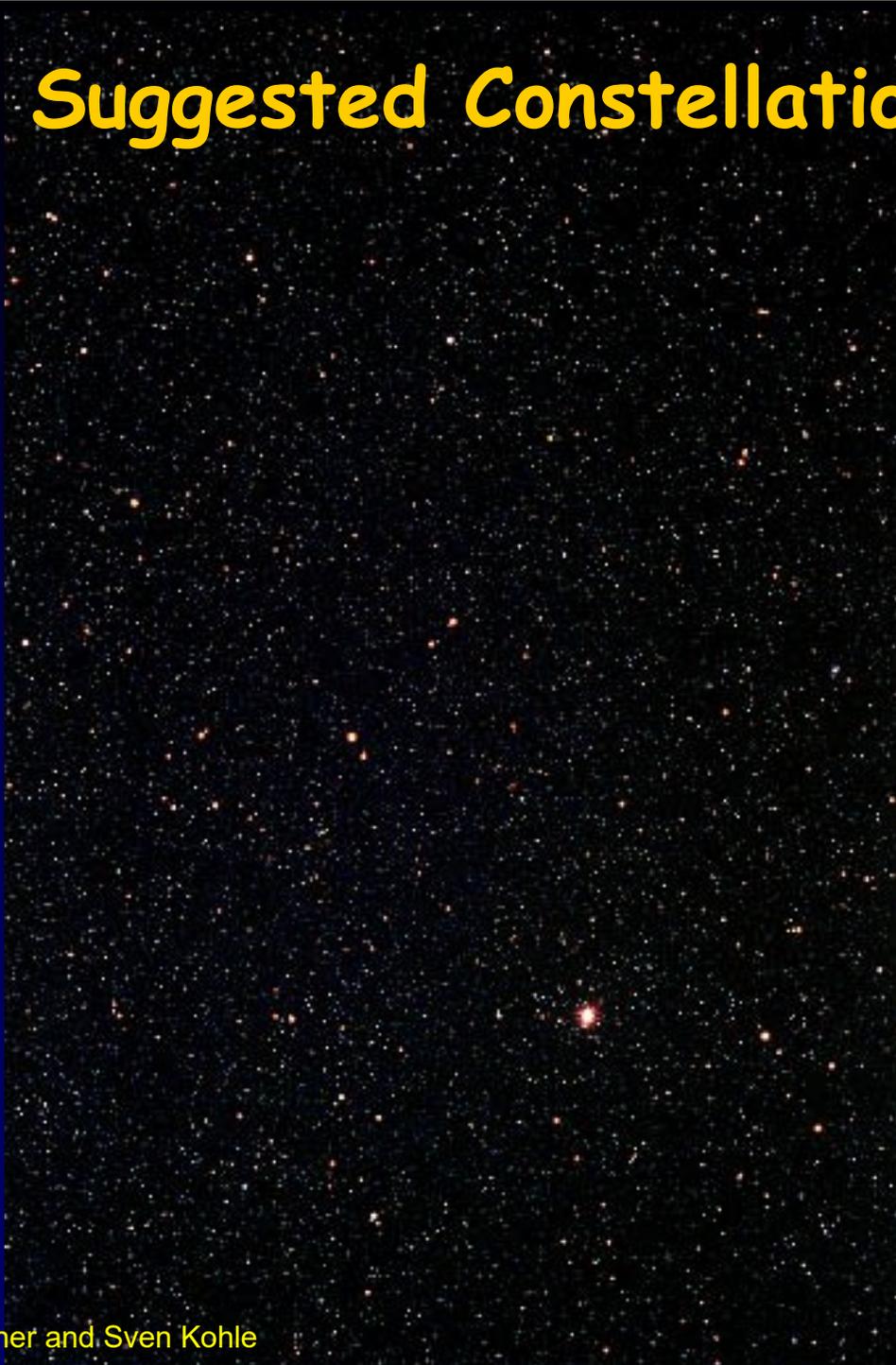
