

The ARCANÉ DataBase

Basic information for users

DB presentation shown in Bern
December 9, 2011

by

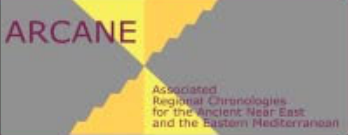
Stefano Anastasio, Pino Fenu, Francesco Saliola

Dataset populated with the inventories provided up to
November 1st, 2011



Browsing the DB


It is possible to browse the DB through two main layouts:
a "simplified" one (LIST) and a complete one (SEARCH).



ARCANE
Associated
Regional Chronologies
for the Ancient Near East
and the Eastern Mediterranean

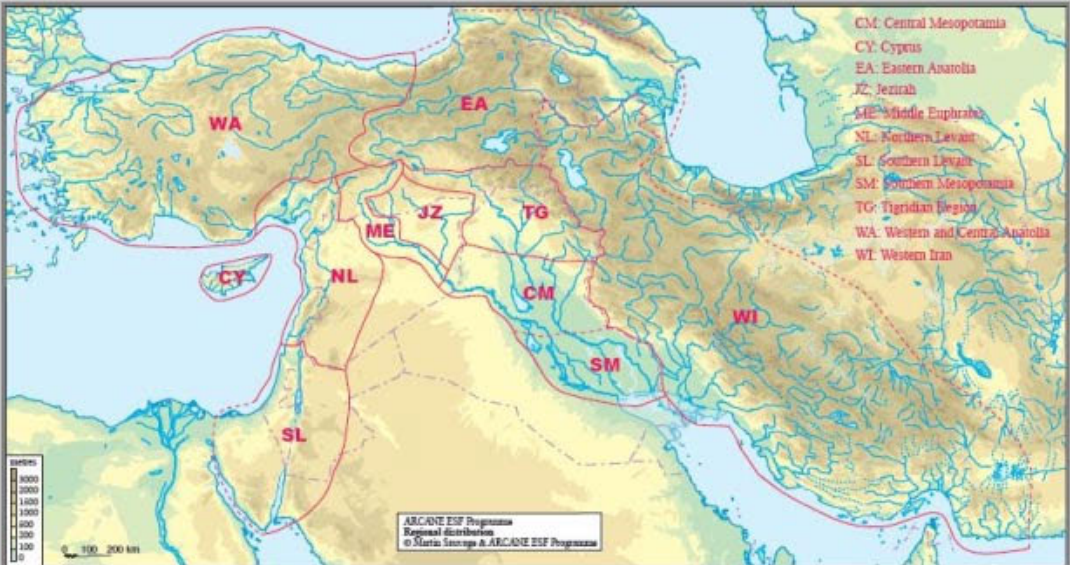
ARCANE Project

Synchronizing Cultures and Civilizations
for the Ancient Near East and the Eastern Mediterranean
in the Third Millennium BC



EUROPEAN
SCIENCE
FOUNDATION
SETTING SCIENCE AGENDAS FOR EUROPE

SITE	168	List <input type="checkbox"/>	Search <input type="checkbox"/>
COMPLEX	317	List <input type="checkbox"/>	Search <input type="checkbox"/>
UNIT	681	List <input type="checkbox"/>	Search <input type="checkbox"/>
INVENTORY	834	List <input type="checkbox"/>	Search <input type="checkbox"/>
POTTERY	8246	List <input type="checkbox"/>	Search <input type="checkbox"/>
OBJECT	3650	List <input type="checkbox"/>	Search <input type="checkbox"/>
BIBLIOGRAPHY	1505	List <input type="checkbox"/>	



CM: Central Mesopotamia
CY: Cyprus
EA: Eastern Anatolia
JZ: Jezirah
ME: Middle Euphrate
NL: Northern Levant
SL: Southern Levant
SM: Southern Mesopotamia
TG: Tigris region
WA: Western and Central Anatolia
WI: Western Iran

ARCANE ESF Programme
Regional distribution
© Maria Inês de A. ARCANE ESF Programme

