



LORAIN, OHIO

GUIDESCOPE

<http://junior.apk.net/~arstar50/BlackRiver.index.html>

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the guidescope webpage can be found at www.eriecoast.com/~homegrown

January 2005

Happy New Year !

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B.R.A.S. Officers

President: Mike Harkey

Vice President: Dave Lengyel

Treasurer: John Reising

Secretary: Dave Gulyas

Meeting Dates

° Regular Monthly Meeting at Carlisle Visitor's Center Jan 05, 2005

7:00 PM

° Monthly Board Meeting at the Blue Sky Restaurant Jan 13, 2005

7:00 PM

Observing Dates

° Friday January 7 7:00-9:00 PM Deep Freeze Sky

° Friday January 21 7:00-9:00 PM Ring in the New Year with Saturn

° Solar viewing will resume on Sunday, May 29, 2005

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Location Sites

NIELSEN OBSERVATORY is located at the Lorain Metro Parks

Equestrian Center on Diagonal Road in Carlisle Township

CARLISLE VISITOR'S CENTER is located at 12882 Diagonal Road in

Carlisle Township

BEAVER CREEK RESERVATION is located on N Lake St / Oak Point just south of Rt 2 next to the Amherst Police Station.

BLUE SKY RESTAURANT is located on Rt 58 just north of Rt 2 on the east side of the street in Amherst

LORENZO'S RESTAURANT is located in Oberlin in the SW quadrant of RT58 and College St behind the storefronts. There is a large parking lot, and access can be gained from both RT58 and College St

BIRMINGHAM METHODIST CHURCH is located in Birmingham, Ohio. Take the Ohio Turnpike and exit at 135 (Baumhart Rd). [Alternately, take RT2 to Baumhart Rd] Go south on Baumhart to RT113, then head west to Birmingham. Turn left (south) at the first street over the bridge as you enter Birmingham. Continue on South St as it curves to the right, and the meeting hall will be on the left.

BOY SCOUT CAMP is located on Bates Rd about 500 yds west of the intersection of Bates and Gore Orphanage Rd. The gate is on the right (north) side of the road as you head west.

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Sale & Trade

Apogee 15 mm 70 deg wide field eyepiece in near new condition. Price: \$40.00 John Reising Tel: 440-327-3301

Astro Physics 5" F/12 super planetary scope with the original equipment and a wooden tripod as well. Partial list of scope and equipment:

Optical tube, AP EQ mount, AP dual axis's drive corrector, AP field pier, wooden tripod and more. I won't sell it as pieces, complete only. I want to start with the price at a very reasonable \$3,800.00 for all, this price doesn't include any packing, shipping or insurance costs.

Mike Williams Tel: 440-235-9193 or 440-235-6867

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Whats Happenin

The Black River Astronomical Society Holiday Dinner took place on December 1, 2004 at the Beaver Creek Reservatiion in Amherst. Twenty-six members took advantage of this holiday feast, and as usual, the food was excellent.

President Mike Harkey started off the evening by opening up a brief meeting. Vice President, Dave Lengyel, gave his usual informative observation report. Following adjournment, the group got down to the really important business of the night around the buffet table.

Kudos to Jim Cunningham, who once again came through with some really tasty pre-dinner munchies.

A special thanks to those members who arrived early to set up, and stayed late to clean up, and also to Mike Harkey, who provided the doorprizes.

Below are three pictures of the event.



