

## LIMIT MAGNITUDE OF STARS (MALE)

### Characteristics



During observations of meteors showers that you have on my [web](#), at all the [Register Paper](#) & [Summary Paper](#) appears the nomenclator *MALE* or Limit magnitude of stars during this night and the time in U.T. together.

It's recommended at observations to make a MALE each half hour. By the way we must be establish at our sky and by means of observation of some [zones](#) numbers that they are indicated thereupon; we can know with a minimum mistake the limit magnitude of stars about our eyes during this night.

Triangles <a href="#">MALE</a>									
<a href="#">1</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">4</a>	<a href="#">5</a>	<a href="#">6</a>	<a href="#">7</a>	<a href="#">8</a>	<a href="#">9</a>	<a href="#">10</a>
<a href="#">11</a>	<a href="#">12</a>	<a href="#">13</a>	<a href="#">14</a>	<a href="#">15</a>	<a href="#">16</a>	<a href="#">17</a>	<a href="#">18</a>	<a href="#">19</a>	<a href="#">20</a>

By the way it's necessary to know the sky, and at concrete, the [constellations](#). Next we can observe some of named **MALE triangles** and next we must count the number of stars that we can see it, included stars of vertex of triangle.

With the number of visibles stars and the triangle number of MALE, with a simple [table](#) that you can see next, we can find out the limite magnitude of this night.

At [Summary Papers](#), appears at field of limite magnitude, the number os stars visibles at MALE triangle and the number of MALE triangle.

### MALE triangles

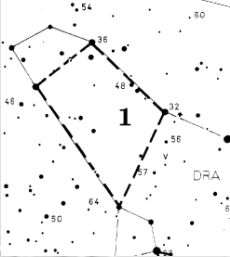


On N is a number of stars visibles on MALE triangle. Lm is at limit magnitude, and Zone is the MALE triangle that they limit with their vertex stars that all they are indicated at next table.

### Composition of MALE triangles

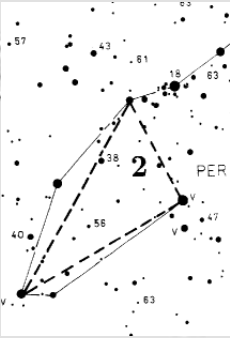


Triangles <a href="#">MALE</a>									
<a href="#">1</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">4</a>	<a href="#">5</a>	<a href="#">6</a>	<a href="#">7</a>	<a href="#">8</a>	<a href="#">9</a>	<a href="#">10</a>
<a href="#">11</a>	<a href="#">12</a>	<a href="#">13</a>	<a href="#">14</a>	<a href="#">15</a>	<a href="#">16</a>	<a href="#">17</a>	<a href="#">18</a>	<a href="#">19</a>	<a href="#">20</a>

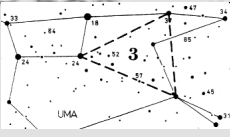
Chart n°1	Number of stars																																																								
	<table style="width: 100%; text-align: center;"> <thead> <tr> <th>N</th><th>Lm</th><th>N</th><th>Lm</th><th>N</th><th>Lm</th><th>N</th><th>Lm</th><th>N</th><th>Lm</th><th>N</th><th>Lm</th><th>N</th><th>Lm</th> </tr> </thead> <tbody> <tr> <td>2</td><td>2.9</td><td>3</td><td>3.7</td><td>4</td><td>3.9</td><td>6</td><td>5.0</td><td>7</td><td>5.1</td><td>8</td><td>5.4</td><td>10</td><td>5.6</td> </tr> <tr> <td>12</td><td>5.8</td><td>13</td><td>6.0</td><td>14</td><td>6.1</td><td>15</td><td>6.2</td><td>17</td><td>6.3</td><td>20</td><td>6.4</td><td>23</td><td>6.6</td> </tr> <tr> <td>27</td><td>6.8</td><td>29</td><td>6.9</td><td>31</td><td>7.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table>	N	Lm	N	Lm	N	Lm	N	Lm	N	Lm	N	Lm	N	Lm	2	2.9	3	3.7	4	3.9	6	5.0	7	5.1	8	5.4	10	5.6	12	5.8	13	6.0	14	6.1	15	6.2	17	6.3	20	6.4	23	6.6	27	6.8	29	6.9	31	7.0								
N	Lm	N	Lm	N	Lm	N	Lm	N	Lm	N	Lm	N	Lm																																												
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27	6.8	29	6.9	31	7.0																																																				
<b>Vertices</b>																																																									
χ, ζ, δ, θ Dracus																																																									

