

WEBLUN ©

Web sites manager of the Virtual Moon Atlas

Documentation for the version 8

***Welcome in "WEBLUN », the lunar Web sites management module
incorporated into the "Virtual Moon Atlas".***

As amateur astronomers, we continue to improve the VMA in the mean of conceiving an always more useful software for lunar observers easy to use "in the field".

We always try to define the more easy to use abilities and interface.

Here is why we have incorporated in the VMA, a database manager called "**WEBLUN**" (Copyrighted name) that allows you if you have an Internet link to connect to lunar specialized Web sites.

It contains the most useful functionalities. We wish you to read this documentation while using the module to discover all the functions.

Good use and we hope that you will appreciate this new software and that you will promote it around you.

Thank you very much for your confidence.

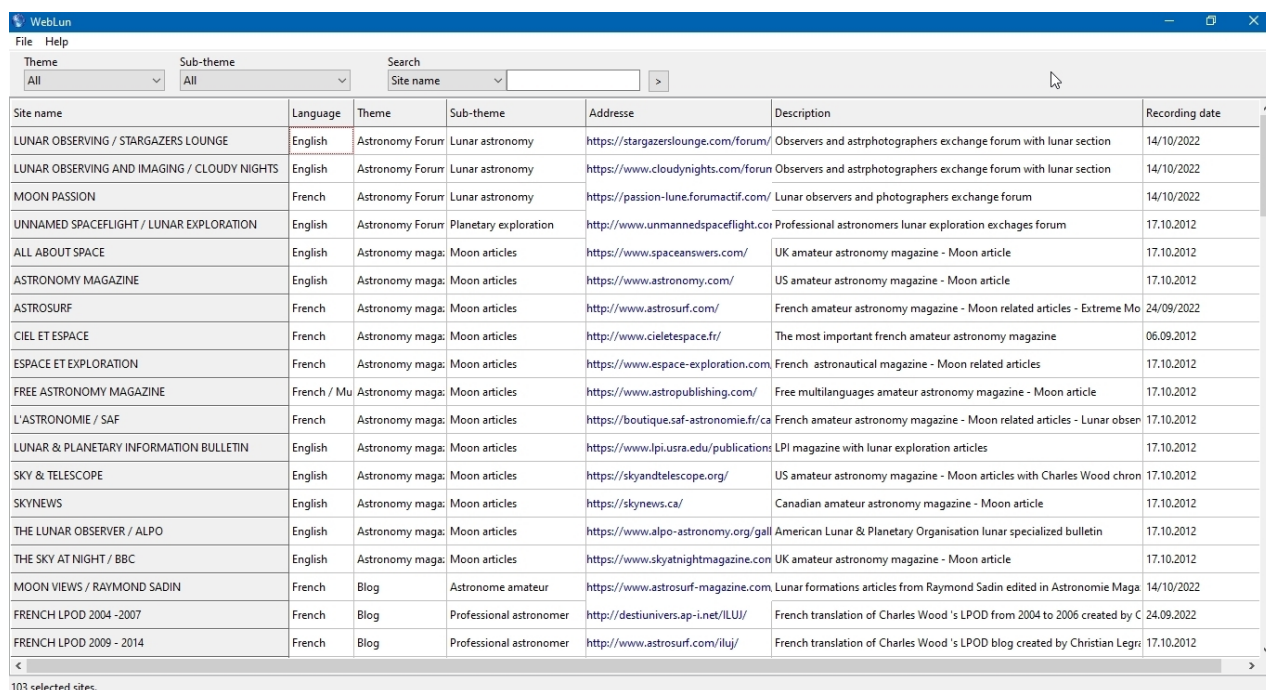
Christian Legrand & Patrick Chevalley

THE WEBLUN MODULE :

WEBLUN © is a module of the "Virtual Moon Atlas" managing a specialized lunar Web sites database.

It can be launched from the "**Command Center**" if you click on the **WEBLUN** button or in the ATLUN module if you use the **WEBLUN** button in the buttons bar. You can also launch it with the context menu "**Right click**".