Exit

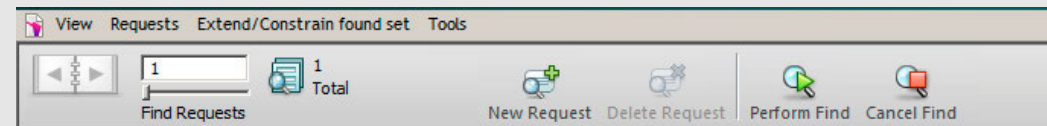


Display, browsing & search functions

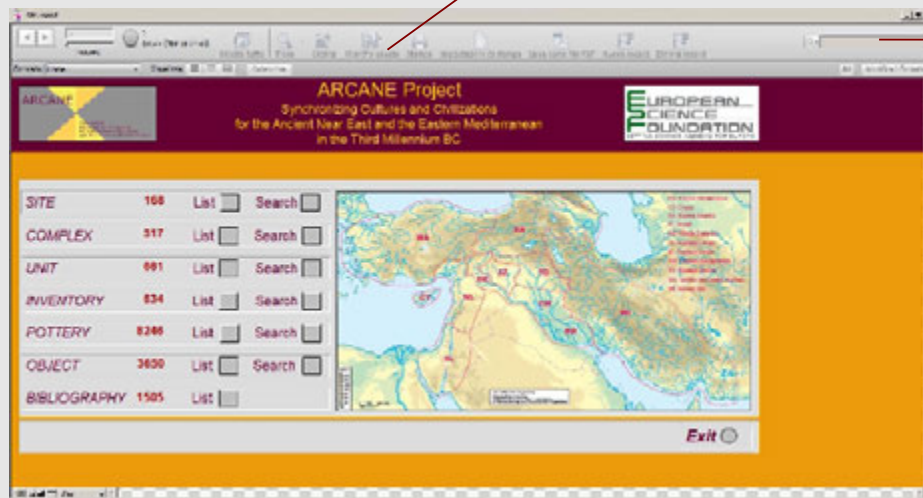
The top menu is used to search and sort.

The zoom control is on the bottom left part of the window.

Additional features are available on the different tables.



To search and sort records.



To zoom in and out.



To perform "global" searches within all fields.



FileMaker Pro Advanced - [ricerca - Copia (2)]

Vai al Record Visualizza Richieste Strumenti

Record 133 Totale (Non ordinati) 168

Mostra tutto Trova Ordina Ricerche salvate Stampa Impostazioni di stampa Salva come file PDF Nuovo record Elimina record

Formato: Site list Visualizza: Anteprima

Go to menu Exit

Site ID	Site label	Country	Administrative district	Modern name	Complex n.	Unit n.	Inventory n.	Pottery n.	Object n.	Biblio. ref.
WI007	Tol-e Nurabad	Iran	Fars Province, Baiza district	Tal-e Malyan	8	2	10	152	228	3
WI009	Tol-e Nurabad	Iran	Fars Province, Mamasani District	Tol-e Nurabad	2	2	4	58	5	1
WI011	Tappe Sialik	Iran	Esfahan Province	Tappe Sialik	1	2	3	3	20	2
WI014	Gijlar Tappe	Iran	Western Azarbaijan	Gijlar	1	0	0	0	0	3
WI015	Hasanlu Tappe	Iran	Western Azarbaijan	Hasanlu	1	0	0	0	0	2
WI017	Haftavan	Iran	Western Azerbaijan	Haftavan Tepe	3	0	0	0	0	5
WI019	Shahdad	Iran	Kerman	Shahdad	0	0	0	0	0	1
WI022	Konar Sandal	Iran	Kerman	Konar Sandal South	0	0	0	0	0	1
SM002	Wilaya	Iraq	Wasit	Al-Wilaya	2	5	10	9	6	2
SM011	Umma	Iraq	Al-Nasiriya	Jokha	3	9	9	14	14	1
SM014	Hiba	Iraq	Nasiriya	Tell al-Hiba	2	11	13	88	32	9
SM004	Nippur	Iraq	Al-Qadisiyah	Nuffar	9	25	27	129	104	13
CM005	Mani	Syria	Deir-ez-Zor	Tell Hariri	11	11	11	151	290	1
CM010	Kheit Qasim	Iraq	Diyala	Khait Qasim I	0	5	5	14	0	5

100% Usa

IT 06:46

The SEARCH layout allows to navigate data within all tables, with summaries concerning each table. Records can be sorted by clicking on each label on top, as well as queried in their complete tables (e.g., complexes, units, pottery, objects and bibliographic references of any site in this example).



