

OBJECT

Date: 5/25/01
Time Started: 9:23 PM CDT
Time Finished: 9:54 PM CDT
Transparency: 4.0
Seeing: 4.0

Common Name: Swelling Spiral
M#: 61
NGC #: 4303

Telescope: 12.5" Dob
Eyepiece: 12.5mm Plössl
Filter: —
Magnification: 122x

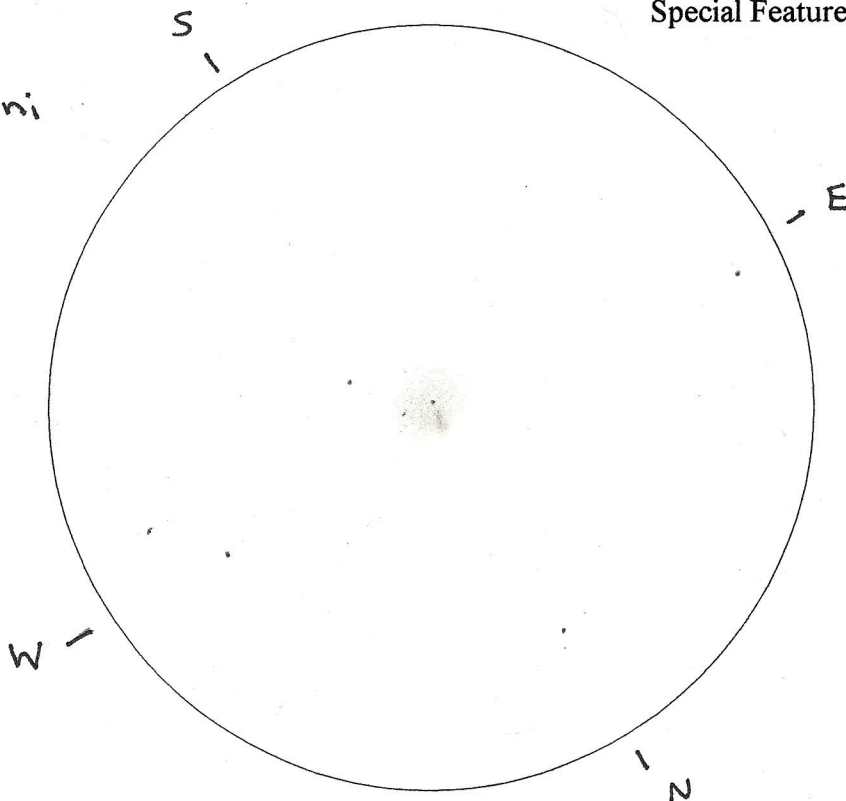
Type: Gal
Magnitude: 9.7
Size: 6' x 6'

Coordinates: 12h 21.9m 4° 28'

Special Features: Spiral Galaxy
Dist: 55 million ly

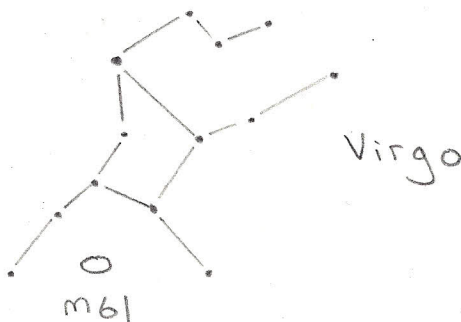
Discovered by
Barnabus Oriani
1779.

Star just to
the west of the
core is roughly
magnitude 14.5



Angular bends
in the spiral
arms give
an appearance
of a square
shape.

Locating
Sketch:



Description and Field Notes: Very low surface brightness object. Large, diffuse "smoke cloud" with dim starlike nucleus. A somewhat square shape apparent. No brightening toward the core. Very dim star visible just west of the nucleus. Also, a slightly brighter "knot" just to the north of the nucleus.