THE WEBLUN SCREEN



The screenshot shows the Weblun application window with a menu bar (File, Help) and a search bar. Below the search bar is a table with 7 columns: Site name, Language, Theme, Sub-theme, Adresse, Description, and Recording date. The table lists various lunar-related websites, including forums, magazines, and bulletins. At the bottom, it indicates '103 selected sites.'

Site name	Language	Theme	Sub-theme	Adresse	Description	Recording date
LUNAR OBSERVING / STARGAZERS LOUNGE	English	Astronomy Forum	Lunar astronomy	https://stargazerslounge.com/forum/	Observers and astrphotographers exchange forum with lunar section	14/10/2022
LUNAR OBSERVING AND IMAGING / CLOUDY NIGHTS	English	Astronomy Forum	Lunar astronomy	https://www.cloudynights.com/forum	Observers and astrphotographers exchange forum with lunar section	14/10/2022
MOON PASSION	French	Astronomy Forum	Lunar astronomy	https://passion-lune.forumactif.com/	Lunar observers and photographers exchange forum	14/10/2022
UNNAMED SPACEFLIGHT / LUNAR EXPLORATION	English	Astronomy Forum	Planetary exploration	http://www.unmannedspaceflight.com	Professional astronomers lunar exploration exchages forum	17.10.2012
ALL ABOUT SPACE	English	Astronomy maga:	Moon articles	https://www.spaceanswers.com/	UK amateur astronomy magazine - Moon article	17.10.2012
ASTRONOMY MAGAZINE	English	Astronomy maga:	Moon articles	https://www.astronomy.com/	US amateur astronomy magazine - Moon article	17.10.2012
ASTROSURF	French	Astronomy maga:	Moon articles	http://www.astrosurf.com/	French amateur astronomy magazine - Moon related articles - Extreme Mo	24/09/2022
CIEL ET ESPACE	French	Astronomy maga:	Moon articles	http://www.cieletespace.fr/	The most important french amateur astronomy magazine	06.09.2012
ESPACE ET EXPLORATION	French	Astronomy maga:	Moon articles	https://www.espace-exploration.com	French astronautical magazine - Moon related articles	17.10.2012
FREE ASTRONOMY MAGAZINE	French / Mu	Astronomy maga:	Moon articles	https://www.astropublishing.com/	Free multilanguages amateur astronomy magazine - Moon article	17.10.2012
L'ASTRONOMIE / SAF	French	Astronomy maga:	Moon articles	https://boutique.saf-astronomie.fr/ca	French amateur astronomy magazine - Moon related articles - Lunar obser	17.10.2012
LUNAR & PLANETARY INFORMATION BULLETIN	English	Astronomy maga:	Moon articles	https://www.lpi.usra.edu/publications	LPI magazine with lunar exploration articles	17.10.2012
SKY & TELESCOPE	English	Astronomy maga:	Moon articles	https://skyandtelescope.org/	US amateur astronomy magazine - Moon articles with Charles Wood chron	17.10.2012
SKYNEWS	English	Astronomy maga:	Moon articles	https://skynews.ca/	Canadian amateur astronomy magazine - Moon article	17.10.2012
THE LUNAR OBSERVER / ALPO	English	Astronomy maga:	Moon articles	https://www.alpo-astronomy.org/gall	American Lunar & Planetary Organisation lunar specialized bulletin	17.10.2012
THE SKY AT NIGHT / BBC	English	Astronomy maga:	Moon articles	https://www.skyatnightmagazine.com	UK amateur astronomy magazine - Moon article	17.10.2012
MOON VIEWS / RAYMOND SADIN	French	Blog	Astronome amateur	https://www.astrosurf-magazine.com	Lunar formations articles from Raymond Sadin edited in Astronomie Maga	14/10/2022
FRENCH LPOD 2004 -2007	French	Blog	Professional astronomer	http://destinivers.ap-i.net/ILUJ/	French translation of Charles Wood 's LPOD from 2004 to 2006 created by C	24.09.2022
FRENCH LPOD 2009 - 2014	French	Blog	Professional astronomer	http://www.astrosurf.com/iluj/	French translation of Charles Wood 's LPOD blog created by Christian Legri	17.10.2012

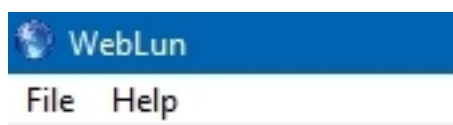
WEBLUN screen is in a "Windows" frame. As all the Windows frames, you can minimize or maximize its size with clicking on the buttons on the right of the menu bar.