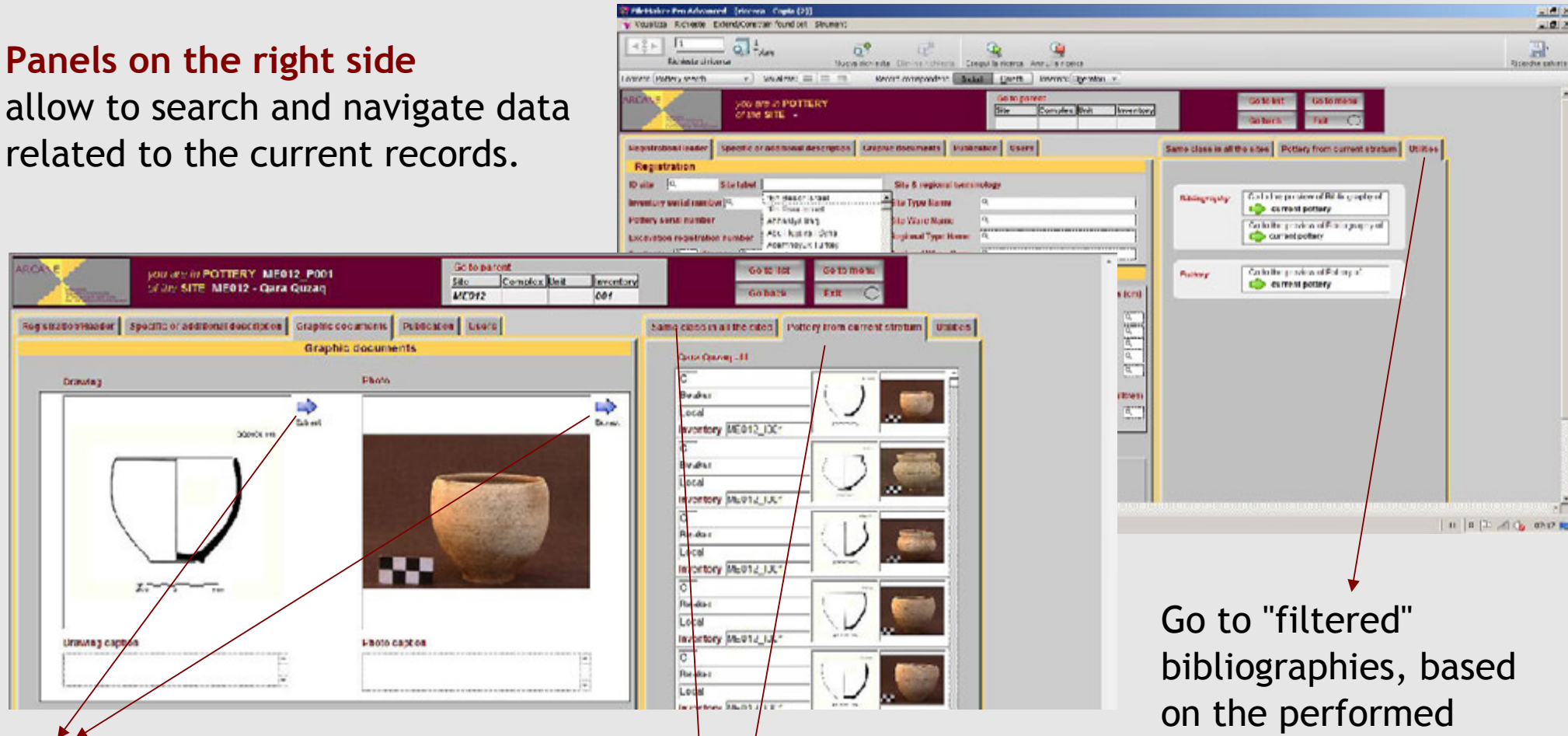
The **SEARCH layout** allows detailed queries concerning all data. Pre-arranged values lists make the queries easier.

You can perform single" queries, or select the "Extend/Constrain found set" menu entry to refine your search.

The menu on top and the tabs on the right allow to navigate the records that are related to the one which is currently shown on the left.



Panels on the right side
allow to search and navigate data
related to the current records.

