

Constellations Tonight

20 Degrees North

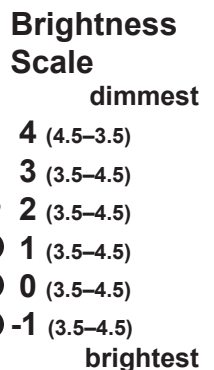
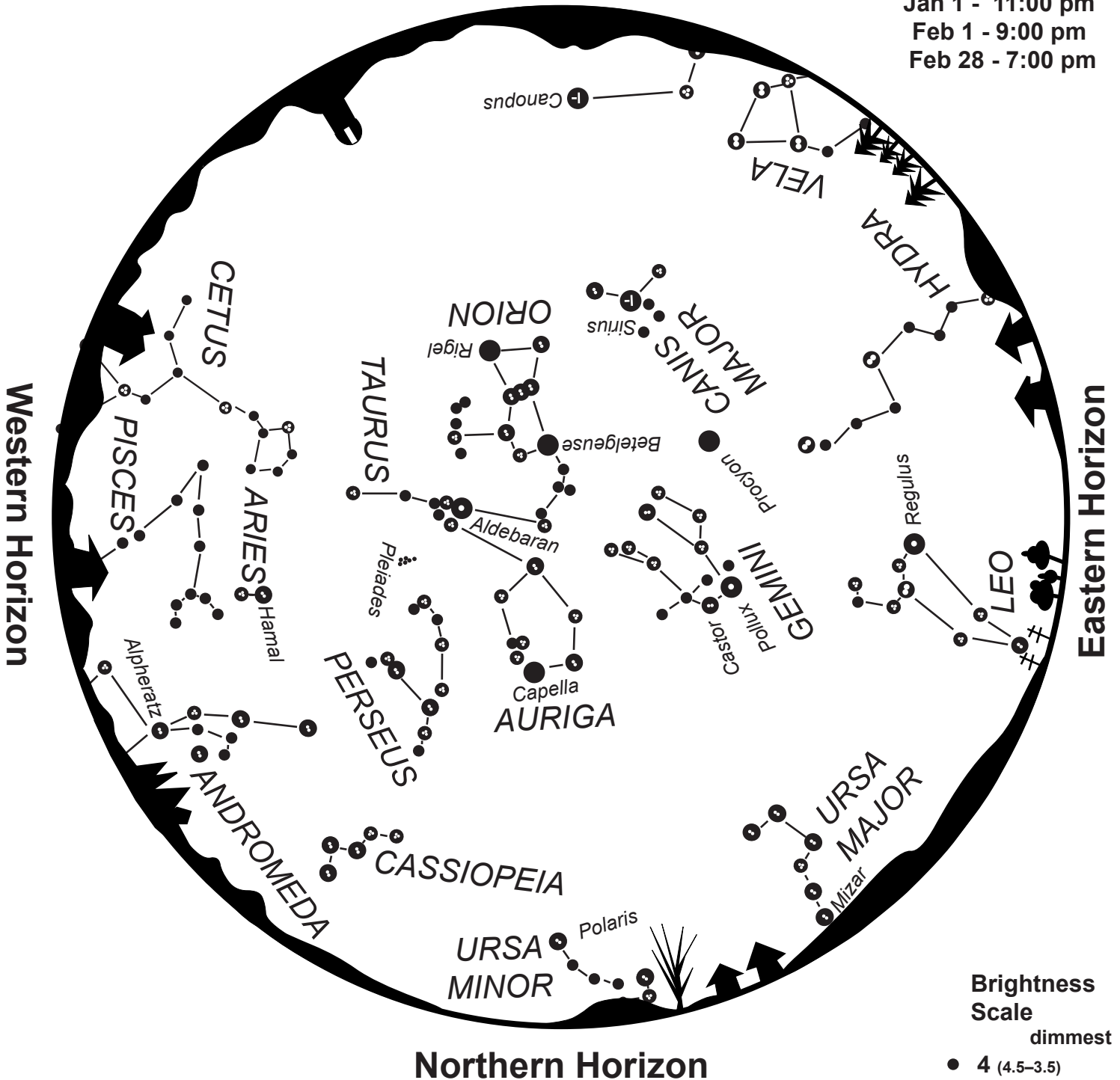
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Planetarium Activities for Student Success (PASS) website:
planetarium-activities.org

