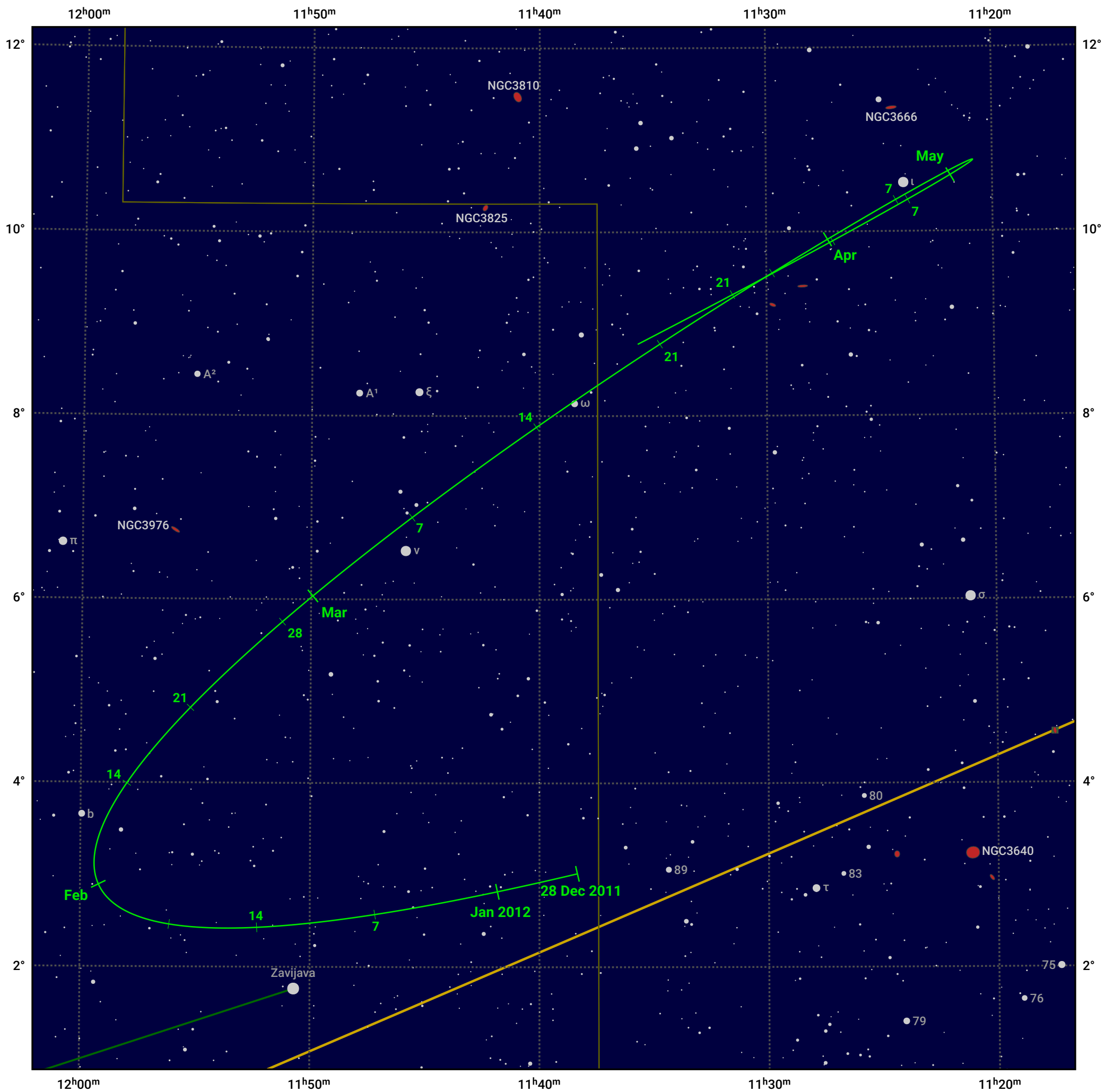


# The path of Asteroid 5 Astraea around opposition on 12 Mar 2012



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Magnitude scale: 11.0 10.0 9.0 8.0 7.0 6.0 5.0 4.0 3.0

— Ecliptic Plane

Galaxy    Bright nebula    Open cluster    Globular cluster

Date	Mag	Phase
2012 Jan 1	10.8	95%
2012 Feb 1	10.2	97%
2012 Feb 14	9.9	98%
2012 Mar 1	9.5	100%
2012 Apr 1	9.8	99%
2012 May 1	10.6	96%
2012 May 14	10.9	96%