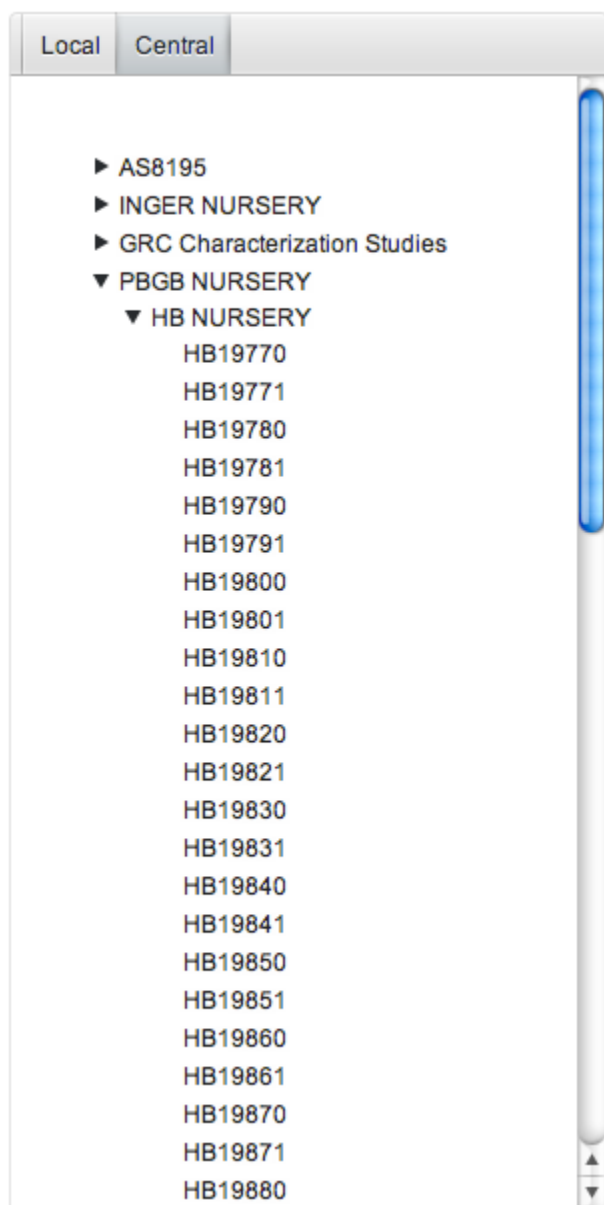


Study Browser User's Manual

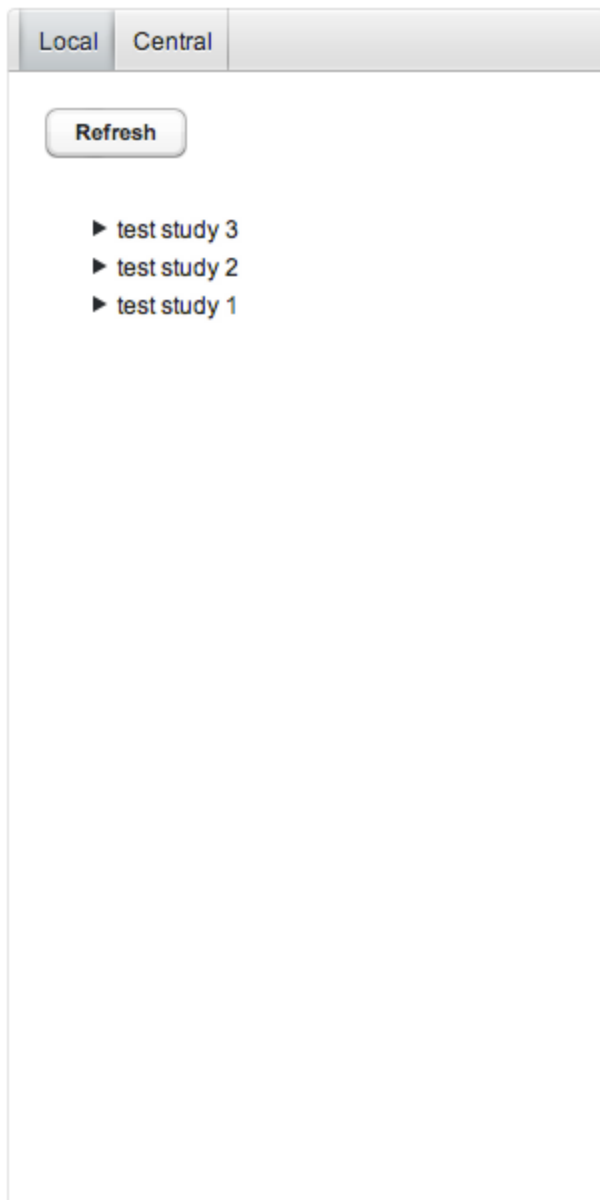
The Study Browser displays information about studies and their datasets stored in the Integrated Breeding Database (IBDB). The Study Browser can be launched from the IBP Workbench application.

