



Treasure Hunt





Rules

- 5 questions
- 4 Q 8 minutes + 1Q 10 minutes
- Answer revealed after each question.
- Scoring :
 - 1 point if you have the right answer for Q1, Q2, Q3 & Q4
 - 2 points for Q5.
 - 1 extra point if you are the first finding the answer to any question

PRIZES!





How many nova are there within 2' around the center of M31?





Aladin X-Match Other

GEENH2

coord 00 42 44.330 +41 16 07.50 (FK5, 2000, 2000), radius: 2 arcmin

modes :

other query Identifier Coordinate query

query

Criteria query

Reference query

Basic Script submission query

Output Help options

Query: coord 00 42 44.330 +41 16 07.50 (FK5, 2000, 2000), radius: 2 arcmin

C.D.S. - SIMBAD4 rel 1.5.10 - 2016.11.16CET12:01:25

No

Number of rows: 458 Plot

Show [100 entries											Search:	
423	M31N 1926-01a	111.38	NO↑	UU 42 4U.1 ICRS +41 ICRS	.8	~	~ │	~		16.8U #	ef		~
424	[FDC2002] J004252.83+411510.6	112.15	No*	00 42 52.89 +41 15 10	.4	~	~	~					~
426	[SI2001] 1997-08	112.24	No*	00 42 43.27 +41 14 15	.9	~	~	~					~
430	M31N 2011-07a	113.34	No*	00 42 44.83 +41 18 00	.7	~	~	~					~
436	[CFN87] 11	114.74	No*	00 42 50.70 +41 17 37	.0	~	~	~		15.96			~
437	M31N 2005-10b	115.54	No*	00 42 42.11 +41 18 00	.3	~	~	~					~
438	M31N 1926-07a	<i>115.79</i>	No*	00 42 44.73 +41 14 11	.8	~	~	~		17.30			~
444	EQ J004237.6+411737	117.22	No*	00 42 37.70 +41 17 37	.8	~	~	~					~
447	EQ J004241+411802	117.60	No*	00 42 41.99 +41 18 02	.1	~	~	~					~
450	M31N 2007-07b	118.02	No*	00 42 45.89 +41 18 04	.2	~	~	~					~
459	M31N 2001-02a	118.79	No*	00 42 54.8651273637 +41 16 09	.000583832	~	~	~					~
466	M31N 1993-10g	119.69	No*	00 42 47.70 +41 18 01	.0	~	~	~	16.35	16.30			~
470	M31N 2008-03b	119.98	No*	00 42 34.20 +41 16 44	.3	~	~	~			16.8		~

Showing 1 to 146 of 146 entries (filtered from 470 total entries)

Previous

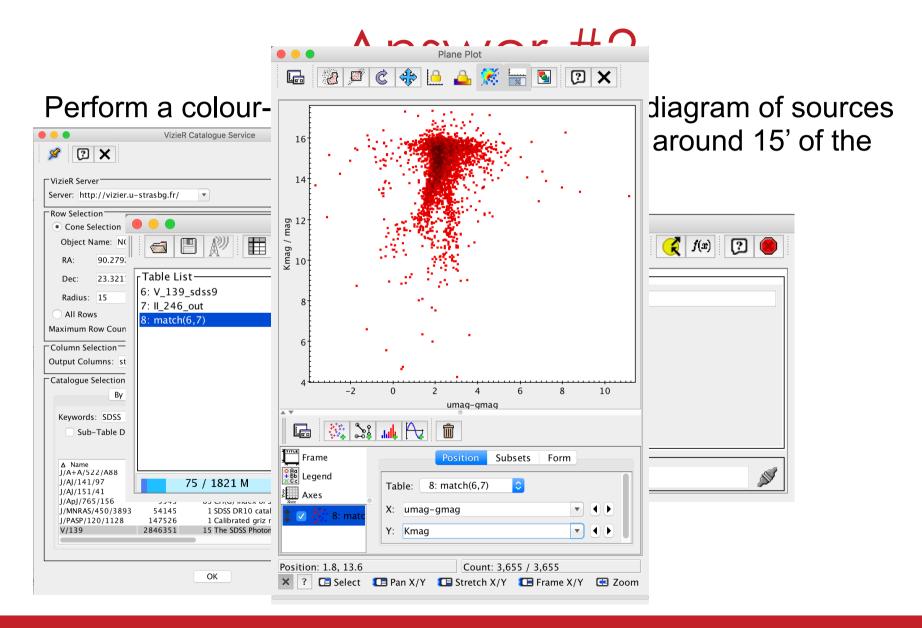




Perform a colour-magnitude (*Ks versus (u-g)*) diagram of sources detected within SDSS and 2MASS catalogues around 15' of the center of NGC2129.









