Study Browser Tutorial

   A study is the basic, reportable unit of research, it is synonymous with the notions of experiment, nursery or survey. It is characterized by a set of scientific objectives and testable hypotheses and results in the collection of one or more data sets. The Study Browser Application's main function is to enable users to easily query and browse on such studies, datasets and other related information.

This tutorial discusses how to start and use the Study Browser. As of this writing, the latest version of Study Browser is 1.1.2.3.

Starting Up the Study Browser

The Study Browser can be launched from IB Workflow System (Workbench). Follow the steps listed below to launch the browser:

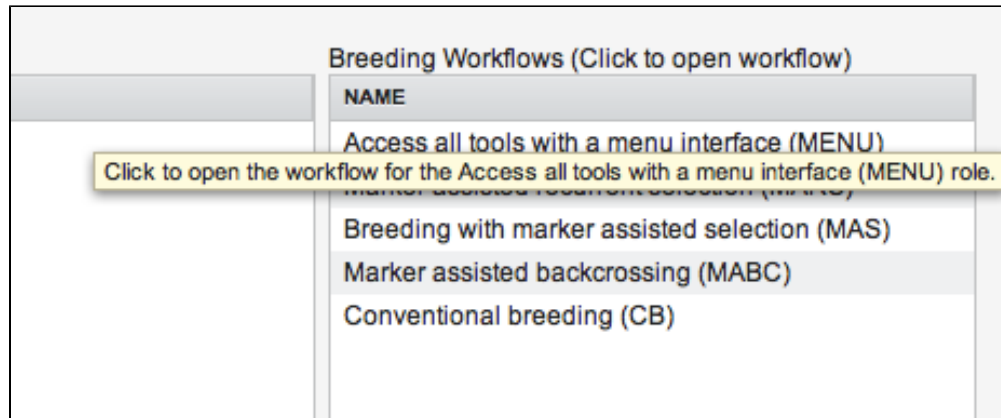1. Log on to the IB Workflow System with your given user name and password.

2. Choose a project from your list if there is any, or create a new project (this is covered in Workbench Tutorial) if there is none. (*Click image to enlarge*)
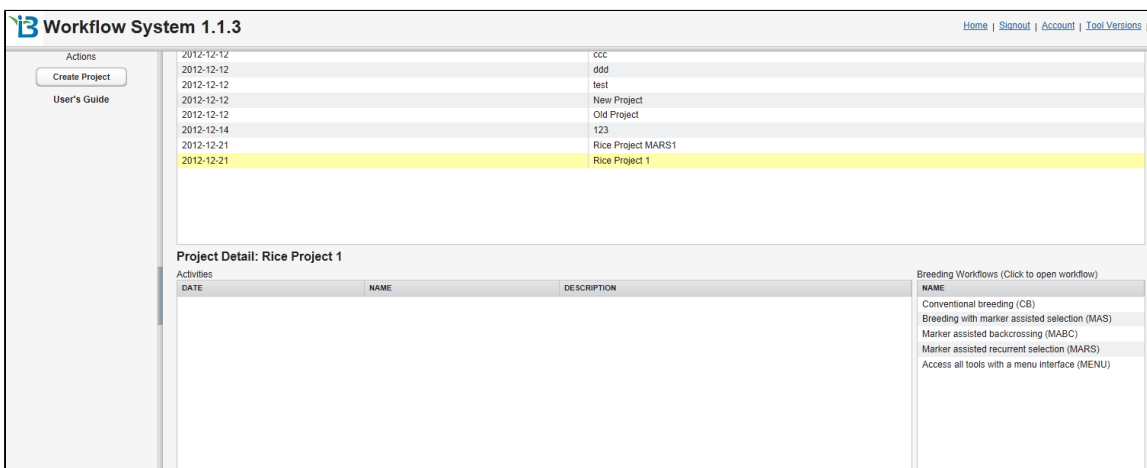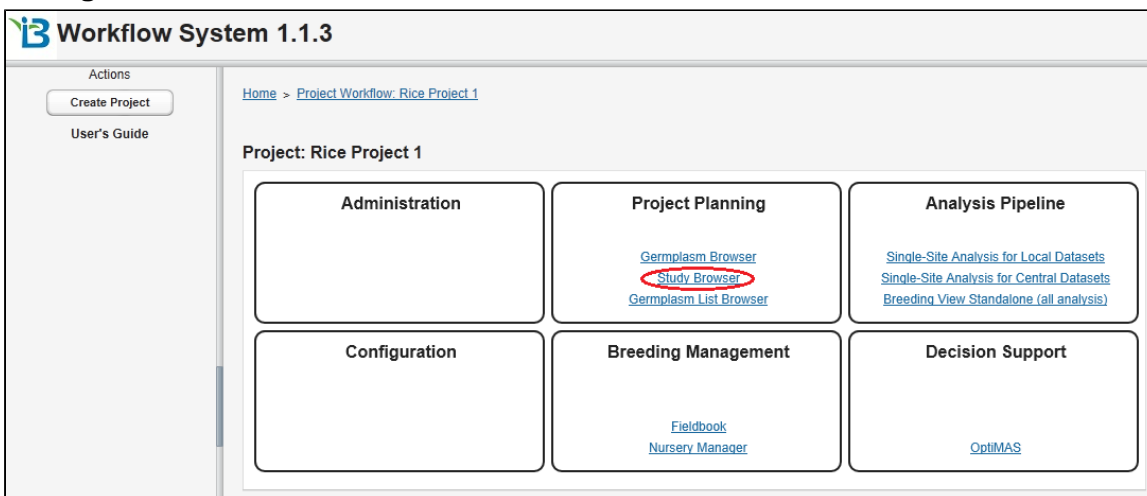