Navigating the Tree of Studies

Studies are organized into hierarchies. The Tree panel of the Study Browser allows the user to navigate through this hierarchy of studies. There are two tabs, one for viewing the studies stored on the central instance of IBDB and the other for viewing the studies stored on the local instance of IBDB.



This tab displays the Tree of Studies from Central



This tab displays the Tree of Studies from Local

Actions which can be done on the Study Tree panel:

1. Clicking on the arrow on the left side of the name of a Study expands that node and displays the child nodes for that particular Study.
2. Click on a node of the tree to display the details for the selected Study. Clicking on a node with children will not open a details tab as that node represents just a folder for Studies.
3. On the Local Study Tree tab, the refresh button can be pressed to recreate the tree to include changes made to the local IBDB instance. For example, the user has created a new study using the Fieldbook and wants to view it on the Study Browser. If the study is not immediately shown on the study tree then the refresh button can be pressed to make the new study appear on the tree.

Local Central

► AS8195
► INGER NURSERY
► GRC Characterization Studies
▼ PBGB NURSERY
▼ HB NURSERY
 HB19770
 HB19771
 HB19780
 HB19781
 HB19790
 HB19791
 HB19800
 HB19801
 HB19810
 HB19811
 HB19820

HB19770 x

Study Details

Name HB19770
Title 1977 Hybridization Block, Dry Season
Objective Gid
Type N
Start Date 0
End Date 0

Factors
Variates
Datasets

Clicked on the HB 19770 node on the Study Tree to make its details tab appear on the right.

The Study Details Tab

HB19770 x HB19771 x HB19780 x **HB19781 x**

Study Details

Name HB19781
Title 1978 Hybridization Block, Wet Season
Objective Gid
Type N
Start Date 0
End Date 0

Factors
Variates
Datasets

The Study Details Tab is shown on the right of the Study Tree panel. Each tab displays information about a particular Study. The details tab has the following sections:

- Study Details - contains the basic information about the Study
- Factor - displays a table showing information about the factors of the Study, the table columns are: name, description, property, scale, method, datatype
- Variates - displays a table showing information about the variates of the Study, the table columns are: name, description, property, scale, method, datatype
- Datasets - shows the datasets of the Study. Clicking on a dataset will display the dataset table in a new tab.
- Dataset Tab - displays a particular dataset in tabular format. The dataset can be exported into a CSV file. The columns of the table can be rearranged by dragging the headers. Columns may be hidden from view as well by clicking on the drop-down arrow on the upper-right corner of the table and selecting the columns to hide. The drop-down arrow can also be used to show hidden columns.