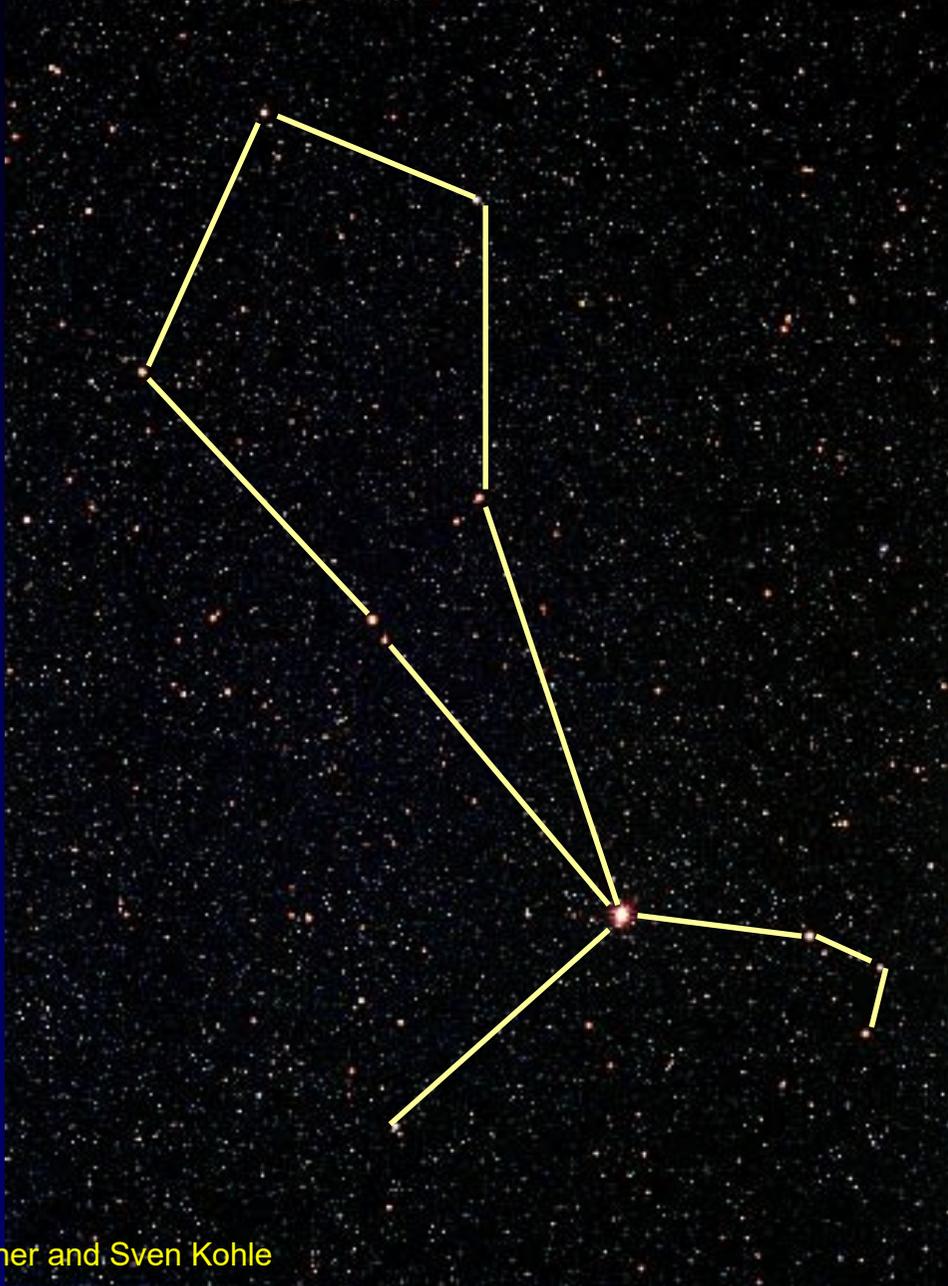