3. In Project Details --> Breeding Workflows, you will see all the available workflows for the chosen project. Click
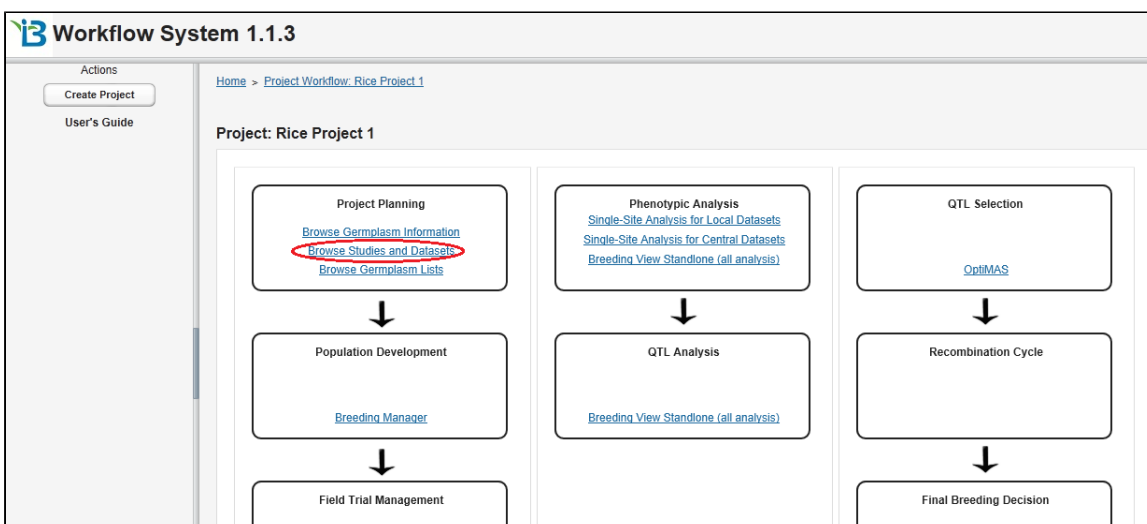
on a workflow to view its details.