by Alan J. Friedman
edited and revised by Alan D. Gould
and Gregory Steerman

Evening Star Map for January–February

Southern Horizon

— STANDARD TIME —
 Jan 1 - 11:00 pm
 Feb 1 - 9:00 pm
 Feb 28 - 7:00 pm



To use map:

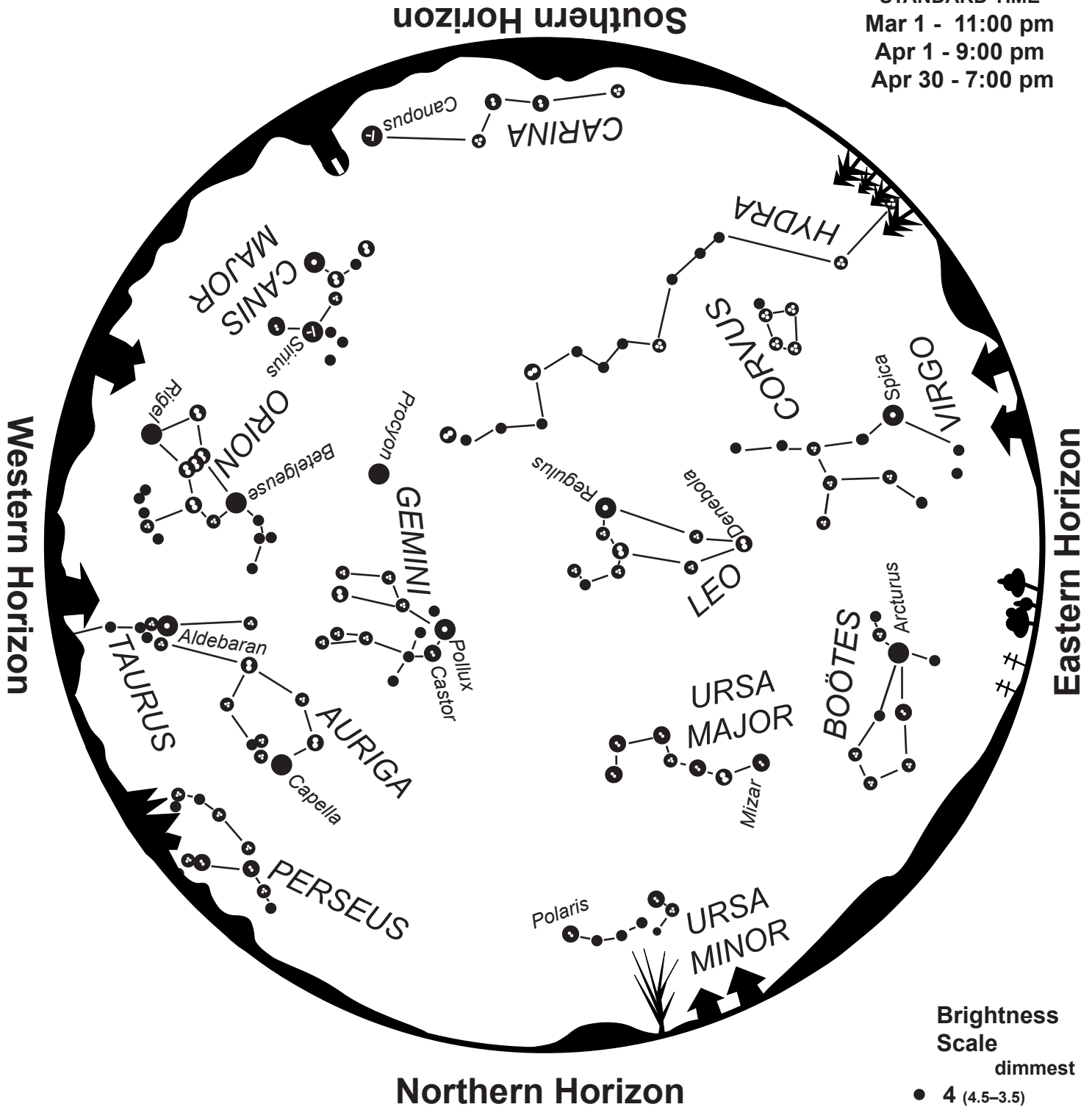
Turn the map so the direction you are facing is on the bottom.
 The constellations in the sky will match the constellations on the map.