Triangles <a href="#">MALE</a>									
<a href="#">1</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">4</a>	<a href="#">5</a>	<a href="#">6</a>	<a href="#">7</a>	<a href="#">8</a>	<a href="#">9</a>	<a href="#">10</a>
<a href="#">11</a>	<a href="#">12</a>	<a href="#">13</a>	<a href="#">14</a>	<a href="#">15</a>	<a href="#">16</a>	<a href="#">17</a>	<a href="#">18</a>	<a href="#">19</a>	<a href="#">20</a>


Chart n°2	Number of stars

	<b>N Lm N Lm N Lm N Lm N Lm N Lm N Lm N Lm</b>								
	2 2.9 3 3.7 4 3.9 6 5.0 7 5.1 8 5.4 10 5.6 11 5.7								
	12 5.8 13 6.0 14 6.1 15 6.2 17 6.3 20 6.4 23 6.6 26 6.7 27 6.8 29 6.9 31 7.0								
<b>Vertices</b>									
β, δ, ζ Persei									

Triangles <a href="#">MALE</a>									
<a href="#">1</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">4</a>	<a href="#">5</a>	<a href="#">6</a>	<a href="#">7</a>	<a href="#">8</a>	<a href="#">9</a>	<a href="#">10</a>
<a href="#">11</a>	<a href="#">12</a>	<a href="#">13</a>	<a href="#">14</a>	<a href="#">15</a>	<a href="#">16</a>	<a href="#">17</a>	<a href="#">18</a>	<a href="#">19</a>	<a href="#">20</a>

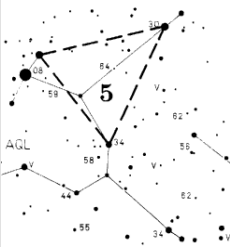
<b>Chart n°3</b>	<b>Number of stars</b>								
	<b>N Lm N Lm N Lm N Lm N Lm N Lm N Lm N Lm</b>								
	1 2.9 2 3.3 3 3.7 4 3.9 5 4.5 6 4.6 7 4.8 8 5.2 9 5.4								
	11 5.7 13 5.8 14 6.0 15 6.1 16 6.2 17 6.3 18 6.4 19 6.5 20 6.6 23 6.7 25 6.8								
<b>Vertices</b>									
23, θ, ζ Ursa Majoris									

Triangles <a href="#">MALE</a>									
<a href="#">1</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">4</a>	<a href="#">5</a>	<a href="#">6</a>	<a href="#">7</a>	<a href="#">8</a>	<a href="#">9</a>	<a href="#">10</a>
<a href="#">11</a>	<a href="#">12</a>	<a href="#">13</a>	<a href="#">14</a>	<a href="#">15</a>	<a href="#">16</a>	<a href="#">17</a>	<a href="#">18</a>	<a href="#">19</a>	<a href="#">20</a>

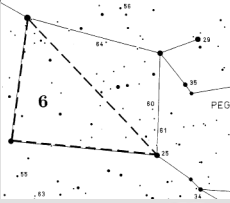
<b>Chart n°4</b>	<b>Number of stars</b>								
	<b>N Lm N Lm N Lm N Lm N Lm N Lm N Lm N Lm</b>								
	1 1.2 2 2.4 3 3.2 4 3.9 5 4.3 6 5.0 7 5.1 8 5.3								
	9 5.6 10 5.7 11 5.9 12 6.1 13 6.2 14 6.3 15 6.4 16 6.5 18 6.6 20 6.7 22 6.9 23 7.0								
<b>Vertices</b>									
α, ε, β Geminorum									