The following images show the different workflows available as of this writing:
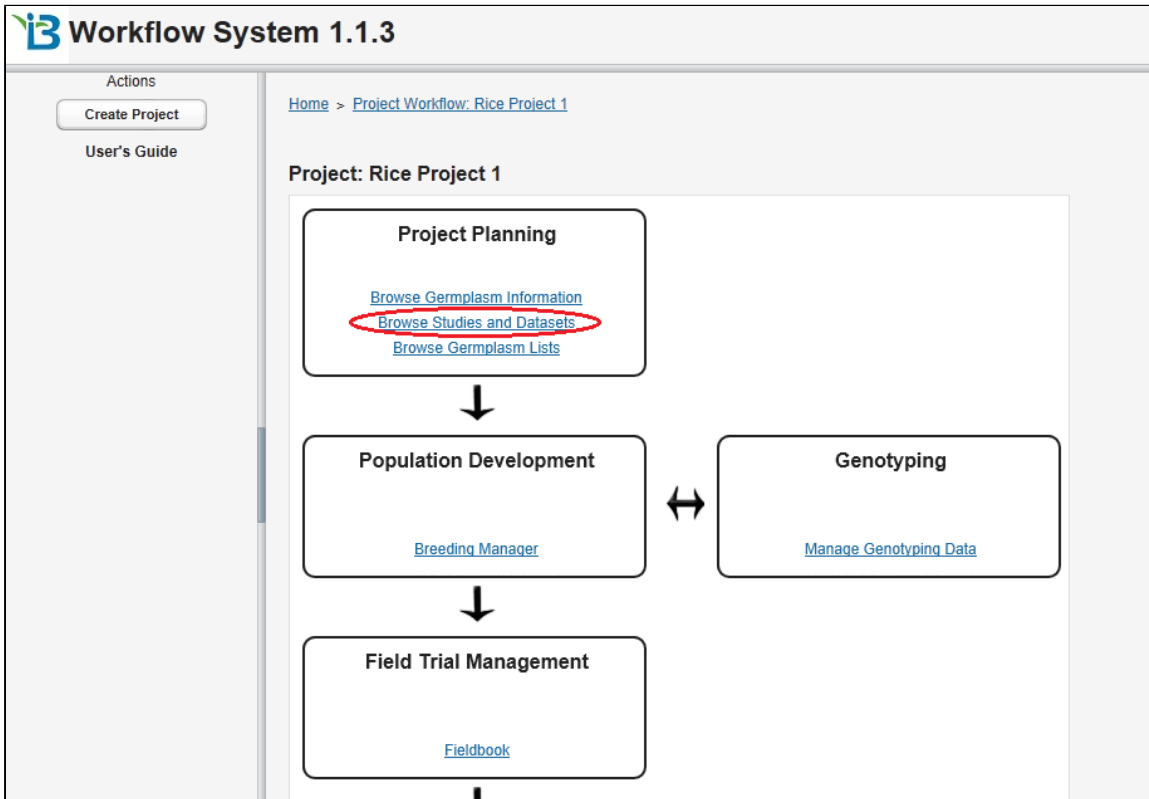