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Evening Star Map for March–April

— STANDARD TIME —
 Mar 1 - 11:00 pm
 Apr 1 - 9:00 pm
 Apr 30 - 7:00 pm



Brightness Scale
 dimmest

- 4 (4.5–3.5)
- ⊕ 3 (3.5–4.5)
- ⊙ 2 (3.5–4.5)
- 1 (3.5–4.5)
- 0 (3.5–4.5)
- -1 (3.5–4.5)

brightest

To use map:

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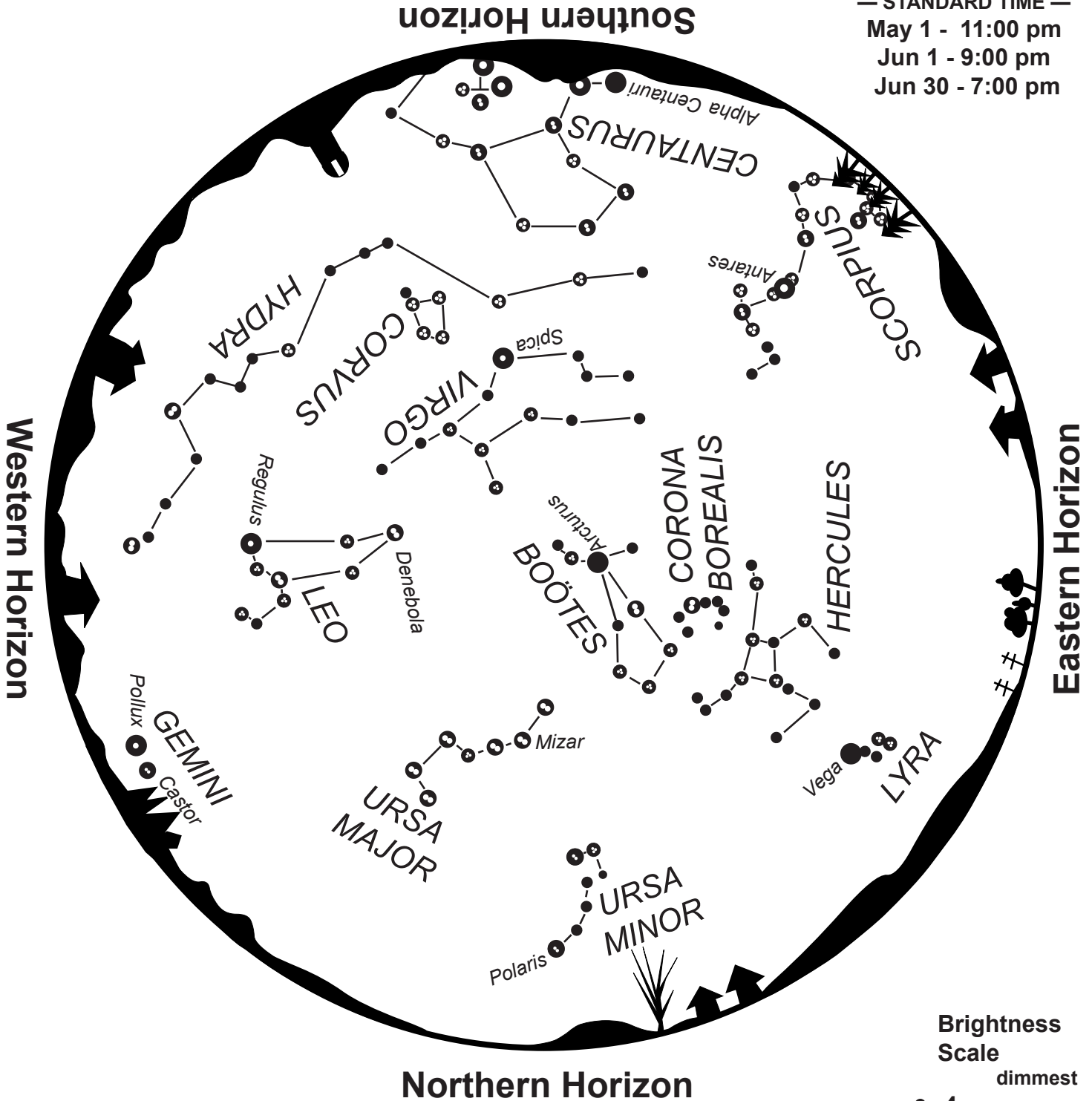
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Evening Star Map for May–June

