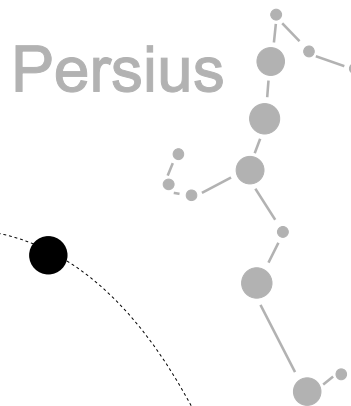
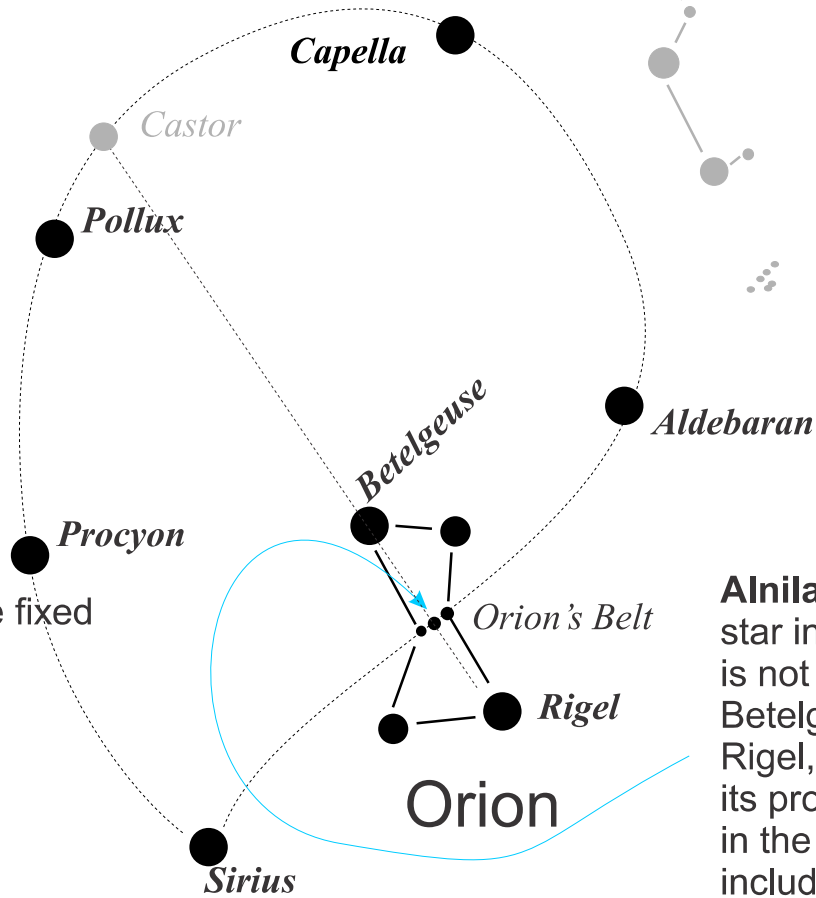


Big Dipper
(Ursa Major)