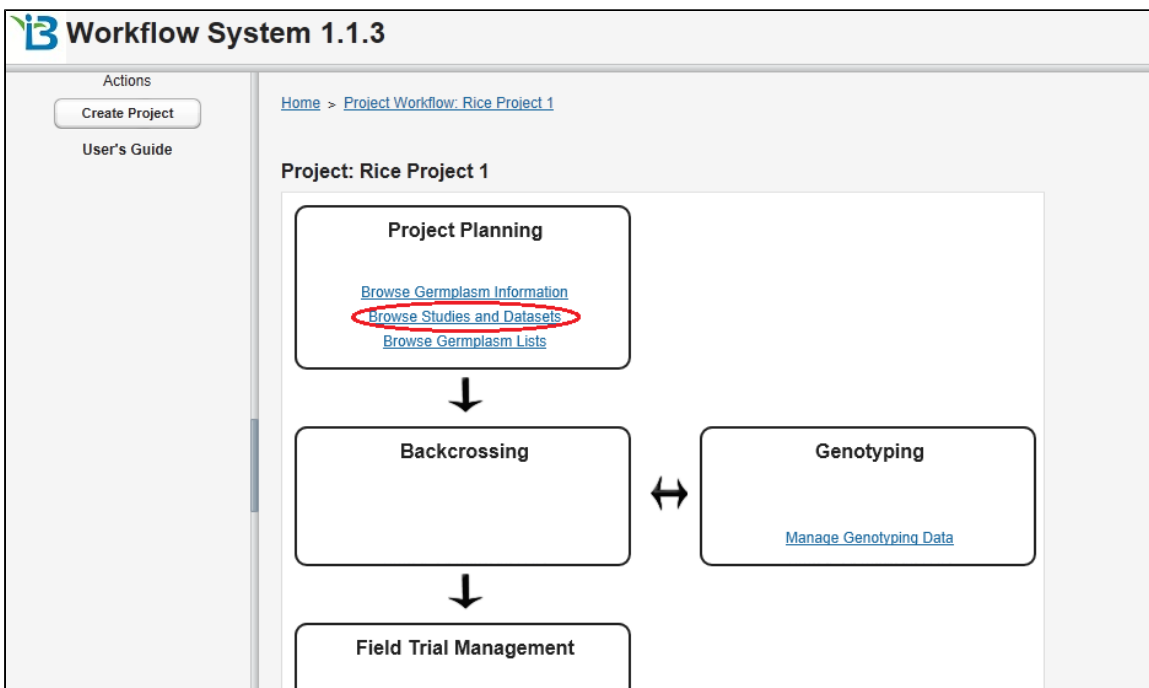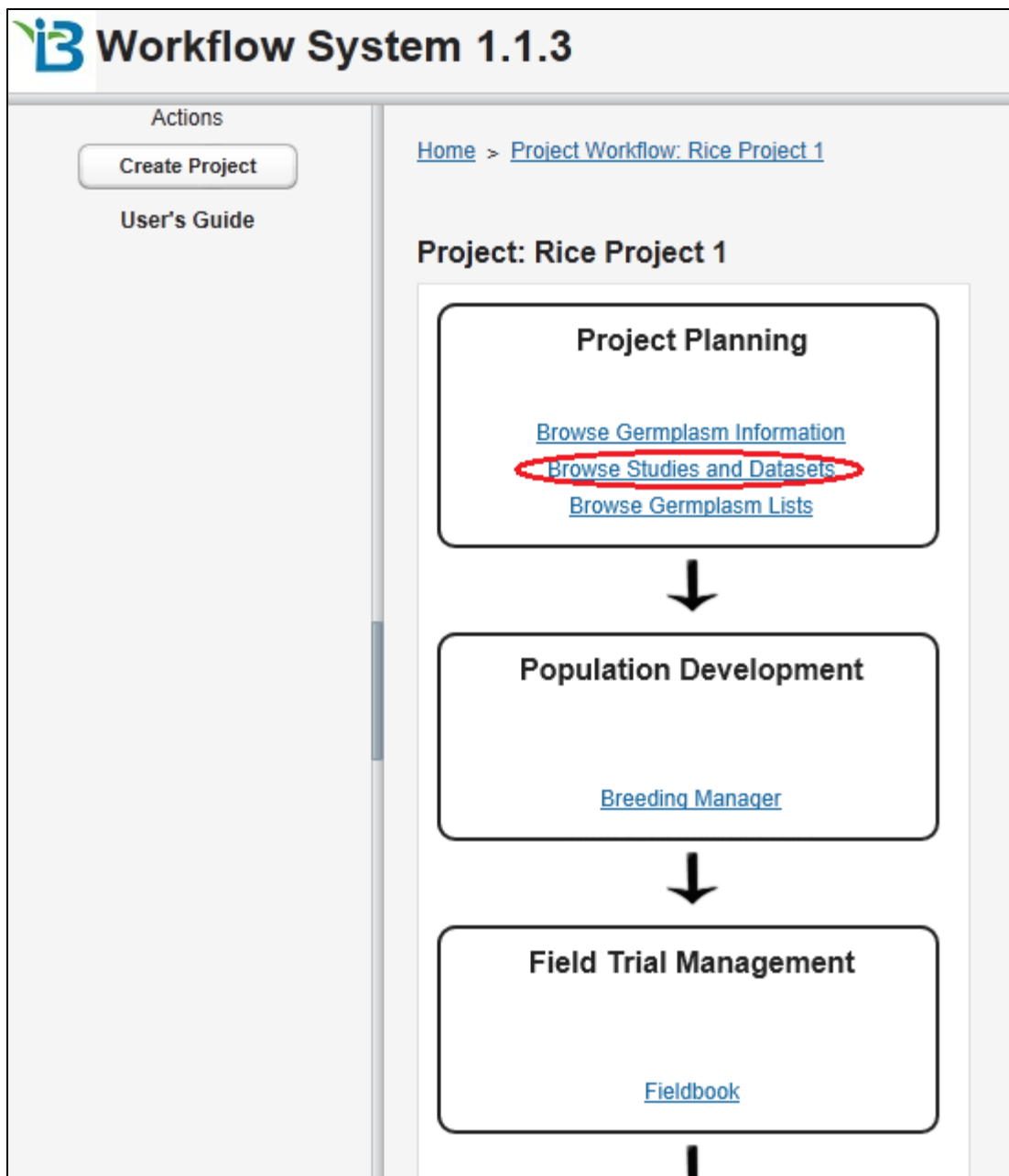
Manager Workflow

