



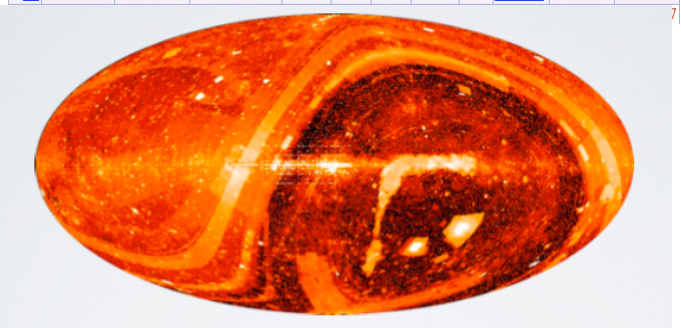
Journée VO au LAB, 24/09/2009

Les outils du 
CENTRE DE DONNÉES
ASTRONOMIQUES DE STRASBOURG

C. Bot

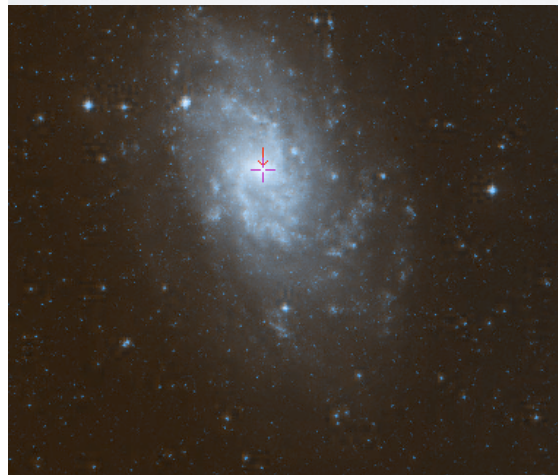
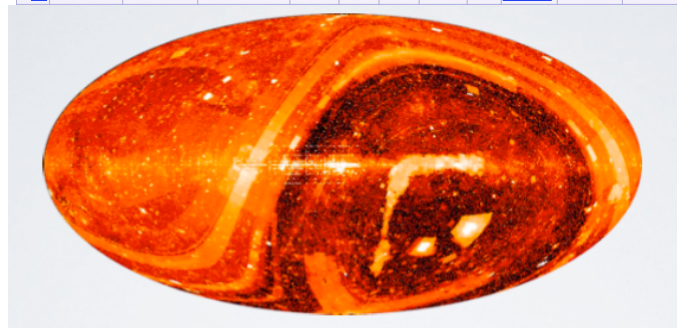
Contenu -- Services

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1	17 56 35.5	-29 32 21	OGLE-TR 56	0.30	16.95	2.6	14.8	-4.3	Simbad	269.1480	-29.5392
2	08 36 23.0	-30 02 15	HD 73256	0.20	16.77	3.7	20.8	-1.4	Simbad	129.0959	-30.0376
3	09 37 11.8	-43 16 20	HD 83443	0.10	15.79	0.3	1.4	-1.4	Simbad	144.2993	-43.2722
4	06 33 12.6	+05 27 47	HD 46375	0.10	15.48	0.1	0.6	-1.1	Simbad	098.3026	+05.4629
5	19 15 33.2	-24 10 46	HD 179949	0.10	16.28	1.1	5.9	-1.1	Simbad	288.8884	-24.1794
6	19 46 58.1	+34 25 10	HD 187123 b	0.10	15.88	0.4	2.1	-1.6	Simbad	296.7421	+34.4195
7	22 03 10.8	+18 53 04	HD 209458	0.10	15.95	0.5	2.9	-1.6	Simbad	330.7950	+18.8844
8	08 47 40.4	-41 44 12	HD 75289	0.10	15.65	0.2	1.3	-1.2	Simbad	131.9183	-41.7368
9	10 58 28.8	-10 46 13	BD -10 3166	0.10	15.73	0.3	1.6		Simbad	164.6199	-10.7704
10	08 53 55.5	-66 48 04	HD 76700	0.10	15.13	0.1	0.3	-1.7	Simbad	133.4813	-66.8010
11	13 47 15.7	+17 27 25	{tau} Boo	0.10	16.93	10.7	59.9	-1.0	Simbad	206.8156	+17.4569
12	22 57 28.0	+20 46 08	51 Peg	0.10	15.57	0.2	1.2	-0.6	Simbad	344.3666	+20.7688
13	06 51 30.5	+40 52 04	HD 49674	0.10	14.66	0.0	0.1	-1.4	Simbad	102.8772	+40.8678
14	01 36 47.8	+41 24 20	* ups And b	0.09	15.67	0.4	2.2	-0.7	Simbad	024.1993	+41.4055
15	01 36 47.8	+41 24 20	* ups And c	1.00	15.25	12.1	68.0	-2.6	Simbad	024.1993	+41.4055
16	01 36 47.8	+41 24 20	* ups And d	1.00	14.87	38.0	213.0	-3.5	Simbad	024.1993	+41.4055
17	18 21 49.8	-11 55 22	HD 168746	0.07	14.86	0.0	0.3	-1.6	Simbad	275.4574	-11.9227
18	22 58 15.5	-02 23 43	HD 217107 b	0.06	15.76	0.7	4.0	-1.8	Simbad	344.5648	-02.3954