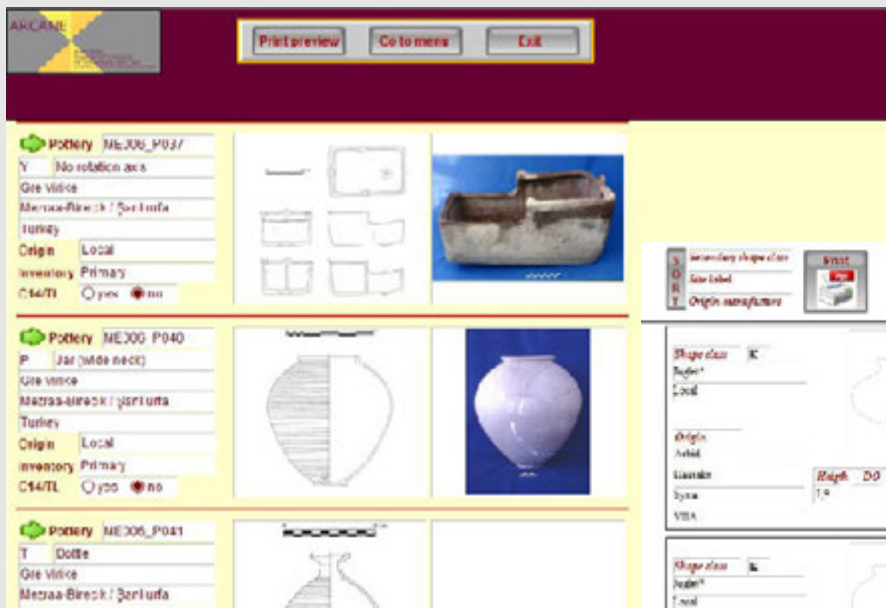


Extract and save images.

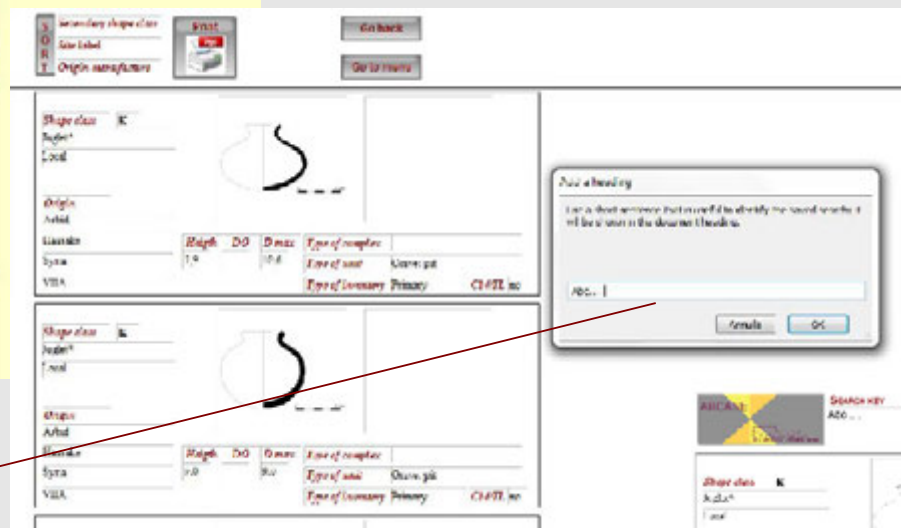
Go to "filtered"
bibliographies, based
on the performed
searches.

For Pottery: view the same shape type in all sites or view all the pottery
coming from the same stratum in the current site. Different options
are available in the other tables.