MARS Workflow

MAS Workflow

MABC Workflow

CB Workflow

4. Click either the **"Study Browser"** or **"Browse Studies and Datasets" links** from the workflow and you will then be redirected to the Study Browser Application:

You may now start upon querying and browsing for studies.

Query & Browse

To query & browse for studies, choose and click one of the three available tab selections: **Local, Central and Search**
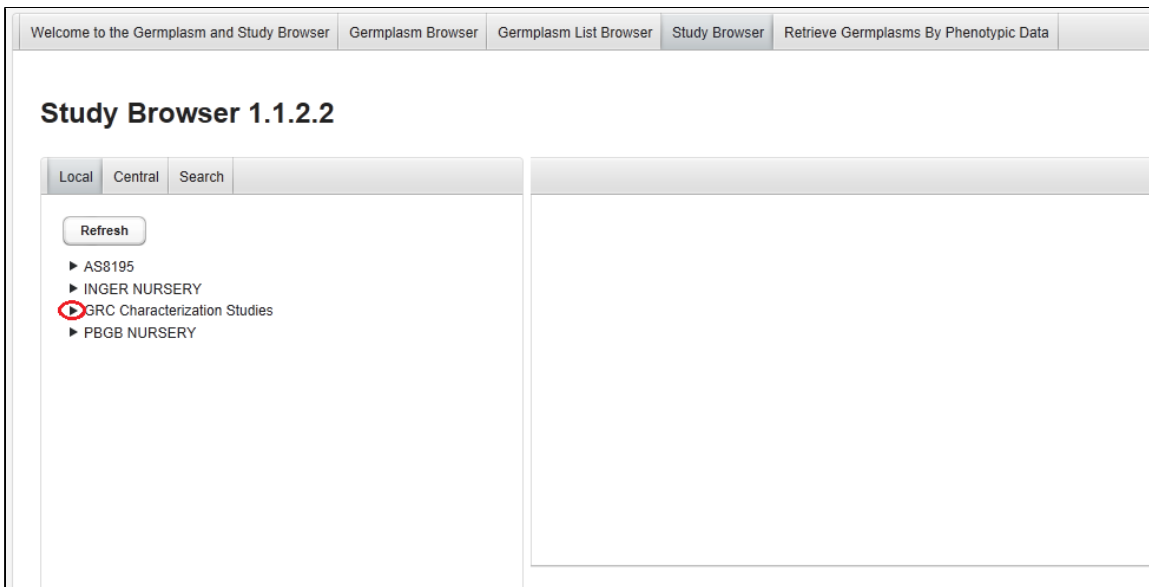
Browsing On Local Tab

On this tab, follow the steps listed below:

1. First off, a **refresh button** can be clicked to make sure that all studies in your local are up-to-date.


2. A list of study names/folder names will be displayed, choose a name of interest then left-click the **triangle symbol** beside it.

   Note: do not click the study name/folder name itself just yet.

3. Sub-lists of either study names or folder names will be displayed after left-clicking the triangle symbols, for any studies without the triangle symbol, left-click the **name** itself this time.