Contenu -- Services

Full	RAJ2000	DEJ2000	Name	omega	logP	mu	nu	logS	Simbad	_RA	_DE
	"hms"	"d:ms"		[W]	[W]	[mag]	[MHz]	[L ₁]		deg	deg
1	17 56 35.5	-29 32 21	OGLE-TR 56	0.30	16.95	2.6	14.8	-4.3	Simbad	269.1480	-29.5392
2	08 36 23.0	-30 02 15	HD 73256	0.20	16.77	3.7	20.8	-1.4	Simbad	129.0959	-30.0376
3	09 37 11.8	-43 16 20	HD 83443	0.10	15.79	0.3	1.4	-1.4	Simbad	144.2993	-43.2722
4	06 33 12.6	+05 27 47	HD 46375	0.10	15.48	0.1	0.6	-1.1	Simbad	098.3026	+05.4629
5	19 15 33.2	-24 10 46	HD 179949	0.10	16.28	1.1	5.9	-1.1	Simbad	288.8884	-24.1794
6	19 46 58.1	+34 25 10	HD 187123 b	0.10	15.88	0.4	2.1	-1.6	Simbad	296.7421	+34.4195
7	22 03 10.8	+18 53 04	HD 209458	0.10	15.95	0.5	2.9	-1.6	Simbad	330.7950	+18.8844
8	08 47 40.4	-41 44 12	HD 75289	0.10	15.65	0.2	1.3	-1.2	Simbad	131.9183	-41.7368
9	10 58 28.8	-10 46 13	BD -10 3166	0.10	15.73	0.3	1.6		Simbad	164.6199	-10.7704
10	08 53 55.5	-66 48 04	HD 76700	0.10	15.13	0.1	0.3	-1.7	Simbad	133.4813	-66.8010
11	13 47 15.7	+17 27 25	{tau} Boo	0.10	16.93	10.7	59.9	-1.0	Simbad	206.8156	+17.4569
12	22 57 28.0	+20 46 08	51 Peg	0.10	15.57	0.2	1.2	-0.6	Simbad	344.3666	+20.7688
13	06 51 30.5	+40 52 04	HD 49674	0.10	14.66	0.0	0.1	-1.4	Simbad	102.8772	+40.8678
14	01 36 47.8	+41 24 20	* ups And b	0.09	15.67	0.4	2.2	-0.7	Simbad	024.1993	+41.4055
15	01 36 47.8	+41 24 20	* ups And c	1.00	15.25	12.1	68.0	-2.6	Simbad	024.1993	+41.4055
16	01 36 47.8	+41 24 20	* ups And d	1.00	14.87	38.0	213.0	-3.5	Simbad	024.1993	+41.4055
17	18 21 49.8	-11 55 22	HD 168746	0.07	14.86	0.0	0.3	-1.6	Simbad	275.4574	-11.9227
18	22 58 15.5	-02 23 43	HD 217107 b	0.06	15.76	0.7	4.0	-1.8	Simbad	344.5648	-02.3954



- Page web du CDS: <http://cds.u-strasbg.fr/>



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Object query : M101

[Available data](#)

[Basic data](#)

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[Bibliography](#)

Basic data :

VV 344a -- Interacting Galaxies

Other object types: [G](#) (APG,K73,LEDA,2MASX,MCG,SPB,TC,UGC,Z,[M98c]) , [IG](#) (VV) , [IR](#) (IRAS)

ICRS coord. (ep=2000) : 14 03 12.51 +54 20 53.1 (~) [10800.00 10800.00 90] D [1999ApJS..125..409C](#)

FK5 coord. (ep=2000 eq=2000) : 14 03 12.51 +54 20 53.1 (~) [10800.00 10800.00 0] D [1999ApJS..125..409C](#)

FK4 coord. (ep=1950 eq=1950) : 14 01 26.34 +54 35 15.7 (~) [10800.00 10800.00 0] D [1999ApJS..125..409C](#)

Gal coord. (ep=2000) : 102.0366 +59.7721 (~) [10800.00 10800.00 66] D [1999ApJS..125..409C](#)

Radial velocity / Redshift / cz : km/s 241 [-] / z 0.000804 [-] / cz 241.10 [-] D [2004AJ....127.2031K](#)

Morphological type: [Sc](#) D ~

Angular size (arcmin): 22.90 22.90 ~ (1) ~ D ~

Fluxes (4) : [B](#) 8.7 [-] [E](#) ~
[J](#) 6.517 [0.032] C [2006AJ....131.1163S](#)
[H](#) 5.805 [0.042] C [2006AJ....131.1163S](#)
[K](#) 5.512 [0.05] C [2006AJ....131.1163S](#)

essential notes: • see also [NAME M 101 GROUP](#)

Identifiers (19) :

[VV](#) 344a
[APG](#) 26
[IRAS](#) F14012+5434
[IRAS](#) 14013+5435
[K73](#) 610

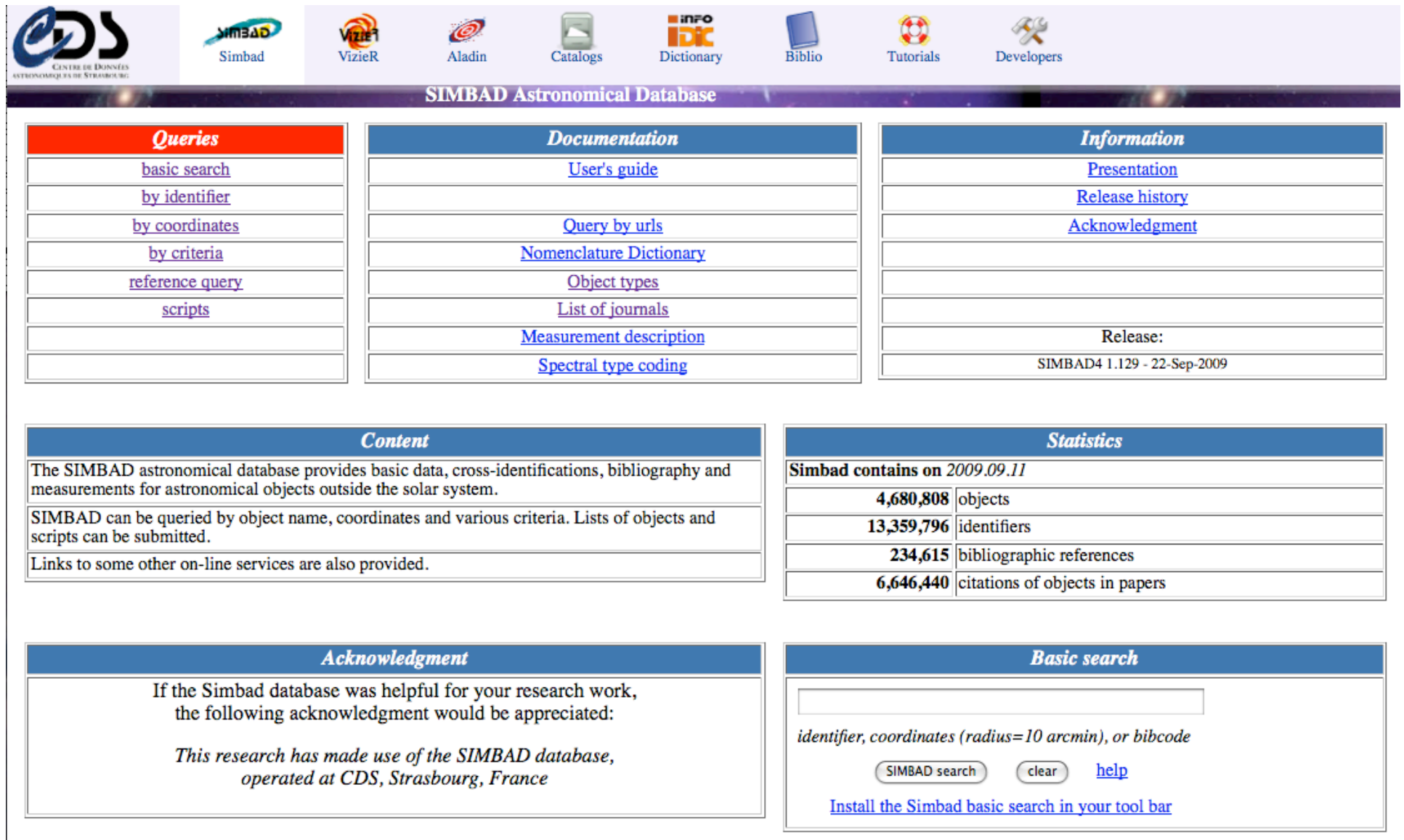
[LEDA](#) 50063
[2MASX](#) J14031258+5420555
[MCG+09-23-028](#)
[M](#) 101
[NAME](#) PINWHEEL

