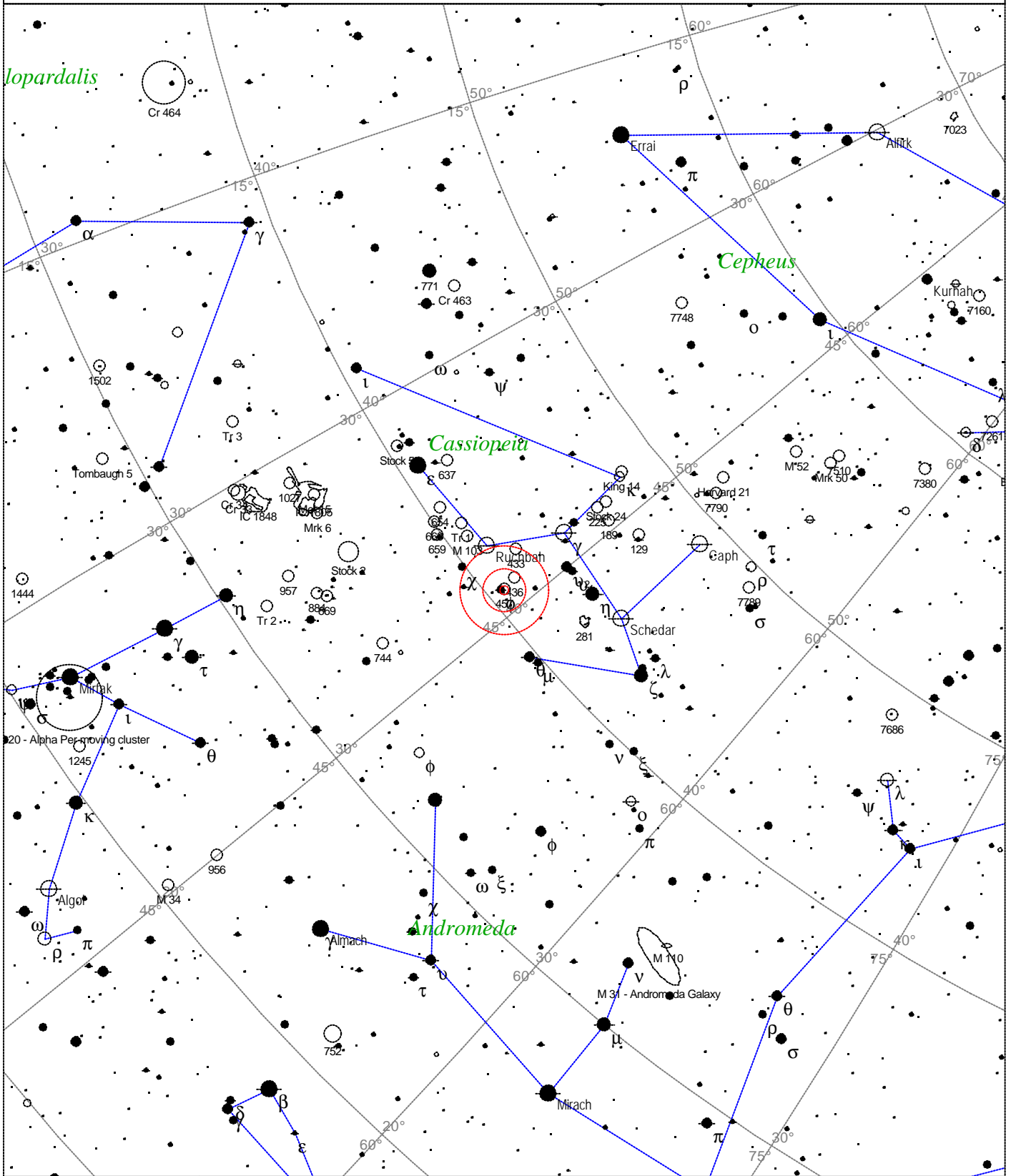


Caldwell 13 - NGC 457



<p>STARS</p> <ul style="list-style-type: none"> ● <3 ● 3.5 ● 4 ● 4.5 ● 5 ● 5.5 	<p>SYMBOLS</p> <ul style="list-style-type: none"> ● Multiple star ○ Variable star ☄ Comet ☾ Galaxy □ Bright nebula 	<p>SYMBOLS</p> <ul style="list-style-type: none"> □ Dark nebula ⊕ Globular cluster ○ Open cluster ♁ Planetary nebula ⊞ Quasar △ Radio source ✕ X-ray source ○ Other object 	<p>Caldwell 13 - NGC 457 Type of object: Open cluster Magnitude: 6.4 Size: 13.0' Right ascension: 1h 19m 43s Declination: +58° 18' 9" Constellation: Cassiopeia</p>
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Local Time: 19:40:11 12-Sep-2002 UTC: 19:40:11 12-Sep-2002 Sidereal Time: 18:56:39
 Location: 53° 27' 0" N 2° 31' 0" W RA: 1h19m43s Dec: +58° 18' Field: 45.0° Julian Day: 2452530.3196