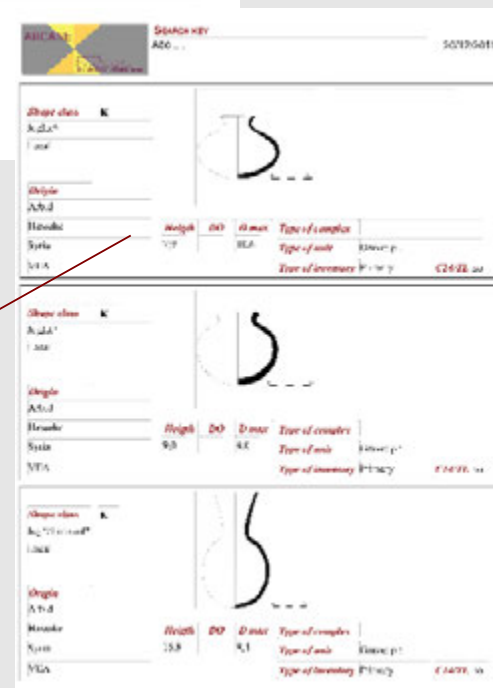


Perform queries,
sort the results,
print reports

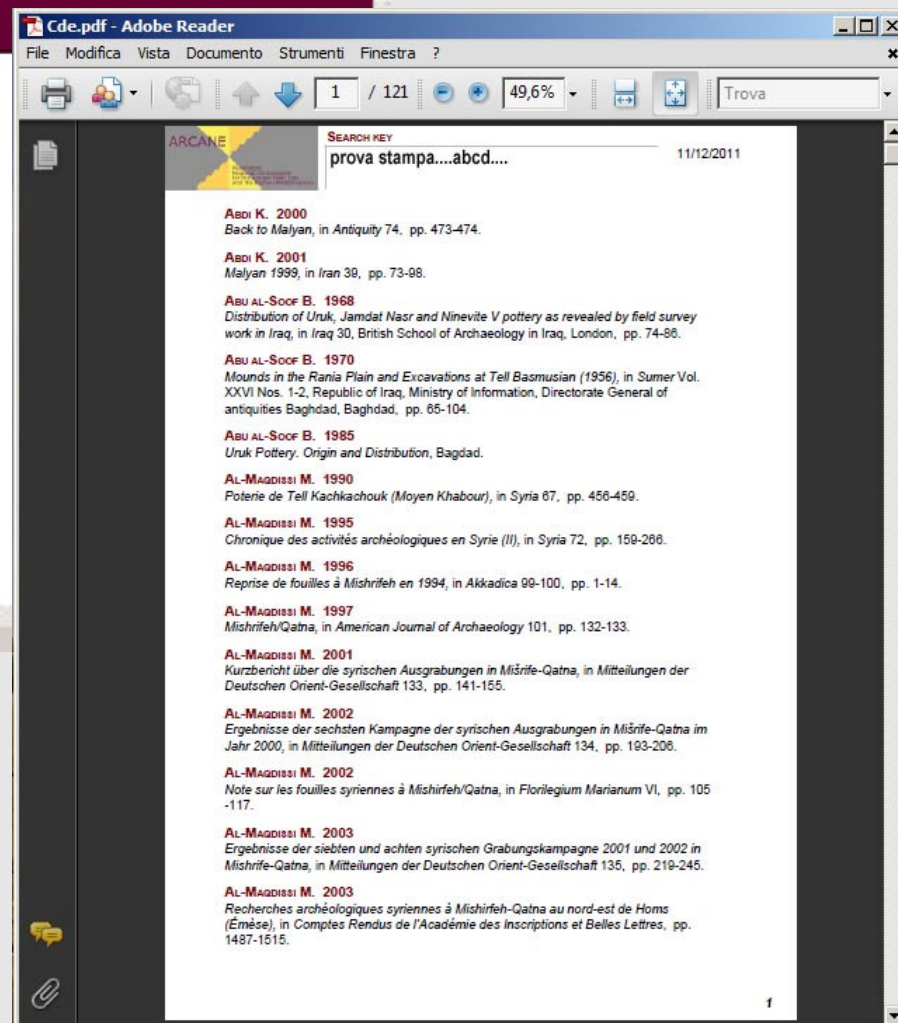
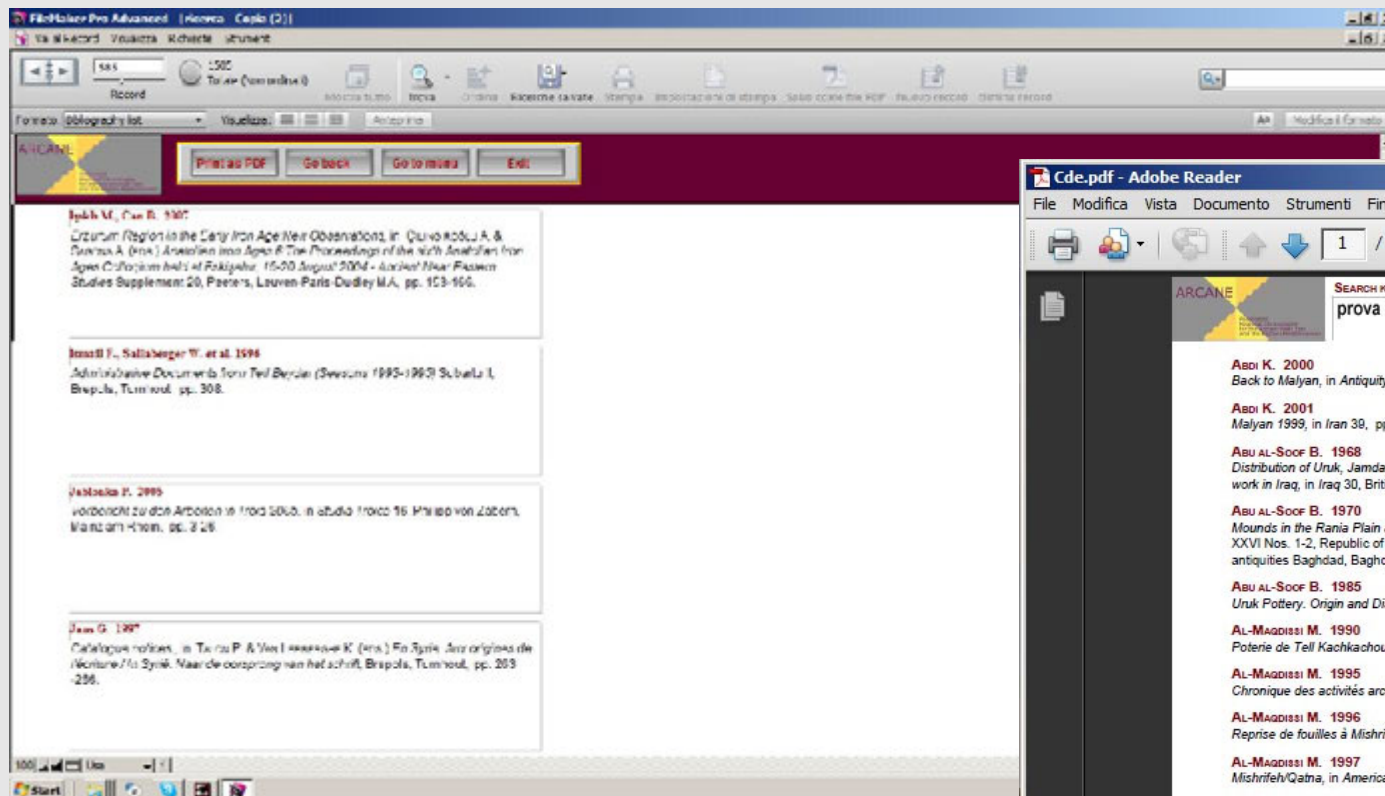


