

CCD Guide 2013



... +++ A project of +++ Astronomischer Arbeitskreis
Salzkammergut, Sternwarte Gahberg, Austria +++ ...

astronomie.at
Astronomischer Arbeitskreis Salzkammergut

Sternwarte
Gahberg

ASA
ASTRO SYSTEME AUSTRIA

Project CCD-Guide



- ◆ Project start 1997
- ◆ Publication of the best images of AAS on CD/DVD
- ◆ Yearly update
- ◆ 2011-2012 development of a new software

Highlights of CCD-Guide



- ◆ Image + data browser
- ◆ 3000 images of 40 astrophotographers
- ◆ Deep sky object database
- ◆ Easy to search and to filter
- ◆ Slide show
- ◆ Input your own images
- ◆ Planner
- ◆ Minimal system requirements

Object Data Base



- ◆ Revised NGC/IC catalogue of Wolfgang Steinicke
- ◆ Nebula data base of Eric-Sven Vesting
- ◆ All other data:
 - NASA Extragalactic Database (NED)
 - SIMBAD
 - Vizier
- ◆ Ca 35.000 objects

Standard Catalogues

Catalogue	Description	Example
ABELL	Rich Clusters of Galaxies	ABELL 426
ARP	Arp's Peculiar Galaxies	ARP 99
BARNARD	Barnard's Dark Nebulae	BARNARD 99
CED	Cederblad Catalogue of Bright Diffuse Galactic Nebulae	CED 9c
CG	Cometary Globules	CG 7S
CONST	Constellation	CONST And
DG	Dorschner+Gurtler Reflection Nebulae	DG 21
DWB	Dickel, Wendker and Bieritz HII Regions	DWB 99
GN	Atlas of Galactic Nebulae	GN 07.12.8
HCG	Hickson Compact Groups of Galaxies	HCG 44A
HH	Herbig-Haro Catalogue	HH 31
IC	Index Catalogue	IC 430
LBN	Lynd's Catalogue of Bright Nebulae	LBN 999
LDN	Lynd's Dark Nebulae	LDN 123
M	Messier	M 17
NGC	New General Catalogue	NGC 78A
PGC	Principal Galaxies Catalogue (LEDA)	PGC 12345
PK	Perek and Kohoutek's Planetary Nebulae	PK 130-10.1
RNO	Red and Nebulous Objects in Dark Clouds (Cohen)	RNO 40
SH2-	Sharpless Catalogue of HII Regions	SH2- 87
UGC	Uppsala General Catalogue of Galaxies	UGC 6514
VDB	Van den Bergh's Reflection Nebulae	VDB 23
VDBH	Van den Bergh + Herbst Reflection Nebulae	VDBH 80



Special Catalogues



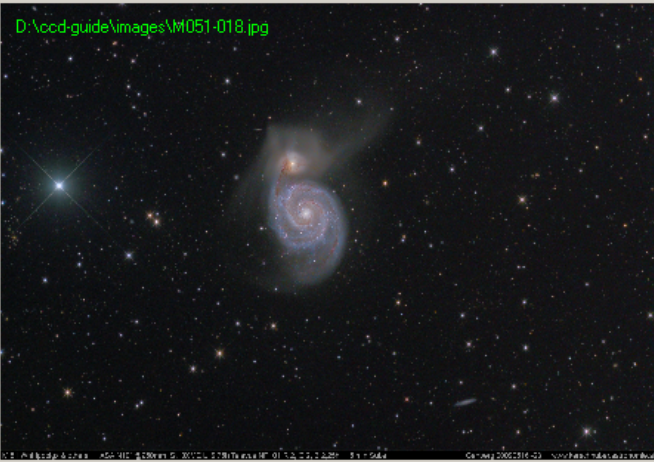
Catalogue	Description	Example
GCL	Globular Star Clusters - Collection of Catalogues	GCL Terzan 9
OCL	Open Star Clusters - Collection of Catalogues	OCL Stock 23
PN	Planetary Nebulae - Collection of Catalogues	PN Abell 4
NAME	Common or historical name	NAME Barnard's Galaxy
UNLISTED	UNLISTED objects are not included in the standard catalogues of CCD-Guide	UNLISTED LMC

Catalogue	Description	Example
COMET	Comets	COMET C/2009 P1
SOLAR	Solar system objects except comets	SOLAR Jupiter

