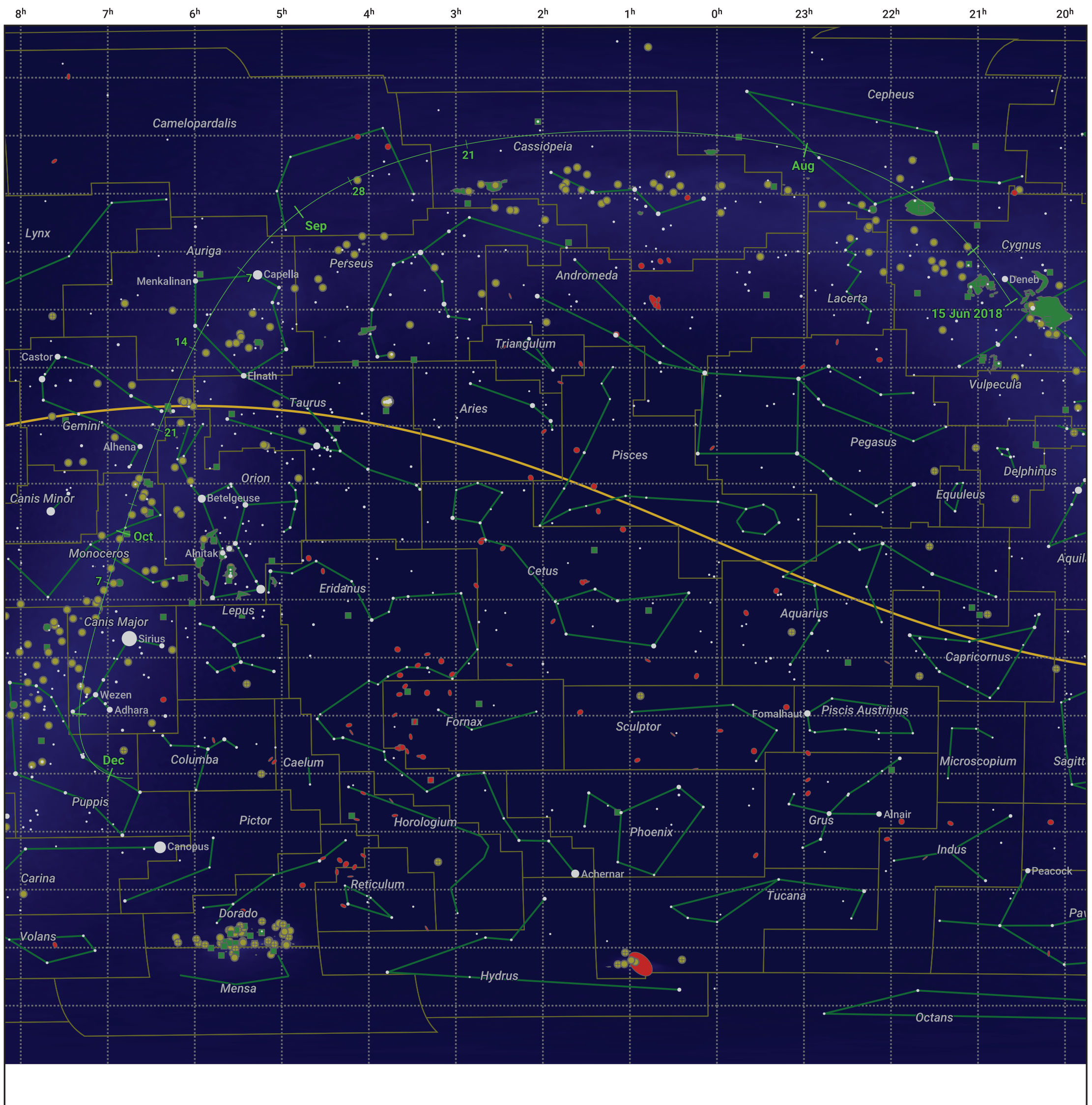


The path of 21P/Giacobini-Zinner starting on 15 Jun 2018



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Magnitude scale: -5.0 -4.0 -3.0 -2.0 -1.0 0.0 -1.0 -2.0

— Ecliptic Plane

Galaxy Bright nebula Open cluster Globular cluster

Date	Mag
2018 Jul 1	11.3
2018 Jul 2	11.3
2018 Jul 18	10.2
2018 Aug 2	9.2
2018 Aug 18	8.2
2018 Sep 1	7.4
2018 Sep 9	7.2
2018 Oct 11	8.2
2018 Oct 27	9.2
2018 Nov 1	9.6
2018 Nov 12	10.3
2018 Nov 29	11.3