— STANDARD TIME —
 May 1 - 11:00 pm
 Jun 1 - 9:00 pm
 Jun 30 - 7:00 pm



Brightness Scale
 dimmest

- 4 (4.5–3.5)
- ⊕ 3 (3.5–4.5)
- ⊙ 2 (3.5–4.5)
- ⦿ 1 (3.5–4.5)
- 0 (3.5–4.5)
- ⊖ -1 (3.5–4.5)

brightest

To use map:

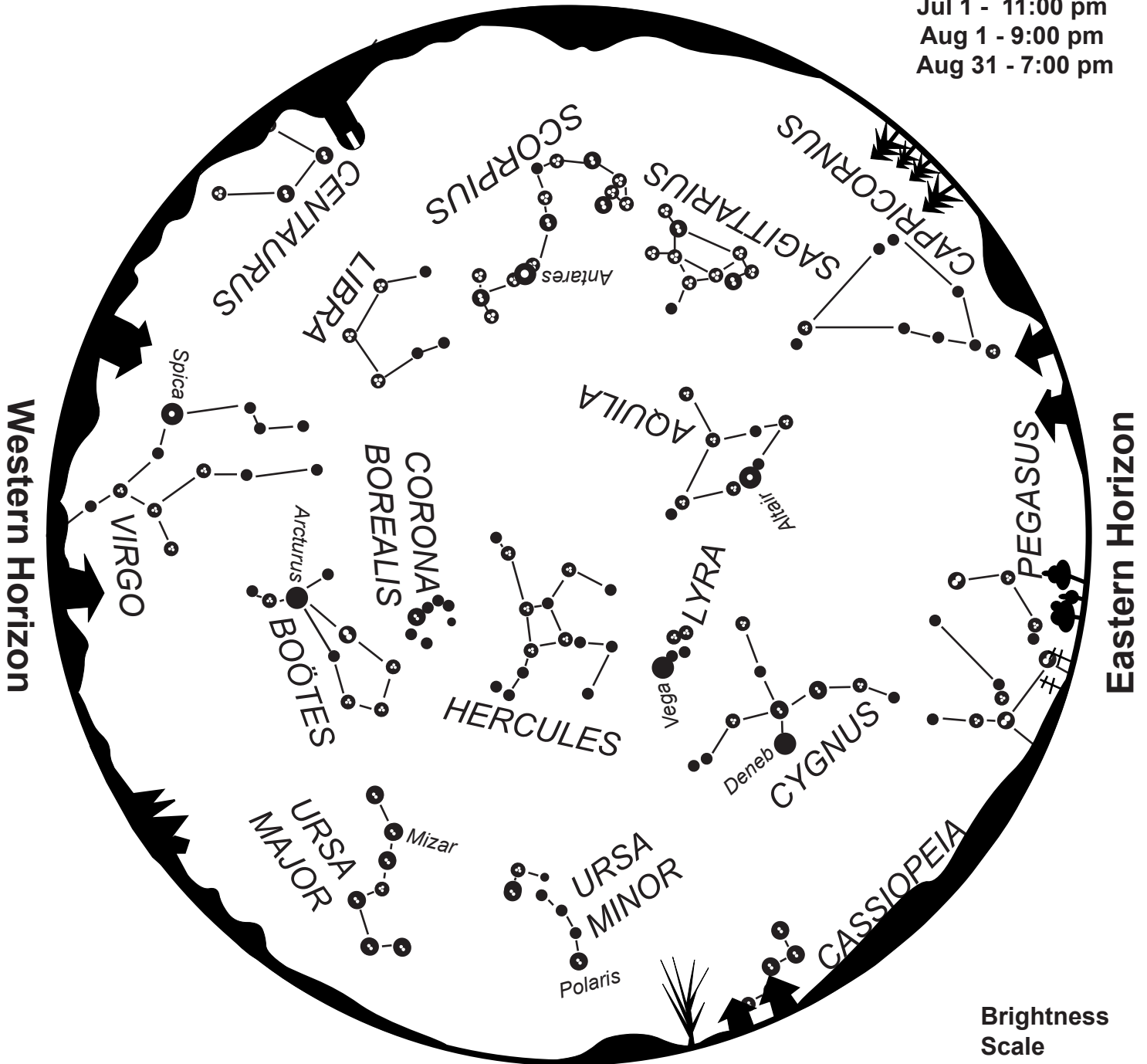
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Evening Star Map for July–August

Southern Horizon

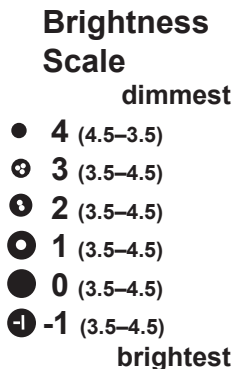
— STANDARD TIME —
 Jul 1 - 11:00 pm
 Aug 1 - 9:00 pm
 Aug 31 - 7:00 pm