June's Suggested Constellation



*Have you
identified
it yet?*

June's Suggested Constellation



That's right -
Boötes

Boötes - Folklore

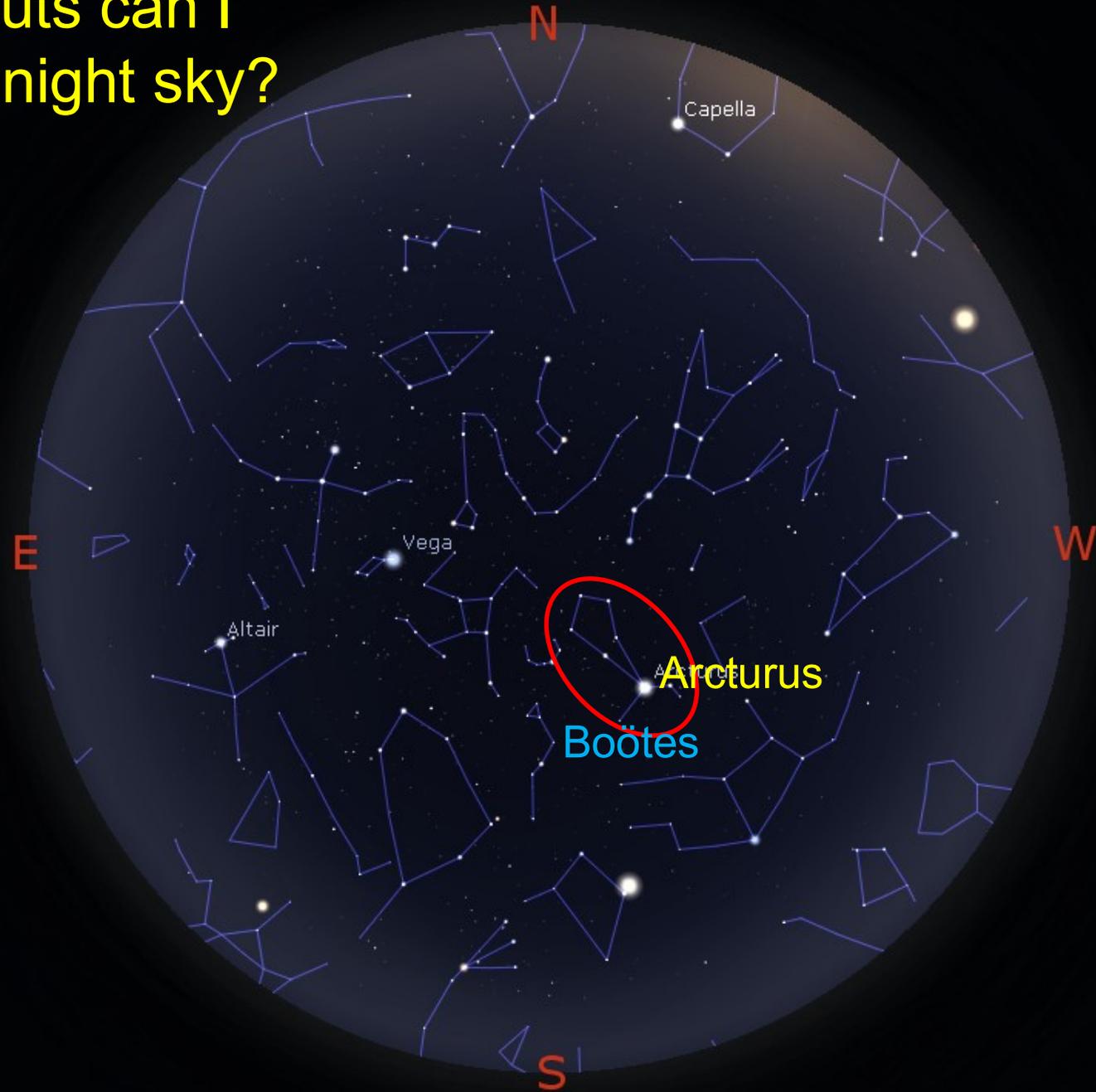


Known by the Babylonians and mentioned by Homer in *The Odyssey*; Boötes - the Herdsman, together with his two hunting dogs (Canes Venatici), shepherds the two bears around the Pole Star.