HB19770 ×


HB19771 ×

HB19780 ×

HB19781 ×

Study Details

Factors

NAME	DESCRIPTION	PROPERTY	SCALE	METHOD	DATATY 
DESIGNATION	-	GERMPLASM IDENTIFICATION	Variety Name	Not Specified	C
ENTRYNO	-	GERMPLASM IDENTIFICATION	Entry Number	Not Specified	C
GID	-	GERMPLASM IDENTIFICATION	GID	Not Specified	N
GRPNO	-	GERMPLASM IDENTIFICATION	Arbitrary No.	Not Specified	N
NURSERY	-	NURSERY	Nursery Type	Not Specified	C
SEASON	-	CROP SEASON	Season Code 0-1	Not Specified	N
SOURCE	-	GERMPLASM IDENTIFICATION	Name of seed source	Not Specified	C
STUDY	-	STUDY	Name	Not Specified	C
YEAR	Date when measurements or observations are made	TIME OF MEASUREMENT/ OBSERVATION	Year (YYYY)	Not Specified	N

Variates

Datasets

Dataset of EVALUATION DATA

The Study Details tab with the Factors table being shown

HB19770 ×	HB19771 ×	HB19780 ×	HB19781 ×	IIRYN-E-1997 ×	
Study Details					
Factors					
Variates					
Datasets					
Dataset 1215 - LOCAL PROFILE & TRIAL DESCRIPTION Dataset 1216 - MONTHLY CLIMATE DATA Dataset 1217 - EVALUATION DATA					

The Study Details tab with the list of datasets being shown

Exporting a Dataset to a CSV file

HB19770 ×

HB19771 ×

HB19780 ×

HB19781 ×

Study Details

Factors

Variates

Datasets

Dataset of EVALUATION DATA

GRPNO	ENTRYNO	SOURCE	DESIGNATION	GID	NURSERY	YEAR	SEASON	STUDY	PLTVG	MATURITY	PLTHGT	TILL
1.0	HB0303	HB3	IR20	2298	HB	1977.0	0.0	HB19770	5.0	120.0	95.0	2.0
1.0	HB0313	HB17	IR2061-465-1-5-5	11072	HB	1977.0	0.0	HB19770	7.0	105.0	90.0	3.0
1.0	HB0314	HB18	IR2061-522-6-9	9818	HB	1977.0	0.0	HB19770	7.0	105.0	115.0	4.0
1.0	HB0317	HB22	IR2071-105-9-1	12586	HB	1977.0	0.0	HB19770	5.0	115.0	90.0	3.0
1.0	HB0318	HB23	IR2071-137-5-5-1	15149	HB	1977.0	0.0	HB19770	7.0	110.0	90.0	3.0
1.0	HB0321	HB26	IR2153-26-3-5-6	11135	HB	1977.0	0.0	HB19770	7.0	120.0	100.0	3.0
1.0	HB0322	HB28	IR2153-338-3	13128	HB	1977.0	0.0	HB19770	7.0	110.0	100.0	3.0
1.0	HB0304	HB4	IR22	2722	HB	1977.0	0.0	HB19770	7.0	120.0	90.0	3.0
1.0	HB0324	HB30	IR2307-217-2-3	15769	HB	1977.0	0.0	HB19770		108.0	84.0	1.0
1.0	HB0325	RYT1025	IR2307-247-2-2-3	21263	HB	1977.0	0.0	HB19770	5.0	115.0	87.0	13.0
1.0	HB0323	HB29	IR2307-84-2-1-2	19822	HB	1977.0	0.0	HB19770		114.0	92.0	1.0
1.0	HB0305	HB5	IR24	2444	HB	1977.0	0.0	HB19770	5.0	125.0	95.0	1.0
1.0	HB0306	HB6	IR26	7845	HB	1977.0	0.0	HB19770	7.0	130.0	95.0	2.0
1.0	HB0326	RYT1283	IR2786-113-4-3-1-3	27176	HB	1977.0	0.0	HB19770	5.0	127.0	100.0	12.0
1.0	HB0327	HB32	IR2793-80-2-2	20908	HB	1977.0	0.0	HB19770		126.0	113.0	3.0

Export to CSV

The Study Details tab with a dataset table being displayed.

1. Open a Dataset tab for a particular Study on its Details Tab.
2. Press the "Export to CSV" button.
3. Take note of the progress indicator on the upper right corner of the Study Browser.
4. A CSV file with the name "Dataset-Study[id of the study being viewed]-Rep[id of the representation/dataset selected].csv" will be automatically downloaded by the browser being used.