Western Horizon

Eastern Horizon

Northern Horizon



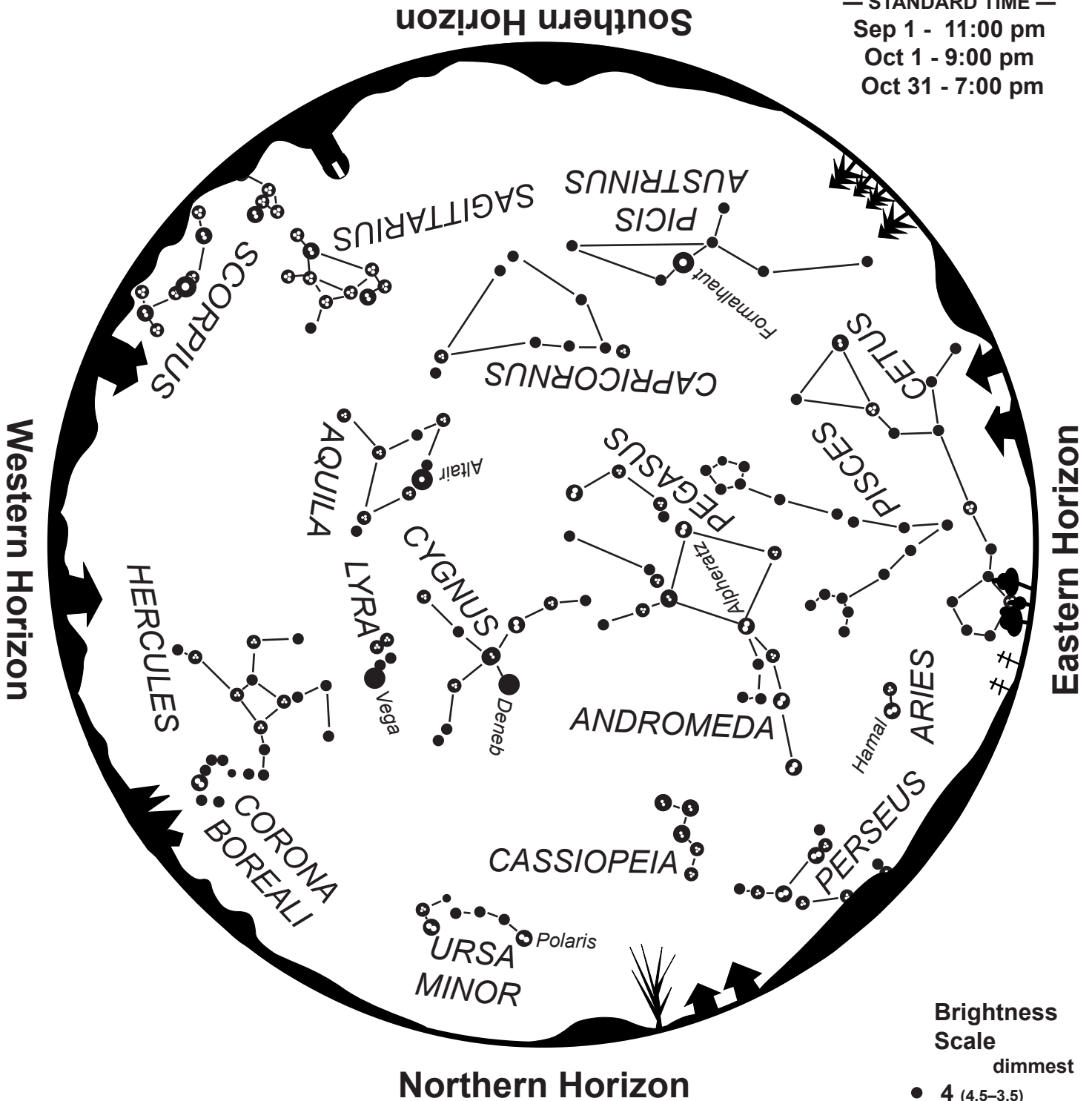
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Evening Star Map for September–October

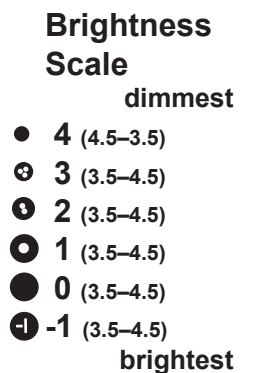
— STANDARD TIME —
 Sep 1 - 11:00 pm
 Oct 1 - 9:00 pm
 Oct 31 - 7:00 pm



To use map:

Turn the map so the direction you are facing is on the bottom.

The constellations in the sky will match the constellations on the map.