It's possible to open simultaneously the **ATLUN** and **WEBLUN** modules, so that you can continue your lunar survey while connecting to the Web sites.

WEBLUN window presents :

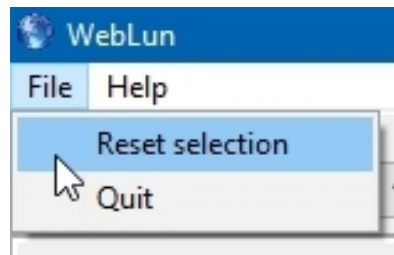
- The **Menus bar**
- The "**List**" window
- The **Status bar**

THE MENUS BAR



THE "FILE" MENU

Traditional in all Windows (R) software, in **WEBLUN**, its role is only to come back to default settings and to quit **WEBLUN**.



"Reset selection" FUNCTION

Activating this function will come back to the complete database rather than the short list you have selected

"Quit" FUNCTION

This allows you to quit **WEBLUN** while closing the database and keeping all the settings about the base, the columns and the selection you have previously done.

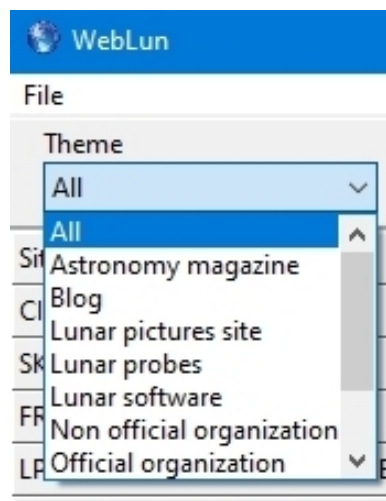
THE SORTING FIELDS



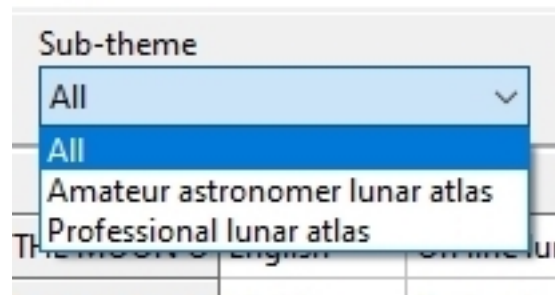
Three sorting fields allow you to select Web sites with common points in the following database fields :

- Theme
- Sub-theme
- Search

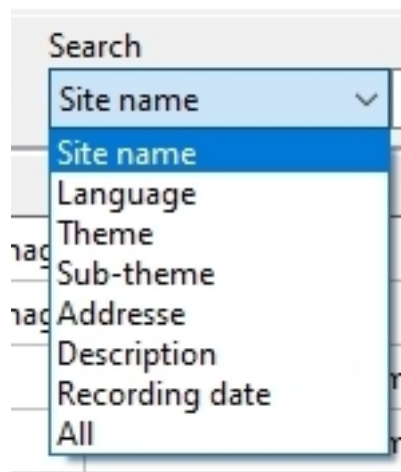
The field « **Theme** » allows you to select sites on a selected theme that you can choose in the scrolling list.



The field « **Sub-theme** » allows you to select sites on a selected theme that you can choose in the scrolling list.



The two "**Search**" fields allow you to select sites presenting in the field selected by the scrolling list at left and containing the alphanumerical chain that you enter in the right field.



THE "SELECTED LIST" WINDOW

The selected list window presents others functions useful for the datas sorting.