Boötes

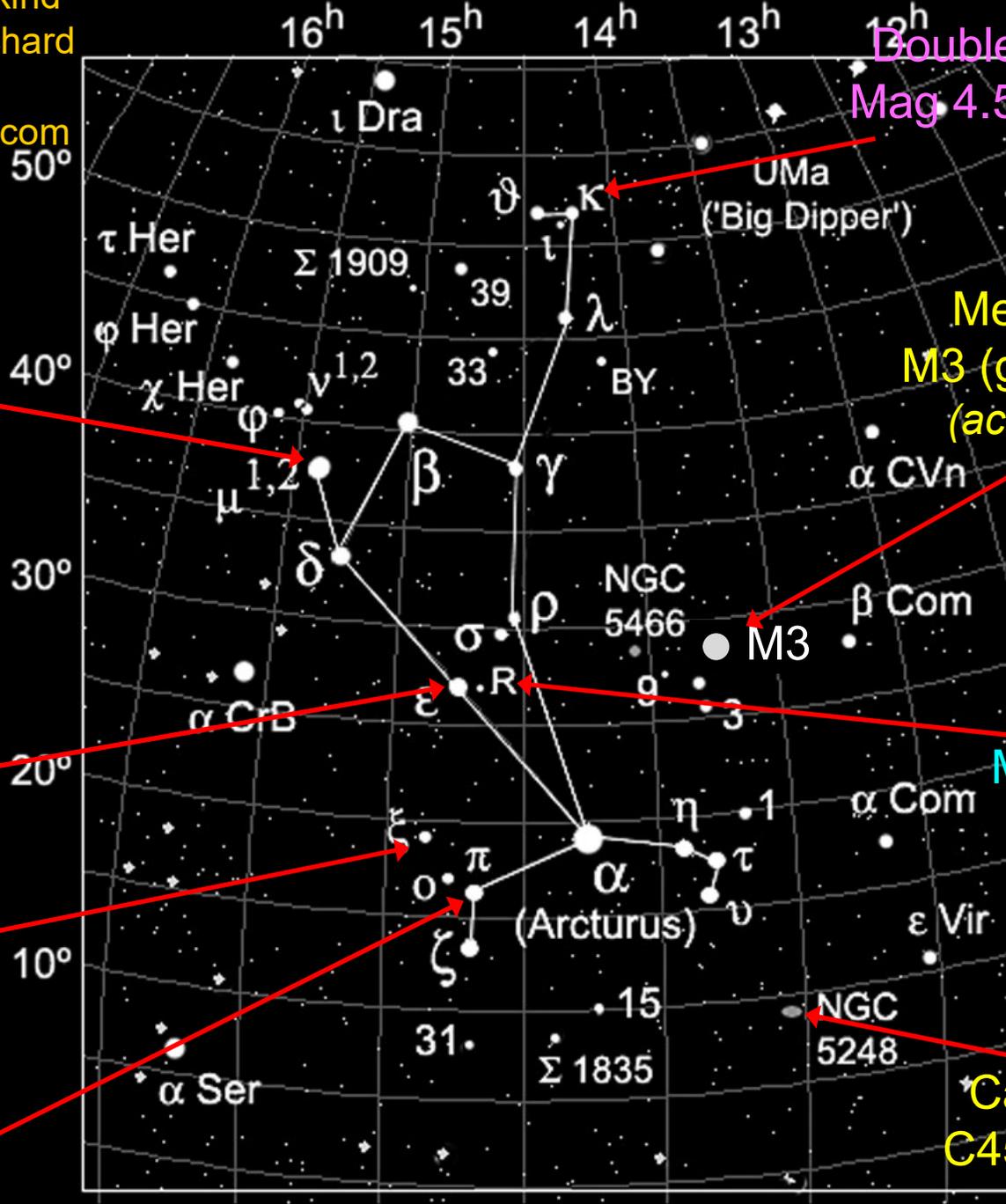
- Boötes is one of the largest constellations but is perhaps not one of the best known, nor easiest to find.
- Best way to locate it is to make your way to bright orange/red Arcturus (the brightest star in Boötes) by following a curving line down from the tail of the Plough.
- Boötes doesn't contain any Messier objects, however one of the northern hemisphere's best known globular clusters, M3, is close by, easily found half-way between Arcturus and Cor Caroli, the main star in Canes Venatici.
- One of Patrick Moore's Caldwell Objects lives here
 - C45, a spiral galaxy
- The constellation is home to several really attractive double stars.

Whereabouts can I find it in the night sky?



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Boötes



Double Star
Mag 4.5 & 6.6

Messier Object:
M3 (globular cluster)
(actually in *Canes Venatici*)

Variable Star
Mag 6.2 → 13.1

Caldwell Object:
C45 (spiral galaxy)

Triple Star
Mag 4.3, 7.0
& 7.6

Double Star
Mag 2.5 & 4.9

Double Star
Mag 4.7 & 7.0

Double Star
Mag 4.9 & 5.8

C45 (NGC 5248)

Spiral Galaxy



Distance 74M light years
Visual Brightness Magnitude 10.2

Apparent Dimensions 6 arc minutes
Discovered 1784 William Herschel

M3 (NGC 5272)

Globular Cluster



Distance 33,900 light years
Visual Brightness Magnitude 6.2

Apparent Dimensions 19 arc minutes
Discovered 1764 Charles Messier