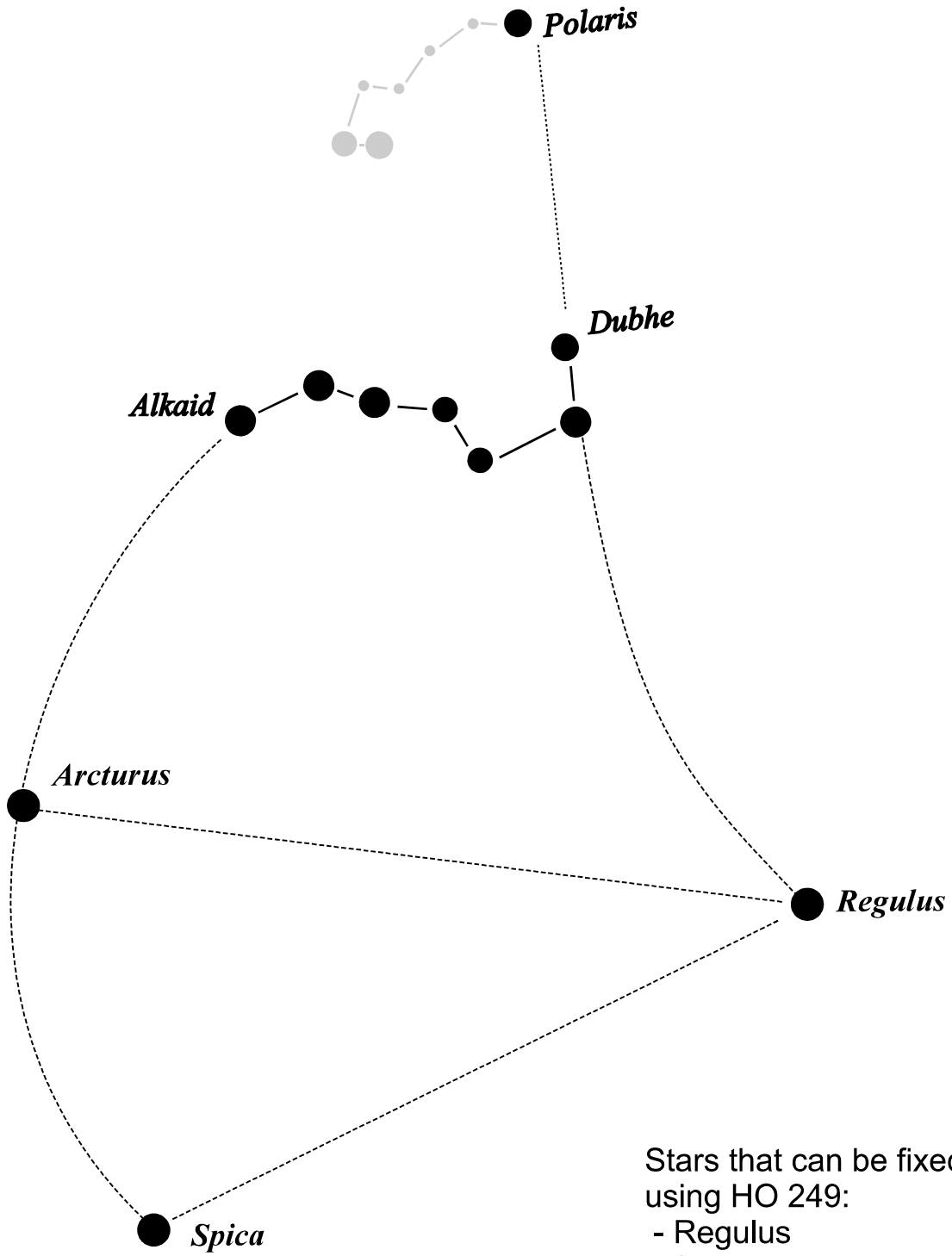
Pleiades
Cluster



Stars that can be fixed
using HO 249:

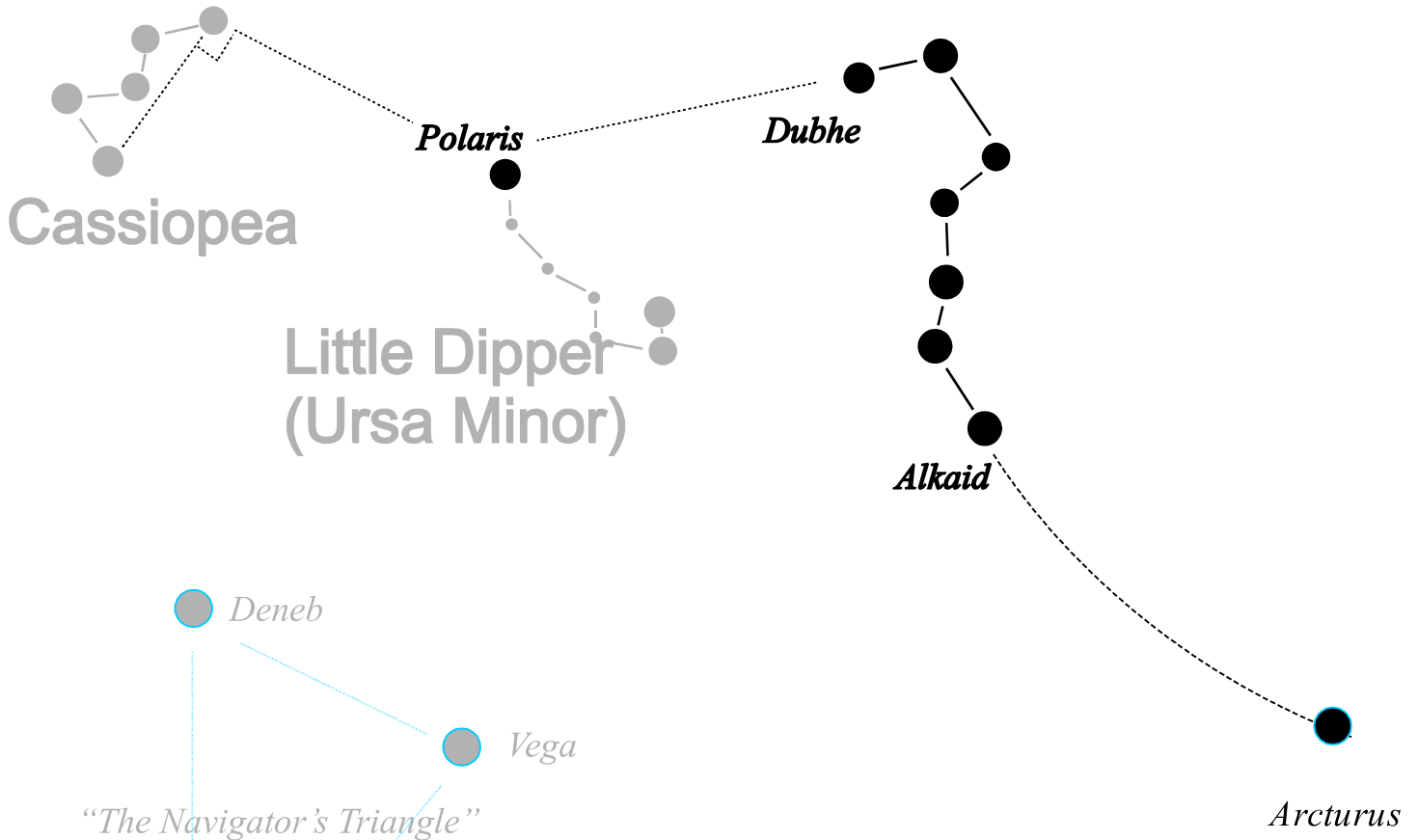
- Alnilam
- Aldebaran
- Betelgeuse
- Pollux
- Procyon
- Rigel
- Sirius

Alnilam, the center star in Orion's belt, is not as bright as Betelgeuse or Rigel, but because of its prominent position in the belt, it is also included among the navigational stars.



Stars that can be fixed
using HO 249:
- Regulus
- Arcturus
- Spica

Big Dipper (Ursa Major)



Stars that can be fixed
using HO 249:

- Arcturus
- Altair

The Navigational Stars Brighter Than Magnitude 1.5
That Can Be Reduced by Pub. 249

Star	Magnitude	Constellation	Comments
Aldebaran (al-DEB-ah ran)	0.85	Taurus	Arabic for "Follower" (i.e. of the Pleiades, which rise before Aldebaran)
Alnilam (ALL-nil-ahm)	1.70	Orion	Arabic for "String of Pearls" Magnitude less than 1.5...but identification is a snap with Alnilam the middle star in the belt of Orion
Altair (AL-tair)	0.77	Aquila	Arabic for a flying eagle
Antares (an-TAIR-ease)	1.09	Scorpio	"Mars" in Greek is Ares. "Antares" is a "rival to Mars", in light of its reddish color.
Arcturus (arc-TOUR-russ)	-0.04	Bootes	Greek for "the bear's guard" because of its location near Ursa Major (Latin for the Big Bear, in Greek: Arktos)
Betelgeuse (BET-el-jooz)	0.58	Orion	Arabic for "the armpit" (i.e. of Orion, the Hunter)
Pollux (POL-lucks)	1.15	Gemini	Latin name of one of Zeus' twin sons (the other is Castor, which is a dimmer star right next door)
Procyon (PRO-see-on)	0.34	Canis Minor	Greek for "before the dog" because it rises ahead of the dog star, Sirius. Dog in Greek is Cyon.
Regulus (REG-you-luss);	1.35	Leo	Latin for "the prince."
Rigel (RYE-jel)	0.12	Orion	Arabic for the "foot" (i.e. of Orion)
Sirius (SEER-ee-us)	-1.47	Canis Major	Greek for "the scorching one" – popularly called the dog star. The brightest star visible from planet earth.
Spica (SPY-ka or SPEE-ka)	1.04	Virgo	Latin for "the ear of corn"