The Meeting



Good Prep Is

Everything



The Real Business

Dates from the Cleveland Museum

How the Milky Way Galaxy Changed with Time Dr Robert Zinn

Thursday, Mar 24, 2005

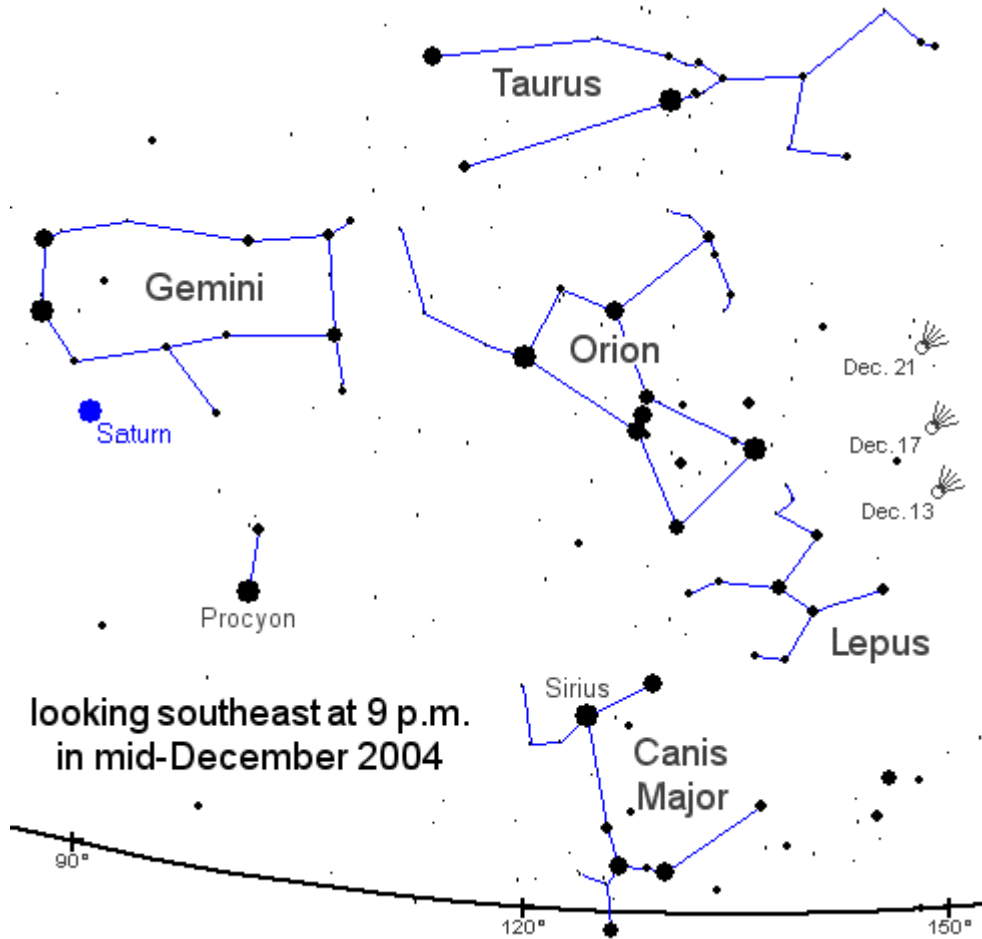
The Evolution of Galaxies Dr Jacqueline van Gorkom

Thursday, April 14, 2005

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Articles

Below is a map of the location of Comet Machholz provided by club member Dave Lengyel.



NASA's Shuttle and Rocket Missions

Date/2005 [Mission] [Vehicle] [Pad]

Jan. 8 Deep Impact NASA-Jet Propulsion Laboratory Launch Time: 1:39:50 p.m or 2:19:12 p.m. EST Delta II Boeing 17-B CCAFS

March 1 NET* DART NASA-Marshall Space Flight Center Pegasus XL Orbital Sciences VAFB

March 10 NOAA-N NASA-Goddard Space Flight Center / NOAA Delta II Boeing SLC-2 VAFB

1st Quarter GOES-N NASA-Goddard Space Flight Center / NOAA Delta IV Boeing 37 CCAFS

2nd Quarter STS-114 Return to Flight Mission Launch Planning Window: May 12 to June 3 Space Shuttle Discovery 39B KSC

May 26 Cloudsat/Calipso NASA-Jet Propulsion Laboratory/Goddard SpaceFlight Center Delta II Boeing SLC-2 VAFB

**Aug. 10 Mars Reconnaissance Orbiter NASA-Jet Propulsion Laboratory Atlas V
Lockheed Martin 41 CCAFS**

**December GOES-O NASA-Goddard Space Flight Center / NOAA Delta IV Boeing
37 CCAFS**

[Date/2006 Mission Vehicle Pad](#)

**Jan. 11 Pluto New Horizons NASA/Applied Physics Lab Atlas V Lockheed Martin
41 CCAFS**

Feb. 11 STEREO NASA-Goddard Space Flight Center Delta II Boeing 17 CCAFS

**Feb. 28 SpaceTech 5 NASA-Jet Propulsion Laboratory Pegasus XL Orbital Sciences
CCAFS**

June 17 Dawn NASA-Jet Propulsion Laboratory Delta II Boeing 17 CCAFS

Aug. 22 Themis NASA-Goddard Space Flight Center Delta II Boeing 17 CCAFS

**Sept. 29 AIM NASA-Goddard Space Flight Center Pegasus XL Orbital Sciences
VAFB**

**October NPOESS Preparatory Project (NPP) NASA-Goddard Space Flight Center /
NOAA Delta II Boeing SLC-2 VAFB**

***No Earlier Than**

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