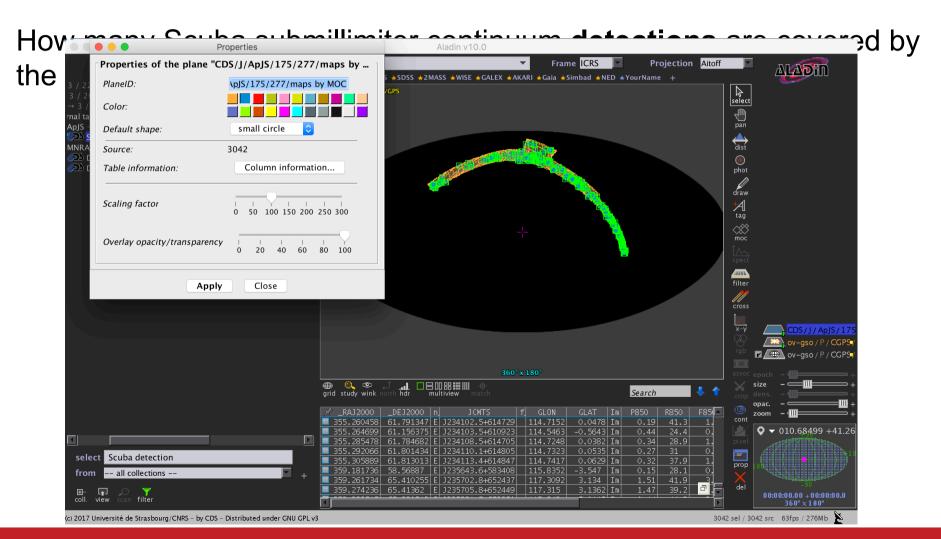


How many Scuba submillimiter continuum **detections** are covered by the CGPS-VGPS **HI** Gas-lines **image** survey?





Answer #3







Does HD142666 show infrared excess?

Can the star be placed at a distance of 10 pc?

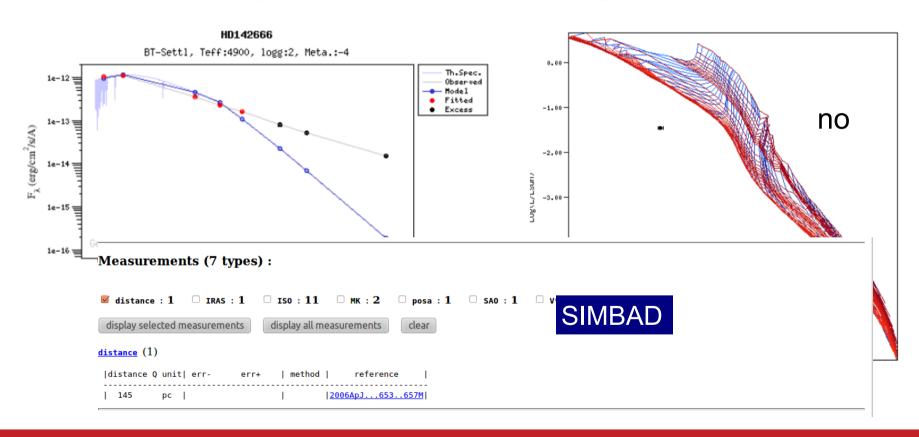




Answer #4

Does HD142666 show infrared excess?

Can the star be placed at a distance of 10 pc?





There are probably 2 white dwarfs moving with the pleiades. Find their positions.

use ADQL

hint: assume average parallax is 7mas