[NGC](#) 5457
[SPB](#) 243
[TC](#) 302
[UGC](#) 8981
[VV](#) 456

- Extraits en scannant la littérature
- Cross-Identifications
- Dictionnaire de nomenclature
- Depuis 1950 pour les étoiles, 1983 extragalactique

List of journals	
Version : 23-Sep-2009	
A&A	<i>Astronomy and Astrophysics</i>
A&ARv	<i>Astronomy and Astrophysics Review</i>
A&AS	<i>Astronomy and Astrophysics, Supplement Series</i>
A&ASS	<i>Astronomy and Astrophysics, Special Supplement Series</i>
A&AT	<i>Astronomical and Astrophysical Transactions (russe ?)</i>
A&G	<i>Astronomy and Geophysics (continuation from QJRAS from no 38 - 1997)</i>
A&R	<i>Astronomie und Raumfahrt</i>
AAA	<i>Astronomy and Astrophysics Abstracts, Heidelberg</i>
AAHam	<i>Astronomische Abhandlungen der Hamburger Sternwarte</i>
AAONw	<i>Anglo-Australian Observatory Epping - Newsletter</i>
AAOPr	<i>Anglo-Australian Observatory Epping - Preprint</i>
AAS	<i>American Astronomical Society meeting</i>
AASFA	<i>Academia Scientiarum Fennica, Annales, Series A VI-Physica</i>
AASPP	<i>Astron. Astrophys. Serie, Ed. Pachart Publishing House Tucson</i>
AAfz	<i>Astrometriya i Astrofizika. Respublikanskij Mezhdedomstvennyj Sbornik</i>
ACMan	<i>Astronomical Contributions from the University of Manchester</i>
ACiCh	<i>Astronomical Circular</i>
ADS	<i>New general catalogue of double stars within 120 of the north pole. Carnegie Inst.</i>
ADUrb	<i>University of Illinois. Astronomy Department, Urbana Illinois</i>
AExpr	<i>Astronomy Express</i>
AFGL	<i>The AFGL four-color infrared sky survey. AFGL-TR-0208 Environmental Research</i>
AFOEV	<i>Bulletin de l'Association Francaise d'Observateurs d'Etoiles Variables</i>
AGAb	<i>Astronomische Gesellschaft, Abstract Series</i>
AGDN	<i>Atlas of galactic dark nebulae. Byull. Abastumansk. Astrofiz. Obs. (in Russian)</i>

La première page de SIMBAD, point de départ pour les requetes et la documentation



Queries

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- [by identifier](#)
- [by coordinates](#)
- [by criteria](#)
- [reference query](#)
- [scripts](#)

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- [Query by urls](#)
- [Nomenclature Dictionary](#)
- [Object types](#)
- [List of journals](#)
- [Measurement description](#)
- [Spectral type coding](#)

Information

- [Presentation](#)
- [Release history](#)
- [Acknowledgment](#)

Release:
SIMBAD4 1.129 - 22-Sep-2009

Content

The SIMBAD astronomical database provides basic data, cross-identifications, bibliography and measurements for astronomical objects outside the solar system.

SIMBAD can be queried by object name, coordinates and various criteria. Lists of objects and scripts can be submitted.

Links to some other on-line services are also provided.

Statistics

Simbad contains on 2009.09.11	
4,680,808	objects
13,359,796	identifiers
234,615	bibliographic references
6,646,440	citations of objects in papers

Acknowledgment

If the Simbad database was helpful for your research work, the following acknowledgment would be appreciated:

This research has made use of the SIMBAD database, operated at CDS, Strasbourg, France

Basic search

identifier, coordinates (radius=10 arcmin), or bibcode

[help](#)

[Install the Simbad basic search in your tool bar](#)

SBAD: Query by identifiers

other
mode

Spécifier un objet cible

[Basic
query](#)

[Script
submission](#)

[Output
options](#)

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Query an id

Identifier

Examples

siurus, M31, MCG+02-60-010

*How to write an identifier can be found in the [dictionary of nomenclature](#)
IAU format can also be used, with the following format:*

*iau [*J|B*]1230+08 [** enlarging-factor*] [= *Object-type*]*

you can choose to query :

around the object, define a radius :