Add a personal note to better
describe the results
of your search.

Print the results of
your search on hard
copy or PDF (provided
that you have any PDF
printer installed on your
computer).



Bibliography



You can make bibliographic searches in any layout. The results can be refined based on your detailed queries. You can print them on paper or as a PDF.



The future of the DataBase

Main biases in the current data set to be improved

- Scanty amount of C-14 data **related** to the chosen inventories.
- Data from different regions are not '**weighted**', therefore the DB has some inconsistencies.
- The data-managing **workflow** must be easier and understandable. All the involved actors must be motivated and aware of the process.

Regions	Sites	Inventories
CM	2	16
CY	19	93
EA	5	17
JZ	17	130
ME	16	68
NL	7	57
SL	27	77
SM	4	59
TG	24	124
WA	17	78
WI	15	115
		834



C-14 data

The C-14 table for data entry, provided in July 2010. C-14 data are related to inventories. This can also be a flexible tool for queries when populated with a good amount of data.

C14 **ARCANE** Associated Regional Chronologies for the Ancient Near East and the Eastern Mediterranean

you are in **C14 Dates**
Sample ID
Inventory ID from SITE

[C14 Help](#) [Go to menu](#) [Exit](#)

Registration/Header Analytical procedure and comments Calibration graph Publication Users

Registration

INSERT MODE
FIND MODE

Total records: 0

NAVIGATION
◀ ▶
0 of 0

ADD NEW RECORD
DELETE RECORD

Inventory ID **Sample SN** **Determination ordinal**

Excavation registration number

Sample ID

Related to:
site **complex** **unit**

inventory type **general stratum** **local stratum**

Header

Lab's name

Lab's number for the sample

Date BP **± (1 sigma)**

Sample type **Sample characteristics**

Sample status **Species**

Collection method

Total records 0 [Show report](#)

Site label **Sample ID** **Date BP**

All C14 date(s) from the current inventory 0 [Show report](#)