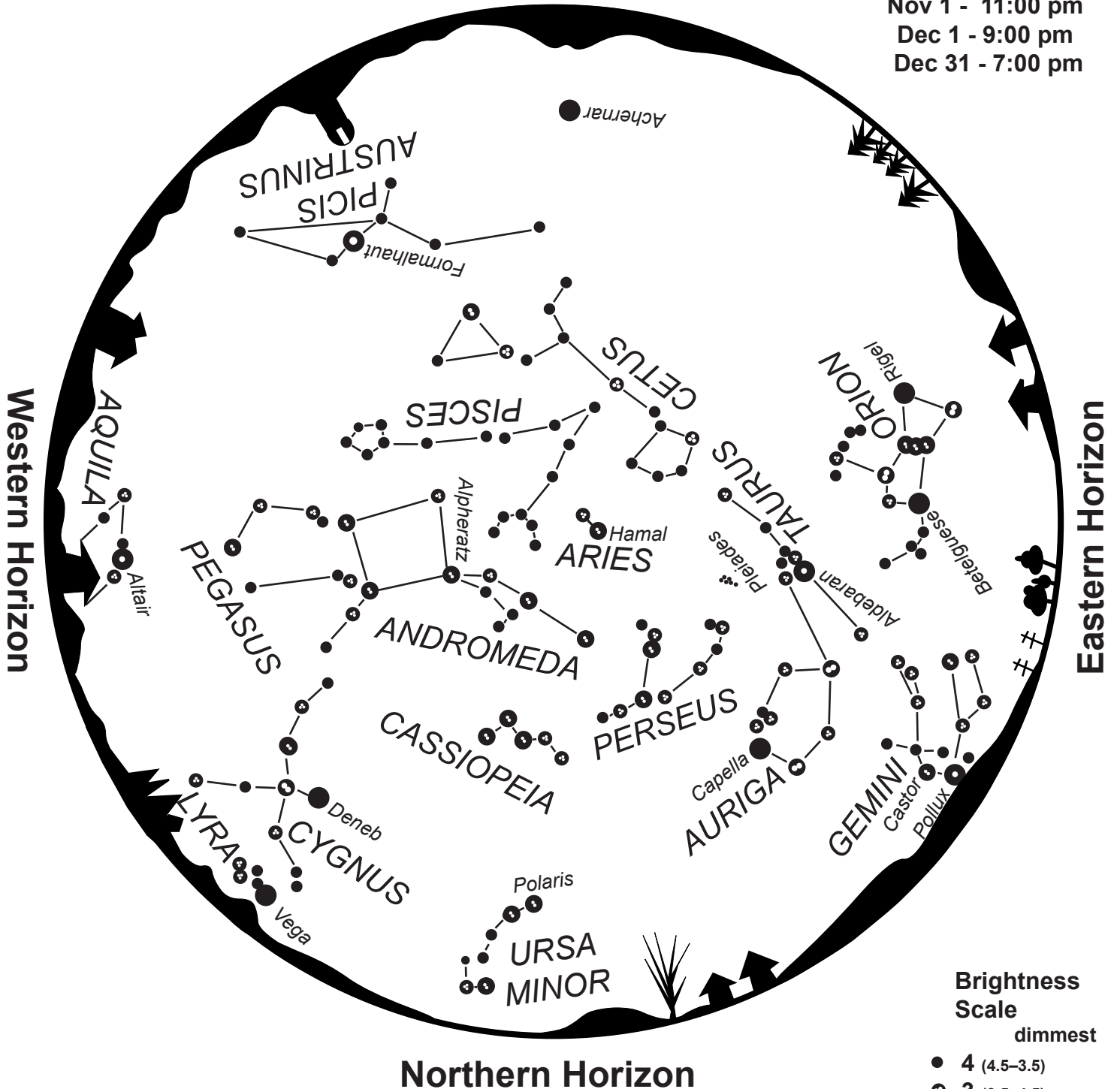
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Evening Star Map for November–December

Southern Horizon

— STANDARD TIME —
 Nov 1 - 11:00 pm
 Dec 1 - 9:00 pm
 Dec 31 - 7:00 pm



Brightness Scale
 dimmest

- 4 (4.5–3.5)
- ⊕ 3 (3.5–4.5)
- ⊙ 2 (3.5–4.5)
- 1 (3.5–4.5)
- 0 (3.5–4.5)
- ⊖ -1 (3.5–4.5)

brightest

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