Query a list of identifiers

Enter the name of an ASCII file produced by a text editor containing one identifier per line:

list display full display

query around the objects with radius :

Choisir un rayon

Object query : M101

[Available data](#)

[Basic data](#)

[Identifiers](#)

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Basic data :

VV 344a -- Interacting Galaxies

Other object types: **G** (APG,K73,LEDA,2MASX,MCG,SPB,TC,UGC,Z,[M98c]) , **IG** (VV) , **IR** (IRAS)

ICRS coord. (ep=2000) : 14 03 12.51 +54 20 53.1 (~) [10800.00 10800.00 90] D [1999ApJS..125..409C](#)

FK5 coord. (ep=2000 eq=2000) : 14 03 12.51 +54 20 53.1 (~) [10800.00 10800.00 0] D [1999ApJS..125..409C](#)

FK4 coord. (ep=1950 eq=1950) : 14 01 26.34 +54 35 15.7 (~) [10800.00 10800.00 0] D [1999ApJS..125..409C](#)

Gal coord. (ep=2000) : 102.0366 +59.7721 (~) [10800.00 10800.00 66] D [1999ApJS..125..409C](#)

Radial velocity / Redshift / cz : km/s 241 [-] / z 0.000804 [-] / cz 241.10 [-] D [2004AJ....127.2031K](#)

Morphological type: **Sc D ~**

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J 6.517 [0.032] **C** [2006AJ....131.1163S](#)
H 5.805 [0.042] **C** [2006AJ....131.1163S](#)
K 5.512 [0.05] **C** [2006AJ....131.1163S](#)

essential notes: • see also [NAME M 101 GROUP](#)

Données de base

Identifiers (19) :

[VV](#) 344a

[APG](#) 26

[IRAS](#) F14012+5434

[IRAS](#) 14013+5435

[K73](#) 610

[LEDA](#) 50063

[2MASX](#) J14031258+5420555

[MCG+09-23-028](#)

[M](#) 101

[NAME](#) PINWHEEL

[NGC](#) 5457

[SB](#) 243

302

[IC](#) 8981

[VV](#) 456

Identificateurs

[APG](#) 26
[IRAS](#) F14012+5434
[IRAS](#) 14013+5435
[K73](#) 610

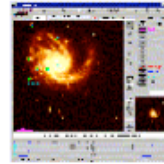
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[MCG+09-23-028](#)
[M](#) 101
[NAME](#) PINWHEEL

[SPB](#) 243
[TC](#) 302
[UGC](#) 8981
[VV](#) 456

[Z](#) 272-21
[Z](#) 1401.5+5435
[\[M98c\]](#) 140126.6+543525

Plots and Images

radius arcmin



References (1567 between 1850 and 2009)

Simbad bibliographic survey began in 1950 for stars (at least bright stars) and in 1983 for all other objects (outside the solar system).

bibliographie

from: to:

References (1567 between 1850 and 2009)

Simbad bibliographic survey began in 1950 for stars (at least bright stars) and in 1983 for all other objects (outside the solar system).

[2009A&A...493..453V](#)

Astron. Astrophys., 493, 453-466 (2009)

Star formation in M33: multiwavelength signatures across the disk.

VERLEY S., CORBELLI E., GIOVANARDI C. and HUNT L.K.

Comments & notes:

flags: (abstract)

[2009A&A...501..171R](#)

Astron. Astrophys., 501, 171-187 (2009)

Simulations of galactic disks including a dark baryonic component.

REVAZ Y., PFENNIGER D., COMBES F. and BOURNAUD F.

Comments & notes:

flags: (abstract)

[2009AJ....137.3009C](#)

Astron. J., 137, 3009-3037 (2009)

Discovery of new dwarf galaxies in the M81 group.

CHIBOUCAS K., KARACHENTSEV I.D. and TULLY R.B.

Comments & notes:

flags: (abstract)

dic: Table 1: <[CKT2009] dJHHMM+DD> N=22.

[2009AJ....137.4361D](#)

Astron. J., 137, 4361-4367 (2009)

ScI-dE1 GC1: an extended globular cluster in a low-luminosity dwarf elliptical galaxy.

DA COSTA G.S., GREBEL E.K., JERJEN H., REJKUBA M. and SHARINA M.E.

Comments & notes:

flags: (abstract)

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• [SIMBAD Objects \(9\)](#)

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Title: Star formation in M 33: multiwavelength signatures across the disk

Authors: [Verley, S.](#); [Corbelli, E.](#); [Giovanardi, C.](#); [Hunt, L. K.](#)

Affiliation: AA(Osservatorio Astrofisico di Arcetri, Largo E. Fermi 5, 50125 Firenze, Italy simon@arcetri.astro.it), AB(Osservatorio Astrofisico di Arcetri, Largo E. Fermi 5, 50125 Firenze, Italy edvige@arcetri.astro.it), AC(Osservatorio Astrofisico di Arcetri, Largo E. Fermi 5, 50125 Firenze, Italy giova@arcetri.astro.it), AD(INAF - Istituto di Radioastronomia-Sezione Firenze, Largo E. Fermi 5, 50125 Firenze, Italy hunt@arcetri.astro.it)

Publication: Astronomy and Astrophysics, Volume 493, Issue 2, 2009, pp.453-466 ([A&A Homepage](#))

Publication Date: 01/2009

Origin: [EDP](#)

Keywords: galaxies: individual: M 33, galaxies: ISM, galaxies: Local Group, galaxies: spiral

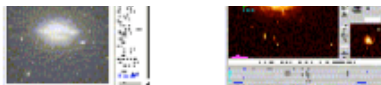
DOI: [10.1051/0004-6361/200810566](https://doi.org/10.1051/0004-6361/200810566)

Bibliographic Code: [2009A&A...493..453V](#)

Lien direct vers ADS

Abstract

Aims. We use different tracers, such as H α , ultraviolet (UV), and infrared (IR) emissions at various wavelengths, to study the dust and star formation (SF) conditions throughout the disk of M 33. *Methods.* We derive the radial distribution of dust of the old and young stellar population using *Spitzer* and *GALEX* data, complemented by