   This will actually display the detailed information of that selected study.
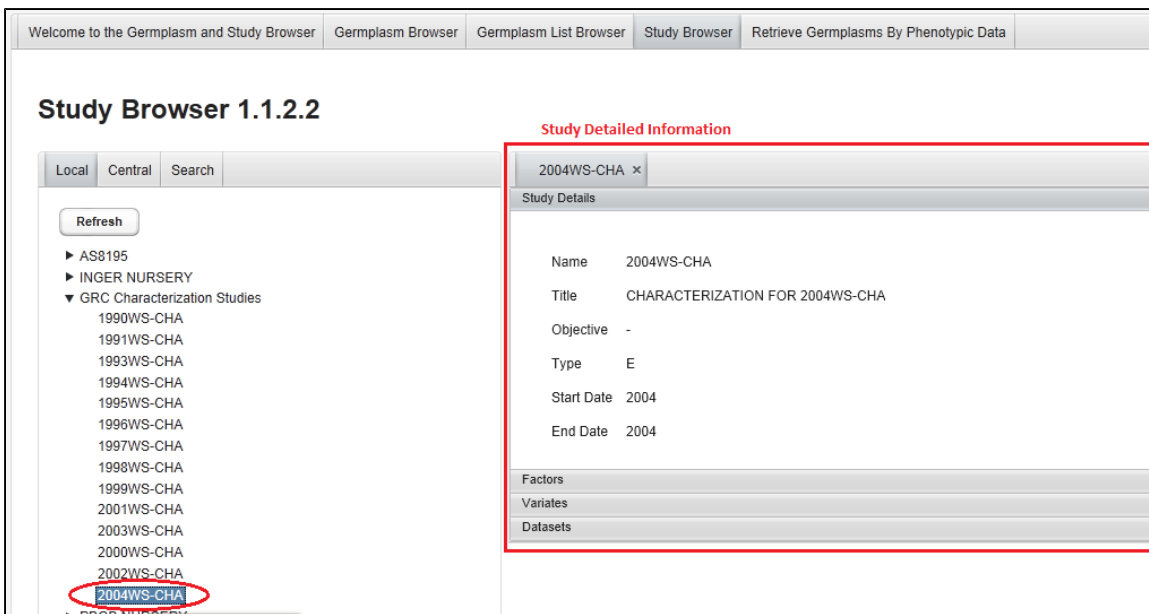
4. On the Detailed View, there are horizontal tabs available here for viewing other information of a study of interest. Click the **Factors Tab** and it will show the classifying variables of the study. (*Click image to enlarge*)

5. Next, click the **Variates Tab**, this will display the variables of a specific study that are being measured. (*Click image to enlarge*)

6. Finally, click the **Datasets Tab**, this will display the lists of datasets available for a selected study of interest.

   After selecting this tab, choose and click a **specific dataset** of interest on that list.
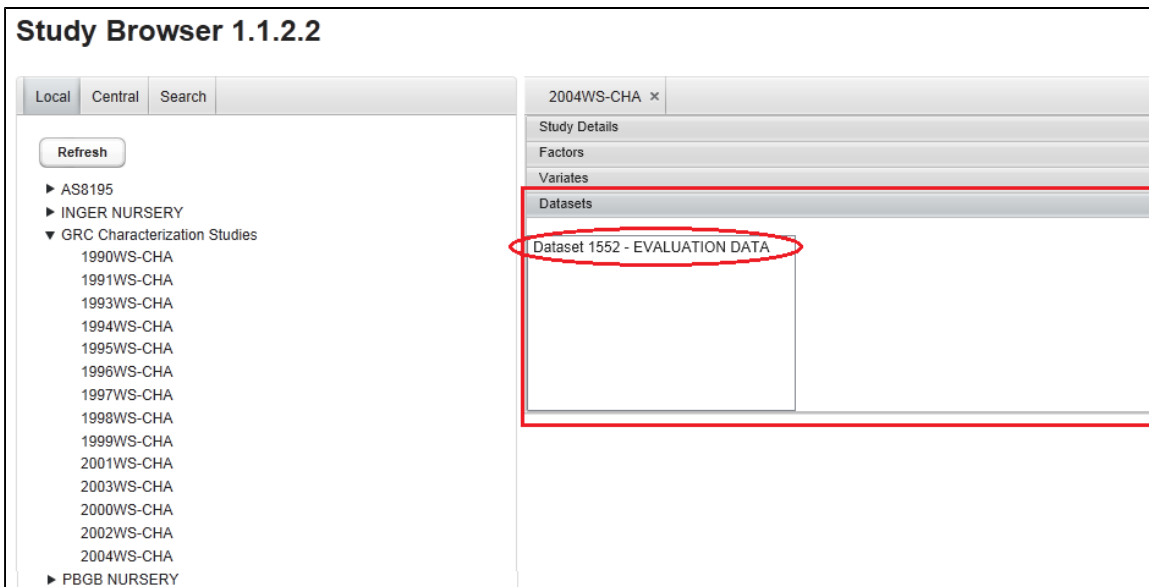
7. Upon clicking a dataset, this will open a new tab that will enable to view the detailed information of your selected dataset. (*Click image to enlarge*)

8. Going back on the list view of studies, you may be able to open and view more than one study. This is enabled via a tab view of all studies selected while using the application.