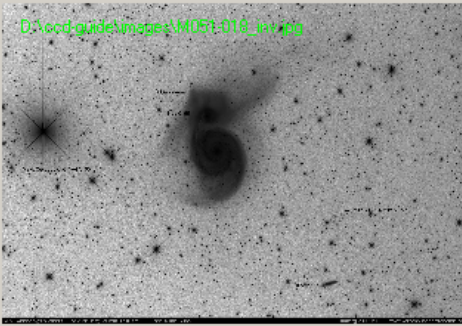
CCD-Guide in Action



Imagebrowser | Set Filter | Edit Object | Edit Picture | Planer | Edit Setup | Options | Help | About



D:\ccd-guide\images\M051-018.jpg



D:\ccd-guide\images\M051-018_gray.jpg

ADDITIONALOBJECTS

- ▶ ARP 85
- IC 4263
- IC 4277
- IC 4278
- IC 4282
- NGC 5195

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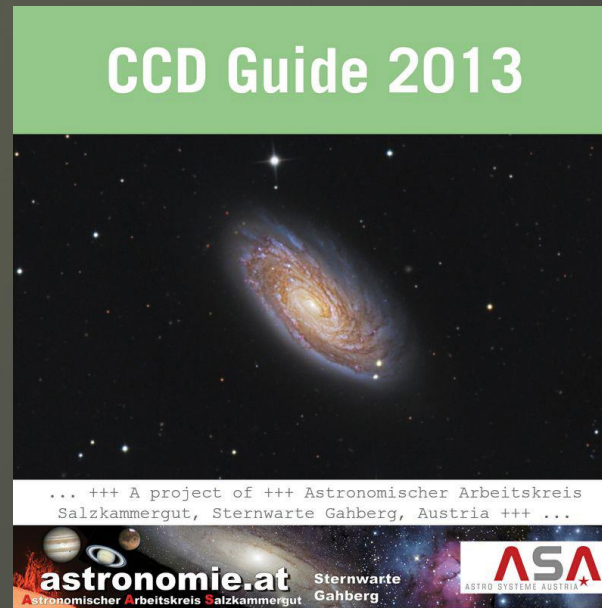
Objectname

List View
 Simple Image User
 Object Full

PICTURENAME	OBJECTNAME	OBJECTTYPE	OBJCLASS	RA2000	RATXT	DE2000	DETXT	CONSTELLATION	OBJSIZE	MAG
M051-008.jpg	M 51	Galaxy	Sbc	13,49794444	13h 29m 52.6s	47,19555556	+47° 11' 44"	Canes Venatici	11,2	8,4
M051-009.jpg	M 51	Galaxy	Sbc	13,49794444	13h 29m 52.6s	47,19555556	+47° 11' 44"	Canes Venatici	11,2	8,4
M051-010.jpg	M 51	Galaxy	Sbc	13,49794444	13h 29m 52.6s	47,19555556	+47° 11' 44"	Canes Venatici	11,2	8,4
M051-011.jpg	M 51	Galaxy	Sbc	13,49794444	13h 29m 52.6s	47,19555556	+47° 11' 44"	Canes Venatici	11,2	8,4
M051-012.jpg	M 51	Galaxy	Sbc	13,49794444	13h 29m 52.6s	47,19555556	+47° 11' 44"	Canes Venatici	11,2	8,4
M051-013.jpg	M 51	Galaxy	Sbc	13,49794444	13h 29m 52.6s	47,19555556	+47° 11' 44"	Canes Venatici	11,2	8,4
M051-014.jpg	M 51	Galaxy	Sbc	13,49794444	13h 29m 52.6s	47,19555556	+47° 11' 44"	Canes Venatici	11,2	8,4
M051-015.jpg	M 51	Galaxy	Sbc	13,49794444	13h 29m 52.6s	47,19555556	+47° 11' 44"	Canes Venatici	11,2	8,4
M051-016.jpg	M 51	Galaxy	Sbc	13,49794444	13h 29m 52.6s	47,19555556	+47° 11' 44"	Canes Venatici	11,2	8,4
M051-017.jpg	M 51	Galaxy	Sbc	13,49794444	13h 29m 52.6s	47,19555556	+47° 11' 44"	Canes Venatici	11,2	8,4
▶ M051-018.jpg	M 51	Galaxy	Sbc	13,49794444	13h 29m 52.6s	47,19555556	+47° 11' 44"	Canes Venatici	11,2	8,4
M051-019.jpg	M 51	Galaxy	Sbc	13,49794444	13h 29m 52.6s	47,19555556	+47° 11' 44"	Canes Venatici	11,2	8,4

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CCD-Guide



- ◆ www.astronomie.at: 25 EUR
- ◆ Special CEDIC price: 19 EUR