References (1567 between 1850 and 2009)

Simbad bibliographic survey began in 1950 for stars (at least bright stars) and in 1983 for all other objects (outside the solar system).

display reference summary

from: 1850 to: 2009

Measurements (8 types) :

distance : 1 IRAS : 1 ISO : 39 IUE : 2 posa : 1 Rvel : 5 XMM : 2 ze : 1

display selected measurements display all measurements clear

Measurements (8 types) :

distance : 1 IRAS : 1 ISO : 39 IUE : 2 posa : 1 Rvel : 5 XMM : 2 ze : 1

display selected measurements display all measurements clear

distance (1)

distance	Q	unit	err-	err+	method	reference
5.4		Mpc				2004ApJ...602..231C

iras (1)

RA (1950)	DEC (1950)	err	ang	f12	f25	f60	f100	e12e25e60e10	conf	v	ns	na	reference
14 01 22.8	+54 35 46	22	8 131	0.52L	0.30	3.85	30.72	14 15 11	---	c	0	7	1988NASAR1190...1B

iso (39)

[VI/111/isolog](#)

[ISO Observation Log \(ISO Data Centre, 2004\)](#) [\[ReadMe\]](#)

*The ISO Observation Log (36737 rows) [\(Note\)](#)

The 1 column in *color* are computed by VizieR, and are *not part of the original data*.

Note: Quick-look images of the data, and specific documentation, are accessible by clicking on the TDT observation identifier

Full	r	TDT	AOT	minLam	maxLam	Target	oStart	oLen	recno	FOV	RAJ2000	DEJ2000
	arcmin	um		um	um		s	s			deg	deg
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2	0.154	26902580	PHT39	54.76	118.38	NGC5457	1996-08-12T05:11:59	140	11305	135.5"x135.5"	210.8029	+54.350
3	0.154	26902583	CAM01	8.55	15.45	NGC5457	1996-08-12T05:21:19	396	11308	171"x106"	210.8029	+54.350
4	0.154	26902582	PHT39	159.68	202.28	NGC5457	1996-08-12T05:18:19	132	11307	181.4"x181.4"	210.8030	+54.350
5	0.213	53200329	LWS02	38.57	178.75	N5457Center	1997-05-01T04:36:20	1900	22461	84" D	210.8043	+54.351
6	0.245	16902403	PHT03	19.80	28.38	M101_SCAN2_ODD	1996-05-04T14:41:26	1530	6719	26"x52"	210.8046	+54.351
7	0.245	16902404	PHT03	19.80	28.38	M101_SCAN2_EVEN	1996-05-04T15:08:06	1570	6720	27"x52"	210.8046	+54.351
8	0.245	17200417	PHT32	146.42	202.26	M1017160	1996-05-07T01:27:11	6522	6813	24"x27"	210.8046	+54.351
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10	0.249	16500716	PHT32	84.83	118.38	M101/100	1996-04-30T12:56:45	9498	6524	25"x27"	210.8045	+54.352
11	0.249	16500801	PHT03	19.80	28.38	M101_SCAN1_ODD	1996-04-30T15:36:09	1532	6525	26"x52"	210.8045	+54.352
12	0.249	16500802	PHT03	19.80	28.38	M101_SCAN1_EVEN	1996-04-30T16:02:49	1570	6526	27"x52"	210.8045	+54.352
13	2.898	54100448	CAM01	5.05	17.05	M 101 completion	1997-05-10T03:23:24	11056	22864	768"x768"	210.7260	+54.329
14	4.443	53200331	LWS02	38.57	178.75	N5457NE1	1997-05-01T05:41:36	1900	22463	84" D	210.9213	+54.322
15	5.590	08001426	CAM01	5.05	17.05	M101Earm	1996-02-05T15:43:00	7022	2539	576"x576"	210.9619	+54.351



[420555](#)



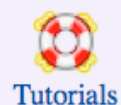
- On peut faire des requêtes à SIMBAD par:
 - Liste
 - Par des références de la littérature
 - Avec des contraintes sur le type d'objet ou d'autres données de base
 - Par l'interface de script SIMBAD



<http://vizier.u-strasbg.fr>

- Le service VizieR contient + de 7200 catalogues, tables publiées, logs d'observations
- « Curation » systématique (sélection, préservation, maintenance, ...) de la littérature astronomique
- Descriptions homogènes
- Accès rapide aux gros catalogues
- Liens vers les données


L'interface de VizieR simplifiée



The VizieR Catalogue Service

The basic VizieR search at [Strasbourg Astronomical Observatory](#)



 **Target:** **Radius:** "

[Install the VizieR search plugin](#)

e.g. [UCAC2.2MASS](#)
or [Jaschek](#)

e.g. [CH Cyg](#)
or [19 24 33.1 +50 14 29](#)

[Advanced search](#)

[Description](#) - [Browsing modes](#) - [Large Surveys](#) - [VO compatibility](#) - [VizieR mirrors](#) - [Help/Documentations](#) - [Notes](#)

If the access to catalogues with VizieR was helpful for your research work, the following acknowledgment would be appreciated: *"This research has made use of the VizieR catalogue access tool, CDS, Strasbourg, France"*. The original description of the VizieR service was published in [A&AS 143, 23 \(2000\)](#).

©UDS/CNRS Contact: 

L'interface complète de VizieR



[Browsing through Catalogues](#) · [Output Preferences](#)

[FAQ](#) · [More about VizieR](#)

Direct access to Catalogues from Name or Designation ([tips and examples](#))

Find catalogues or Data ([tips and examples](#))

Find catalogues among 7617 available

Words matching author's name, word(s) from title, description, etc.

Select from **Wavelength**, **Mission**, and controlled **Astronomical** keywords:

Radio	ANS	AGN
IR	ASCA	Abundances
optical	BeppoSAX	Ages
UV	CGRO	Associations
EUV	COBE	Atomic_Data
X-ray	Chandra	BL_Lac_objects
Gamma-ray	CoRoT	Binaries:cataclysmic

[Select from UCDs](#)

Use [LISTs of Targets](#)

Show [footprints](#)

Show [all columns](#)

Show [column UCDs](#)

Target Name (resolved by [Simbad](#)) or Position:

Target radius:

Position in Sexagesimal, or Decimal °

Radius or Box size

Search by Position across 7868 tables

Output preferences ([usage](#))

Maximum Entries per table:

Output layout:

ALL columns

	r	x,y	Position	Galactic	J2000	B1950	EclJ2000	none
Compute	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sort by	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

r and x,y are the distance to the Target;
Position is in the same coordinate system as Target.