Triangles <a href="#">MALE</a>									
<a href="#">1</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">4</a>	<a href="#">5</a>	<a href="#">6</a>	<a href="#">7</a>	<a href="#">8</a>	<a href="#">9</a>	<a href="#">10</a>
<a href="#">11</a>	<a href="#">12</a>	<a href="#">13</a>	<a href="#">14</a>	<a href="#">15</a>	<a href="#">16</a>	<a href="#">17</a>	<a href="#">18</a>	<a href="#">19</a>	<a href="#">20</a>

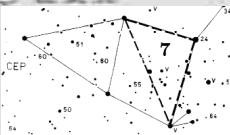
<b>Chart n°5</b>	<b>Number of stars</b>								
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	<b>N Lm N Lm N Lm N Lm N Lm N Lm N Lm N Lm</b> 1 2.8 2 3.0 3 3.4 4 4.6 5 5.1 6 5.2 7 5.4 8 6.0 10 6.2 11 6.4 12 6.5 13 6.6 19 6.9 22 7.0
	<b>Vertices</b>
	ζ, γ, δ Aquilae

Triangles <a href="#">MALE</a>									
<a href="#">1</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">4</a>	<a href="#">5</a>	<a href="#">6</a>	<a href="#">7</a>	<a href="#">8</a>	<a href="#">9</a>	<a href="#">10</a>
<a href="#">11</a>	<a href="#">12</a>	<a href="#">13</a>	<a href="#">14</a>	<a href="#">15</a>	<a href="#">16</a>	<a href="#">17</a>	<a href="#">18</a>	<a href="#">19</a>	<a href="#">20</a>

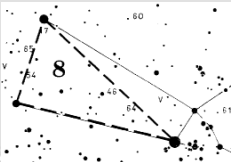
<b>Chart n°6</b> 	<b>Number of stars</b> <b>N Lm N Lm N Lm N Lm N Lm N Lm N Lm N Lm</b> 1 2.1 2 2.6 3 2.9 4 4.7 5 5.2 6 5.4 7 5.7 8 5.9 9 6.2 12 6.3 14 6.4 17 6.5 20 6.6 25 6.7 29 6.8 30 6.9 33 7.0
<b>Vertices</b>	
α Andromedae, γ, α Pegasi	

Triangles <a href="#">MALE</a>									
<a href="#">1</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">4</a>	<a href="#">5</a>	<a href="#">6</a>	<a href="#">7</a>	<a href="#">8</a>	<a href="#">9</a>	<a href="#">10</a>
<a href="#">11</a>	<a href="#">12</a>	<a href="#">13</a>	<a href="#">14</a>	<a href="#">15</a>	<a href="#">16</a>	<a href="#">17</a>	<a href="#">18</a>	<a href="#">19</a>	<a href="#">20</a>

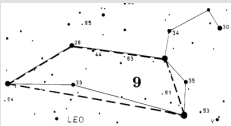
<b>Chart n°7</b> 	<b>Number of stars</b> <b>N Lm N Lm N Lm N Lm N Lm N Lm N Lm N Lm</b> 1 2.6 2 3.3 3 4.0 4 4.5 5 4.6 7 4.9 8 5.2 10 5.4 12 5.5 13 5.9 14 6.0 15 6.1 17 6.2 18 6.3 20 6.4 22 6.5 23 6.8 26 6.9 33 7.0
<b>Vertices</b>	
α, β, δ Cephei	

Triangles <a href="#">MALE</a>									
<a href="#">1</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">4</a>	<a href="#">5</a>	<a href="#">6</a>	<a href="#">7</a>	<a href="#">8</a>	<a href="#">9</a>	<a href="#">10</a>
<a href="#">11</a>	<a href="#">12</a>	<a href="#">13</a>	<a href="#">14</a>	<a href="#">15</a>	<a href="#">16</a>	<a href="#">17</a>	<a href="#">18</a>	<a href="#">19</a>	<a href="#">20</a>

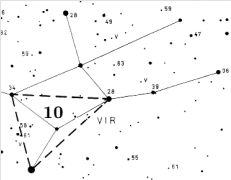
<b>Chart n°8</b>	<b>Number of stars</b>
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	<b>N Lm N Lm N Lm N Lm N Lm N Lm N Lm N Lm</b> 1 1.1 2 1.8 3 3.0 4 4.7 5 4.8 7 5.1 8 5.3 9 5.5 10 5.9 11 6.0 12 6.1 15 6.2 16 6.3 17 6.4 20 6.5 21 6.6 23 6.7 26 6.8 28 6.9 29 7.0
	<b>Vertices</b>
	$\alpha, \beta, \zeta$ Tauri