Browsing On Central Tab

On this tab, all options are the same as on the **local tab** with the exception of the not having **refresh button**:

Using the Search Tab

On this tab, you may able to do some **custom querying of studies**. Follow the steps listed below to see how it is done:

1. To start, this tab will first have an entry field for **Date**. Enter **valid numerical** date values only.

2. Next, you may enter a **name** of a study as a search filter.

3. A selection field is also available for custom querying of studies, here is the option for filtering by **country**.

Study Browser 1.1.2.2

| Local | Central | Search |

Date

[Year] [Month] [Day]

Name [   ]

Country [▾]

Season

Unknown
AFGHANISTAN
ALBANIA
ALGERIA
AMERICAN SAMOA
ANDORRA
ANGOLA
ANTARCTICA
ANTIGUA
▾
1-9/536

4. Lastly, you may also select a search filter option for **season**.

5. When satisfied with what you have selected or entered, you may press **Search** to start the query.

Study Browser 1.1.2.2

| Local | Central | Search |

Date
Year Month Day

Name

Country ALGERIA

Season WET

Search Clear

Search Result: 1272   ← **Number of hits displayed**

ID	NAME
1	HB19770
2	HB19771
3	HB19780
4	HB19781
5	HB19790
6	HB19791
7	HB19800
8	HB19801
9	HB19810
10	HB19811
11	HB19820
12	HB19821
13	HB19830
14	HB19831

Click to view study details

results can be clicked to view more detailed information on any studies chosen

6. Clicking **one or more** of the results will open a detailed view of a study/studies.

Study Browser 1.1.2.2

| Local | Central | Search |

Date [   ] [   ] [   ]
Year Month Day

Name [   ]

Country ALGERIA

Season WET

[Search] [Clear]

Search Result: 1272

ID	NAME
1	HB19770
2	HB19771
3	HB19780
4	HB19781
5	HB19790
6	HB19791
7	HB19800
8	HB19801
9	HB19810
10	HB19811
11	HB19820
12	HB19821
13	HB19830

HB19790 ×   HB19801 ×

Study Details
Factors
Variates
Datasets
Dataset of EVALUATION DATA

GRPNO	ENTRYNO	SOURCE	DESIGNATION	GID	NURSERY	YEAR
1.0	HB0131	HB433	IR11248-131-3-2-2	37537	HB	198D.
1.0	HB0151	1894	IR17488-2-3-2	41254	HB	198D.
1.0	HB0150	2155	IR15813-304-2-3	43882	HB	198D.
1.0	HB0148	1796	IR15538-338-1-2-3	40827	HB	198D.
1.0	HB0149	1885	IR15529-253-2-2-2	44003	HB	198D.
1.0	HB0155	2183	IR19255-26-2	43886	HB	198D.
1.0	HB0154	2180	IR18599-68-1	45727	HB	198D.
1.0	HB0153	HB447	IR17494-32-3-1-1-3	37341	HB	198D.
1.0	HB0152	1925	IR17494-32-2-2-1-3-3-1	99488	HB	198D.
1.0	HB0159	1659	IR19774-27-2-2-1	101158	HB	198D.
1.0	HB0158	1609	IR19723-2-2-1	52874	HB	198D.
1.0	HB0157	1980	IR19672-24-2-3	43599	HB	198D.
1.0	HB0156	2187	IR19256-88-1	43889	HB	198D.
1.0	HB0103	HB403	IR20	2298	HB	198D.
1.0	HB0162	1681	IR19816-8-1-3-2	101222	HB	198D.

[Export to Fieldbook Excel File]

7. Finally, you may press the **Clear** button to reset your entries.

This concludes the tutorial for the Study Browser Application.