This [Bookmark Button](#) will help you for bookmarking: by clicking on this button, the current page, completed with your input, will be reloaded to be safely included into your bookmark or favorite list



Browsing through Catalogues


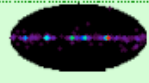


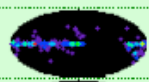

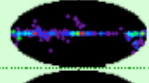

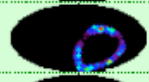

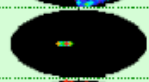

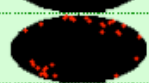

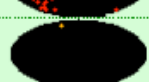



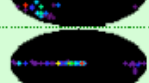


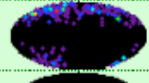

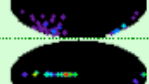



















Browsing modes via: [Designations](#) · [Acronyms](#) · [Favorites](#) · [Date](#) · [Images/Spectra](#)

Catalogue Selection Page

[Tokyo, Japan](#) · [IUCAA, India](#) · [CADC, Canada](#) · [Cambridge, UK](#) · [CfA/Harvard, USA](#) · [UKIRT-Hawaii, USA](#) · [INASAN, Russia](#) · [Beijing Obs., China](#)



94 catalogues found
containing words **HII**

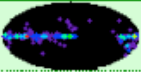
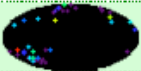
<input type="checkbox"/>	Reset All			Show selected Catalogues	or	Query selected Catalogues		
<input type="checkbox"/>	III/84B		(c) Galactic O Stars (Cruz-Gonzalez+ 1974)				ReadMe	
<input type="checkbox"/>	III/85		(c) Sixth Catalogue of Galactic Wolf-Rayet Stars (van der Hucht+ 1981) This catalogue is obsoleted by III/215				ReadMe	
<input checked="" type="checkbox"/>	VII/20		(c) Catalogue of HII Regions (Sharpless 1959)				ReadMe	
<input type="checkbox"/>	VII/50		(c) CO Radial Velocities Toward Galactic H II Regions (Blitz+ 1982)				ReadMe	
<input type="checkbox"/>	VII/100		(c) MCG Vol.5 (Vorontsov-Velyaminov+, 1974)				ReadMe	
<input type="checkbox"/>	J/ApJ/582/756		(c) Velocities of HII regions (Kolpak+, 2003)				ReadMe	
<input type="checkbox"/>	J/ApJ/602/200		(c) HII regions abundances in blue compact galaxies (Izotov+, 2004)				ReadMe	
<input type="checkbox"/>	J/ApJ/633/871		(c) Positions and photometry of HII knots in M51 (Calzetti+, 2005)				ReadMe	
<input checked="" type="checkbox"/>	J/ApJ/636/214		(c) HII regions in dwarf irregular galaxies (van Zee+, 2006)				ReadMe	
<input type="checkbox"/>	J/ApJ/653/1226		(c) Physical properties of galactic HII regions (Quireza+, 2006)				ReadMe	
<input type="checkbox"/>	J/ApJ/655/115		(c) Abundances in extragalactic HII regions (Izotov+, 2007)				ReadMe	
<input type="checkbox"/>	J/ApJ/655/115		(c) Abundances in extragalactic HII regions (Izotov+, 2007)				ReadMe	
<input type="checkbox"/>	J/ApJ/655/115		(c) Abundances in extragalactic HII regions (Izotov+, 2007)				ReadMe	
<input type="checkbox"/>	J/ApJ/655/115		(c) Abundances in extragalactic HII regions (Izotov+, 2007)				ReadMe	
<input type="checkbox"/>	J/ApJ/655/115		(c) Abundances in extragalactic HII regions (Izotov+, 2007)				ReadMe	
<input type="checkbox"/>	J/ApJ/655/115		(c) Abundances in extragalactic HII regions (Izotov+, 2007)				ReadMe	
<input type="checkbox"/>	J/ApJ/655/115		(c) Abundances in extragalactic HII regions (Izotov+, 2007)				ReadMe	
<input type="checkbox"/>	J/ApJ/655/115		(c) Abundances in extragalactic HII regions (Izotov+, 2007)				ReadMe	
<input type="checkbox"/>	J/ApJ/655/115		(c) Abundances in extragalactic HII regions (Izotov+, 2007)				ReadMe	
<input type="checkbox"/>	J/ApJ/655/115		(c) Abundances in extragalactic HII regions (Izotov+, 2007)				ReadMe	
<input type="checkbox"/>	J/ApJ/655/115		(c) Abundances in extragalactic HII regions (Izotov+, 2007)				ReadMe	
<input type="checkbox"/>	J/ApJ/655/115		(c) Abundances in extragalactic HII regions (Izotov+, 2007)				ReadMe	
<input type="checkbox"/>	J/ApJ/655/115		(c) Abundances in extragalactic HII regions (Izotov+, 2007)				ReadMe	

Selectionner les catalogues souhaités

La page de requete détaillée pour les catalogues sélectionnés

VizieR Search Page

[Tokyo, Japan](#) · [IUCAA, India](#) · [CADAC, Canada](#) · [Cambridge, UK](#) · [CfA/Harvard, USA](#) · [UKIRT-Hawaii, USA](#) · [INASAN, Russia](#) · [Beijing Obs., China](#) ?