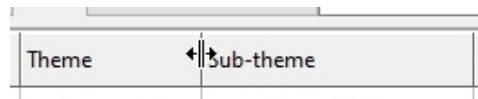
Site name	Language	Theme	Sub-theme	Adresse	Description	Recording date
ISRO / CHANDRAYAAN 1	English	Lunar probe	Chandrayaan 1	http://www.chandrayaan-1.com/index.php	Official site of Chandrayaan 1 mission of India Space Research Organisation	30/06/2011
CNSA / CHANG'E 1	English	Lunar probe	Chang'e 1	http://www.cnsa.gov.cn/h615709/h7725	Official site of Chang'e 1 mission of China National Space Agency	30/06/2011
LPI / THE CLEMENTINE MISSION	English	Lunar probe	Clementine	http://www.lpi.usra.edu/expmoon/clem/	Clementine mission description by Lunar and Planetary Institute with links	30/06/2011
NSSDC / CLEMENTINE 1994	English	Lunar probe	Clementine	http://nssdc.gsfc.nasa.gov/planetary/lun/	Clementine mission description by National Space Science Data Center with links	30/06/2011
THE CLEMENTINE MISSION	English	Lunar probe	Clementine	http://www.cmf.nrl.navy.mil/clementine/c	Clementine mission description by Naval Research Laboratory	30/06/2011
USFS ASTROGEOLOGY SCIENCE CENTER / CLEMEN	English	Lunar probe	Clementine	http://astrogeology.usgs.gov/Missions/C/	Clementine mission description by US Geological Survey with links	30/06/2011
JAXA / KAGUYA	English	Lunar probe	Kaguya	http://www.kaguya.jaxa.jp/index_e.htm	Official site of Kaguya mission of Japan Aerospace Exploration Agency	30/06/2011
JAXA / KAGUYA IMAGE GALLERY	Japanese	Lunar probe	Kaguya	http://wms.selene.jaxa.jp/selene_viewer	Pictures from Kaguya mission of Japan Aerospace Exploration Agency. Link toward	30/06/2011
NASA / LCROSS HOMEPAGE	English	Lunar probe	LCROSS	http://cross.arc.nasa.gov/	Official site of Lunar Crater Observation and Sensing Satellite NASA mission	30/06/2011
NASA / LRO HOMEPAGE	English	Lunar probe	LRO	http://lunar.gsfc.nasa.gov/	Official site of Lunar Reconnaissance Orbiter NASA mission	30/06/2011
NASA / LRO IMAGES	English	Lunar probe	LRO	http://www.nasa.gov/mission_pages/LRO	LRO NASA probe pictures	30/06/2011
NASA / LROC QUICKMAP	English	Lunar probe	LRO	http://target.lroc.asu.edu/dal/qmap.html	Online lunar map combining LRO WAC and NAC pictures and reaching 1 meter reso	30/06/2011
LCP / LUNAKHOD 1 PANORAMAS	English	Lunar probe	Lunakhod 1	http://www.planetology.ru/panoramas/lun/	Lunakhod 1 soviet probe panoramas processed by Laboratory for Comparative Pla	30/06/2011
LCP / LUNAKHOD 2 PANORAMAS	English	Lunar probe	Lunakhod 2	http://planetology.ru/panoramas/lunokho	Lunakhod 2 soviet probe panoramas processed by Laboratory for Comparative Pla	30/06/2011
MOONVIEWS	English	Lunar probe	Lunar Orbiter	http://www.moonviews.com	Lunar Orbiter Image Recovery Project	30/06/2011
USGS / LUNAR ORBITER DIGITIZATION PROJECT	English	Lunar probe	Lunar Orbiter	http://astrogeology.usgs.gov/Projects/Lu	Digitization of Lunar Orbiter probes pictures	30/06/2011
LUNAR PROSPECTOR HOMEPAGE	English	Lunar probe	Lunar Prospector	http://lunar.arc.nasa.gov/	Official site of Lunar prospector NASA mission	30/06/2011
NASA / LUNAR TIMELINE	English	Lunar probe	Lunar probes	http://solarsystem.nasa.gov/missions/pro	Liste of lunar probes from NASA with a brief description	30/06/2011
ESA / SMART 1 HOMEPAGE	English	Lunar probe	Smart 1	http://www.esa.int/esa/SMART-1/SEM/	Official site of European Space Agency Smart 1 mission	30/06/2011
ESA / SMART 1 IMAGES	English	Lunar probe	Smart 1	http://www.esa.int/esa-mm/mmq.pl?b=1	European Space Agency probe Smart 1 pictures	30/06/2011
NSSDC / SOVIET MISSIONS TO THE MOON	English	Lunar probe	Soviet probes	http://nssdc.gsfc.nasa.gov/planetary/lun/	Luna and Zond soviet missions description by National Space Science Data Center	30/06/2011
VIRTUAL SPACE MUSEUM	English	Lunar probe	Soviet probes	http://www.vsm.host.ru/main.htm	Russian site about Luna and Lunakhod probes	30/06/2011

First note that the left column displaying the site name on a gray background is mandatory and can't be removed. Lifters on the right and the bottom of the window allow the list to move.

