar now shows 'Filters'. The 'Show/Hide Columns' menu is open, listing various columns with checkboxes. The columns listed are: Alliance Member Lead Institution, Cooperating Institutions, Description, End Date, End Year, Investigators, and Lead Institution. The 'Done' and 'Cancel' buttons are visible at the bottom of the menu. The table below shows a project by Brook, F, D, Kinoshita, R, Ying, M, Mauroo, N, Kot, B, Martelli, P, Fernando, N, and Suk-wai, H.

Press Search (to the left of the Filters drop down list) and search fields appear below the column titles. See the image below.

The screenshot shows the 'Projects' section of the 'zoho Creator' interface for the 'NMMP Foundation'. At the top, there are navigation tabs for 'Annotated Bibliography' and 'View Data'. Below this, a search bar is labeled 'Search' and a dropdown menu is labeled 'Filters'. To the right of the search bar, it says '1 - 10 of Many' with navigation arrows. Below the search bar, a table with columns 'Project Name', 'Primary Investigator', 'Investigators', 'Description', and 'Start' is visible. Under each column header, there is a 'Contains' dropdown menu and an input field. A blue oval highlights the search bar, the 'Filters' dropdown, and the search input fields under the table headers. Below the table, there are 'Search' and 'Cancel' buttons. A project entry is partially visible, showing a checkbox, a description starting with 'A comprehensive assessment of the anatomy and', investigators 'Brook, F, D, Kinoshita, R., , Ying, M., , Mauroo,', and a description 'This project is a direct extension of the previous approved' with a start date 'Jan 0:'.

The search contains two sections, the filter and input box. The filter helps refine a search and is accessible by using the drop down menu as seen below.

This screenshot is similar to the one above, but the 'Filters' dropdown menu is open, showing a list of filter options: 'Contains', 'Is', 'Is Not', 'Is Empty', 'Is Not Empty', 'Starts With', 'Ends With', 'Like', 'Contains', and 'Not Contains'. A blue oval highlights the dropdown menu. The rest of the interface, including the search bar, table headers, and project entry, is visible in the background.

For example, a search for Investigators that "Contains" "watson" combined with instances where the Primary Investigator is "Is Not Empty" and clicking the box titled "Search" returns all of the records that match that description (in this case, only one result matches the criteria). NOTE: "Contains" is the default setting and if there isn't anything in the search box below it, it will be ignored. To do a new search, change the information and press "Search" again. To display all of the records again, press "Cancel" and the search will close and restore all of the records.

The screenshot shows the 'Projects' table in the NMMP Foundation Creator. A search filter is applied to the 'Primary Investigator' column, set to 'Is Not Empty'. The 'Investigators' column is filtered to 'Contains' 'watson'. The search results show one record: 'Physiology of aging in bottlenose dolphins (Tursiops truncatus)' by Venn-Watson, S., Jensen, E, D, Ridgway, S, H, Smith, C, R, and Venn-Watson, S. The search filters are circled in blue.

Project Name	Primary Investigator	Investigators	Description	Start Date
Physiology of aging in bottlenose dolphins (Tursiops truncatus)	Venn-Watson, S.	Jensen, E, D, Ridgway, S, H, Smith, C, R, Venn-Watson, S,	Dolphins in managed collections are living longer, and there is a need to understand the	Jun 01, 2010

Clicking on any column brings up the following menu which allows you to do a variety of functions appropriate for that column (for example, you can only see the "filter" option on the Primary Investigator column). If you want to use the search function from here, you can choose it from this menu.

The screenshot shows the 'Projects' table with a context menu open over the 'Primary Investigator' column. The menu options are: Sort, Group, Search, and Hide Column. The menu is circled in blue.

Project Name	Primary Investigator	Investigators	Description	Start
Physiology of aging in bottlenose dolphins (Tursiops truncatus)	Venn-Watson, S.	Brook, F, D, Kinoshita, R., , Ying, M., , Mauroo, N., , Kot, B., , Martelli, P., , Fernando, N., , Suk-wai, H.,	This project is a direct extension of the previous approved project "Ultrasonographic evaluation of the thyroid gland of the Indo-Pacific bottlenose	Jan 01, 2010

You can view the Annotated Bibliography from the same screen by clicking on it in the gray bar at the top.

For annotated bibliography instructions, go to <http://nmmf.org/resources/marine-mammal-annotated-bibliography/> and click "Instructions"

The screenshot shows the NMMP Foundation website interface. At the top left is the Zoho logo and the text "Creator". To the right is the "NMMP Foundation" logo and a "Sign In" link. A dark gray navigation bar contains two buttons: "Annotated Bibliography" (highlighted with a red oval) and "View Data". Below this is a section titled "Selected Publications" with a search bar and pagination controls showing "1 - 200 of Many". A table with the following columns is displayed: "Authors\_Date\_Title\_Publication\_Annotation", "Facility", and "Alliance Member Lead Inst". One publication entry is visible, detailing a 2006 report on depredation in killer and sperm whales from the Vancouver Aquarium.

Authors_Date_Title_Publication_Annotation	Facility	Alliance Member Lead Inst
(2006). Depredation in Killer and Sperm Whales see <a href="http://www.depredation.org">www.depredation.org</a> for report of International Workshop of Killer and Sperm Whale Depredation, organized and hosted by the Vancouver Aquarium in October 2006. Vancouver Aquarium	Vancouver Aquarium	Vancouver Aquarium