VII/20		Catalogue of HII Regions (Sharpless 1959)	Similar Catalogues ReadMe	
1.	<input type="text" value="VII/20/catalog"/>	^(c) The Sharpless (Sh 2) Catalogue (313 rows)		
J/ApJ/636/214		HII regions in dwarf irregular galaxies (van Zee+, 2006)	Similar Catalogues ReadMe	
2.	<input type="text" value="J/ApJ/636/214/table1"/>	^(c) Global galaxy parameters (21 rows)		
3.	<input type="text" value="J/ApJ/636/214/table2"/>	^(c) Observing log (31 rows)		
4.	<input type="text" value="J/ApJ/636/214/table3"/>	^(c) HII region line strengths (66 rows)		
5.	<input type="text" value="J/ApJ/636/214/abund"/>	^(c) HII region line ratios and abundances (tables 4 and 5 of paper) (67 rows)		
6.	<input type="text" value="J/ApJ/636/214/table6"/>	^(c) Parameters of additional dwarf irregular galaxies (19 rows)		

Query Setup ([usage](#))

Maximum Entries per table: Output layout: Output Order: + -

Query by Position on the Sky ([Adapt Form to use a List of targets](#))

Target Name (resolved by [Simbad](#)) or Position: Target dimension:

Position in Sexagesimal, or Decimal ° Radius or Box size

Output preferences for Position:

	r	x,y	Position	Galactic	J2000	B1950	Ecl J2000	none	
Compute	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	r and x,y are the distance to the Target; Position is in the same coordinate system as Target.
Sort by	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Query by Constraints applied on Columns

Show	Sort	Join tables more join	Column	<input type="text" value=""/> <input type="button" value="Clear"/> Constraint	Explain (UCD)
<input type="checkbox"/>	<input type="radio"/>	(ALL)	recno	<input type="text" value=""/>	Record number within the original table (starting from 1) (meta.record) (RECORD)
<input checked="" type="checkbox"/>	<input type="radio"/>	(1)	Sh2	<input type="text" value=""/>	[1/313] Sharpless HII catalog number (meta.id:meta.main) (ID_MAIN)
<input checked="" type="checkbox"/>	<input type="radio"/>	(1)	Gal l and	<input type="text" value=""/> deo	l0/3600l Galactic longitude based on Lund pole. (pos galactic lon) (POS GAL LON)

Note: les deux catalogues vont être interrogés

Possibilité de mettre des contraintes sur les colonnes des catalogues:

Query by Constraints applied on Columns						
Show	Sort	Join tables more join	Column	<input type="button" value="Clear"/> Constraint		Explain (UCD)
<input type="checkbox"/>	<input type="radio"/>	(ALL)	recno	<input type="text"/>		Record number within the original table (starting from 1) (meta.record) (RECOR)
<input checked="" type="checkbox"/>	<input type="radio"/>	(1)	Sh2	<input type="text"/>		[1/313] Sharpless HII catalog number (meta.id;meta.main) (ID_MAIN)
<input checked="" type="checkbox"/>	<input type="radio"/>	(1)	GLund	<input type="text"/>	deg	[0/3600[Galactic longitude based on Lund pole (pos.galactic.lon) (POS_GAL_LC)
<input checked="" type="checkbox"/>	<input type="radio"/>	(1)	GbLund	<input type="text"/>	deg	[-900/+900] Galactic latitude based on Lund pole (pos.galactic.lat) (POS_GAL_L)
<input checked="" type="checkbox"/>	<input type="radio"/>	(1)	GLon	<input type="text" value=">30"/>	deg	[0/3600[Galactic longitude (Note 1) (pos.galactic.lon) (POS_GAL_LON)
<input checked="" type="checkbox"/>	<input type="radio"/>	(1)	GLat	<input type="text"/>	deg	[-900/+900] Galactic latitude (Note 1) (pos.galactic.lat) (POS_GAL_LAT)
<input checked="" type="checkbox"/>	<input type="radio"/>	(1)	RA1900	<input type="text"/>	"h:m:s"	Hours RA, 1900.0 (pos.eq.ra;meta.main) (POS_EQ_RA_MAIN)
<input checked="" type="checkbox"/>	<input type="radio"/>	(1)	DE1900	<input type="text"/>	"d:m:s"	Sign Dec, 1900.0 (pos.eq.dec;meta.main) (POS_EQ_DEC_MAIN)
<input checked="" type="checkbox"/>	<input type="radio"/>	(1)	Diam	<input type="text"/>	arcmin	Maximun angular diameter of H II region (phys.angSize;src) (EXTENSION_DIAM)
<input checked="" type="checkbox"/>	<input type="radio"/>	(1)	Form	<input type="text"/>		[1/3] Classification as to form: 1=circular; 2=elliptical; 3=irregular (src.class) (FORM_CODE)
<input checked="" type="checkbox"/>	<input type="radio"/>	(1)	Struct	<input type="text"/>		[1/3] Classification as to structure, from 1=amorphous to 3=filamentary (meta.cc) (MORPH_CODE)

Result of VizieR Search with 1 constraint (GLon: ">30")
 ordered by increasing **_r**

Max. Entries:

50

Output layout:

HTML Table

ALL columns

VII/20/catalog

Catalogue of HII Regions (Sharpless 1959)

The Sharpless (Sh 2) Catalogue (313 rows)

To get all details for a row, just click on the row number in the leftmost 'Full' column.
 The 4 columns in **color** are computed by VizieR, and are **not part of the original data**.