If you click on the grey title of one column, the list is resorted by numerical (if the field is numerical) or alphabetical (if the field is alphabetical) order **increasing**. **If you click a second time, the list is resorted in decreasing order.**

"COLUMN WIDTH" FUNCTION

You can adjust columns width if you place the mouse cursor on its limit in the title bar. The cursor becomes a moving vertical line allowing the width setting..



Push the left mouse button, stay pushed and go on left or right to increase or decrease the column width.

OTHERS FUNCTIONS

If you can't display a complete field because it's too long (as DESCRIPTION_SITE), place the mouse cursor on it. A "bubble" appears containing all the field.

Also, if you double-click a line, your Web browser is launched and it connects to the address of the site.

THE STATUS BAR



The status bar shows on the left the total number of selected lines.

THE WEBLUN DATABASE :

DATABASE PRESENTATION

This database is certainly and presently the most complete possible. Inside, you will find near one hundred interesting Web sites for Moon observing and survey with also sites telling the lunar exploration.

The database is continuously update by Christian Legrand.

We are listening our VMA users that could indicate us new lunar Web sites, but we can't guarantee that it would be included in the database.

DATABASE DESCRIPTION

You will find the following fields :

SITE_NAME :

A concise name of the site briefly describing the site if possible

NOM_SITE :

French translation of SITE_NAME

LANGUAGE :

Native language of the site. If another language version exists, it will be indicated as « Japanese / english » for example. If several languages are available, it will be indicated as "Multilingual".

LANGUE :

French translation of LANGUAGE

THEME_EN :

The main theme of the site. The main themes list is :

- General site
- Lunar atlas
- Lunar probe
- Lunar pictures site
- Official organism
- Non official organism
- Online books
- Astronomy magazine
- Lunar software

THEME_FR :

French translation of THEME_EN

SUB_THEME :

For some themes, it's possible to sort the sites with sub-themes. For example, the "Lunar probe" Theme has been subdivided for each of the lunar probes existing. In the same way, the theme "SpD Dans certains thèmes, il est possible de classer les sites en sous-thèmes. Ainsi le thème « Sonde lunaire » est subdivisé pour chacune des sondes lunaires. De même, le thème « Site spécialisé » est subdivisé dans les sous-thèmes suivants :

- General
- Observing guides
- Volcanism
- Mineralogy
- Anomalies and LTP
- Selenography
- Nomenclature
- Eclipses
- Links list

SOUS_THEME :

French translation of SUB_THEME

ADDRESS :

The web site address as it has been recovered at the mentioned date in RECORDING_DATE. It's an Internet link directly clickable.

DESCRIPTION_EN :

A brief description of the site introducing the main informations that make it attractive

DESCRIPTION_FR :

French translation of DESCRIPTION_EN

RECORDING_DATE :

The recording date in the database of the Web site ADDRESS. This permits to actualize more easily the oldest addresses

DATE_ENREGISTREMENT :

Franch translation of RECORDING_DATE.

RECORDING NEW WEB SITES IN WEBLUN

You have realized an Internet site about the Moon and it's not in the WEBLUN © database ?

You can indicate it to us so that we can evaluate the interest for placing it in the database. Please contact Ch. Legrand at chlegrand@free.fr.

We are looking for sites with the following themes :

- Site presenting lunaramateur images with a very high resolution (about 0,5 to 1 km/pix)
- Site describing lunar formations

The authors will decide the inclusion or not in the database. If not, suggestions will be indicated to you to conform to the **WEBLUN** needs..

COPYRIGHTS

WEBLUN and WEBLUN database informations are copyrighted by Christian Legrand.

All use of WEBLUN outside of the Virtual Moon Atlas must obtain first the authorization of the authors.

"WEBLUN" MANUAL END

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The authors kindly ask users to report any errors found in this manual to them through the website forum..