Site label **Sample ID** **Date BP**

All sites 0 **Current region** 0 **Current site** 0

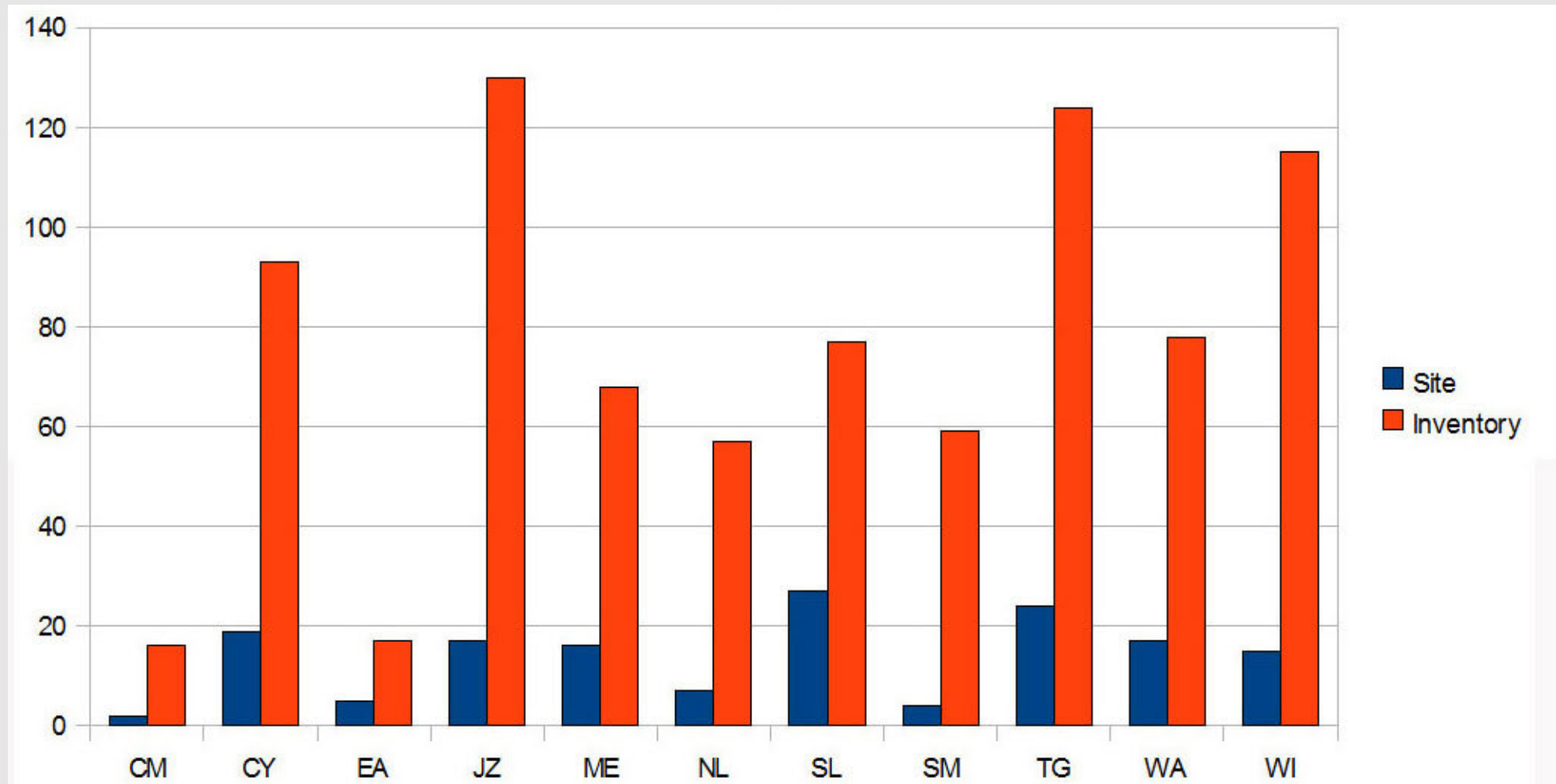
Similar date(s) (enter a ± range) 50 [Show report](#)

Site label **Sample ID** **Date BP**



Data 'weight' and consistency

Some regions are underrepresented. More sites and inventories (hopefully with good C-14 data) could be added, in order to make the whole data set more balanced.



The schema proposed at the beginning of the Project (from “Guidelines”)

Workflow issues

- Workflow must be easier
- People must comply with it

Suggestions:

In each Regional Group, keep the “Scientific Validation” and the “Technical Management of the DB” more separated.

One person per region should be in charge of the data to be merged into the DB.

Do not give duties concerning the database management to Team Leaders who should mainly supervise the scientific validation.