Full	RAJ2000 "h:m:s"	DEJ2000 "d:m:s"	Sh2	GLund deg	GbLund deg	GLon deg	GLat deg	RA1900 "h:m:s"	DE1900 "d:m:s"	Diam arcmin	Form	Struct	Bright	RAB1950 "h:m:s"	DEB1950 "d:m:s"
1	15 58 51.2	-26 07 14	1	315.2	19.0	347.2	20.2	15 52 48.0	-25 50 00	150	3	2	3	15 55 49.3	-25 58 43
2	17 04 06.6	-38 08 33	2	315.3	0.7	347.6	2.0	16 57 18.0	-38 00 00	60	3	2	2	17 00 42.1	-38 04 24
3	17 13 45.0	-38 30 11	3	316.1	-1.0	348.4	0.2	17 06 54.0	-38 23 00	12	2	2	2	17 10 19.3	-38 26 43
4	17 19 48.8	-39 20 20	4	316.1	-2.5	348.4	-1.2	17 12 54.0	-39 14 00	5	3	2	2	17 17 17.7	-39 17 17
5	17 20 03.5	-38 27 17	5	316.8	-2.0	349.1	-0.7	17 13 12.0	-38 21 00	10	3	2	2	17 16 16.6	-38 26 43
6	17 15 04.1	-37 07 00	6	317.4	-0.4	349.7	0.8	17 08 18.0	-37 00 00	10	3	2	2	17 15 04.1	-37 07 00
7	16 00 19.8	-22 57 02	7	317.8	21.0	349.9	22.3	15 54 24.0	-22 40 00	10	3	2	2	16 00 19.8	-22 57 02
8	17 21 24.8	-36 02 05	8	319.0	-0.9	351.3	0.4	17 14 42.0	-35 56 00	10	3	2	2	17 21 24.8	-36 02 05
9	16 21 10.9	-25 35 22	9	319.2	15.7	351.3	17.0	16 15 06.0	-25 21 00	8	3	2	2	16 21 10.9	-25 35 22
10	17 19 00.0	-34 05 25	10	320.3	0.6	352.6	1.9	17 12 24.0	-33 59 00	60	3	2	2	17 19 00.0	-34 05 25
11	17 26 31.0	-34 12 20	11	321.1	-0.7	353.4	0.6	17 19 54.0	-34 07 00	90	3	2	2	17 26 31.0	-34 12 20
12	17 35 56.2	-32 35 59	12	323.5	-1.5	355.8	-0.2	17 29 24.0	-32 32 00	120	1	2	2	17 32 40.0	-32 34 06
13	17 30 28.6	-31 33 46	13	323.7	0.0	356.0	1.4	17 24 00.0	-31 29 00	40	2	2	2	17 27 14.1	-31 31 30
14	17 30 18.5	-30 15 47	14	324.8	0.7	357.1	2.1	17 23 54.0	-30 11 00	2	3	1	2	17 27 06.1	-30 13 30
15	17 50 34.4	-31 15 51	15	326.2	-3.5	358.6	-2.1	17 44 06.0	-31 14 00	30	2	2	2	17 47 20.1	-31 15 02
16	18 45 30.1	-01 59 47	66	358.2	-1.1	30.5	0.4	18 40 18.0	-02 06 00	8	3	2	2	18 42 54.0	-02 02 59
17	18 49 24.9	-02 21 13	67	358.3	-2.1	30.6	-0.6	18 44 12.0	-02 28 00	10	2	1	1	18 46 48.4	-02 24 42
18	18 25 11.5	+00 51 18	68	358.4	4.8	30.7	6.2	18 20 06.0	+00 48 00	8	3	2	2	18 22 38.7	+00 49 33
19	18 44 26.2	-00 16 56	69	359.6	0.0	31.9	1.4	18 39 18.0	-00 23 00	20	2	2	2	18 41 52.1	-00 20 03
20	18 14 38.9	+07 03 47	70	2.7	9.9	35.1	11.4	18 09 48.0	+07 02 00	5	3	1	2	18 12 13.4	+07 02 48
21	19 02 02.7	+02 09 35	71	3.8	-2.8	36.1	-1.4	18 57 00.0	+02 01 00	3	2	2	3	18 59 31.3	+02 05 12
22	19 03 50.4	+02 18 50	72	4.1	-3.1	36.4	-1.7	18 58 48.0	+02 10 00	25	3	2	2	19 01 19.2	+02 14 20
23	16 11 07.6	+21 52 26	73	5.0	43.1	37.7	44.6	16 06 48.0	+22 08 00	75	3	2	1	16 08 57.7	+22 00 09
24	19 08 49.0	+05 36 32	74	7.6	-2.7	39.9	-1.3	19 03 54.0	+05 27 00	3	3	2	2	19 06 21.5	+05 31 41

Page des résultats
 Pour les 2 catalogues



<http://aladin.u-strasbg.fr>

The screenshot displays the ALADIN web interface, which is used for astronomical data visualization and analysis. It features a multi-panel layout with several key components:

- Server Selector (Left Panel):** A window titled "Server selector" with tabs for "Others", "File", "all VO", "FOV", and "SExtractor". It includes a "VO discovery tool" section with fields for "Target" (set to "cdfs") and "Radius" (set to "14.0'"). Below this is a list of "Image servers" (Aladin, SkyView, Sloan, MAST, CADC, DSS..., VLA..., Others...) and "Catalog servers" (All Vizier, Surveys, Missions, SIMBAD, NED, SkyBot, Others...). A "Stop it" button is present at the bottom of the selector.
- Main View (Center):** A multi-panel view showing astronomical data. The top-left panel is labeled "RGB img~1" and shows a color image of a galaxy. The top-right panel is labeled "GOODS-WFLV89.DEEP2C-FV-PREVIEW" and shows a red grid overlay on a grayscale image. The bottom-left panel is labeled "B99.DEEP2C-FB-PREVIEW" and shows a purple crosshair pattern. The bottom-right panel is labeled "SCI-1" and shows a grayscale image of a galaxy. The status bar at the bottom indicates the current object is "CXOYECDF J033323.8-274440 (-, Galaxy) [by Simbad]".
- Right Panel:** A vertical toolbar with various icons for "select", "pan", "Zoom", "dist", "draw", "tab", "text", "filter", "cross", "rgb", "assoc", "cont", "mlts", "pixel", "prop", and "del". Below the toolbar is a list of layers to be displayed, including "Fold", "JAJ.126.539", "GOODS-ACIS.H", "GOODS-WFLB9", "Bik img", "nvss", "RGB img~1", "RGB img", "SCI~2", "SCI-1", "SCI", "GOODS-WFLV89", and "ESO.R-MAMA.41". A "Zoom" control is set to "1x".

Un portail du VO

- Serveur d'image et accès aux services du CDS/VO
 - Requetes par coordonnées/objets des services VO
- Outil de visualisation et d'exploration
 - Cross-identification de catalogues
 - Filtres de catalogues pour la sélection et la visualisation
 - Outil de photométrie sur les images calibrées
 - Outil de mosaïques d'images
- Interopérable avec les autres outils VO
 - Sélections interactives, passer des images/tables
- Scriptable