Triangles <a href="#">MALE</a>									
<a href="#">1</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">4</a>	<a href="#">5</a>	<a href="#">6</a>	<a href="#">7</a>	<a href="#">8</a>	<a href="#">9</a>	<a href="#">10</a>
<a href="#">11</a>	<a href="#">12</a>	<a href="#">13</a>	<a href="#">14</a>	<a href="#">15</a>	<a href="#">16</a>	<a href="#">17</a>	<a href="#">18</a>	<a href="#">19</a>	<a href="#">20</a>

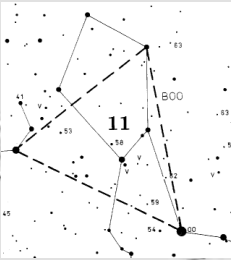
<b>Chart n°9</b>	<b>Number of stars</b>
	<b>N Lm N Lm N Lm N Lm N Lm N Lm N Lm N Lm</b> 1 1.3 2 2.2 4 2.6 5 3.4 6 3.8 7 4.4 8 5.0 11 5.6 13 5.7 15 6.0 18 6.1 20 6.3 21 6.4 24 6.6 25 6.7 29 6.9 32 7.0
	<b>Vertices</b>
	$\alpha, \beta, \delta$ Leonis

Triangles <a href="#">MALE</a>									
<a href="#">1</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">4</a>	<a href="#">5</a>	<a href="#">6</a>	<a href="#">7</a>	<a href="#">8</a>	<a href="#">9</a>	<a href="#">10</a>
<a href="#">11</a>	<a href="#">12</a>	<a href="#">13</a>	<a href="#">14</a>	<a href="#">15</a>	<a href="#">16</a>	<a href="#">17</a>	<a href="#">18</a>	<a href="#">19</a>	<a href="#">20</a>

<b>Chart n°10</b>	<b>Number of stars</b>
	<b>N Lm N Lm N Lm N Lm N Lm N Lm N Lm N Lm</b> 1 1.2 2 2.9 3 3.4 4 4.5 5 5.8 7 5.9 8 6.0 11 6.1 12 6.4 15 6.5 16 6.7 17 6.8 19 7.0
	<b>Vertices</b>
	$\alpha, \zeta, \gamma$ Virginis

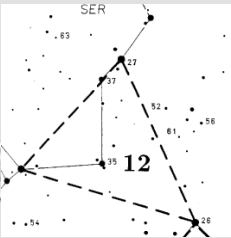
Triangles <a href="#">MALE</a>									
<a href="#">1</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">4</a>	<a href="#">5</a>	<a href="#">6</a>	<a href="#">7</a>	<a href="#">8</a>	<a href="#">9</a>	<a href="#">10</a>
<a href="#">11</a>	<a href="#">12</a>	<a href="#">13</a>	<a href="#">14</a>	<a href="#">15</a>	<a href="#">16</a>	<a href="#">17</a>	<a href="#">18</a>	<a href="#">19</a>	<a href="#">20</a>

<b>Chart n°11</b>	<b>Number of stars</b>
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	<b>N Lm N Lm N Lm N Lm N Lm N Lm N Lm N Lm</b> 1 0.2 2 2.3 3 2.7 4 3.0 5 3.8 6 4.5 7 4.7 9 4.9 10 5.0 11 5.3 13 5.7 14 5.8 17 5.9 19 6.0 21 6.1 23 6.2 25 6.3 27 6.4 30 6.5 32 6.6 36 6.7
	<b>Vertices</b>
	$\alpha$ Corona Borealis, $\gamma$ , $\alpha$ Booti

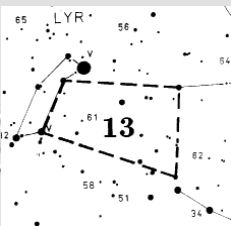
**Triangles** [MALE](#)

<a href="#">1</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">4</a>	<a href="#">5</a>	<a href="#">6</a>	<a href="#">7</a>	<a href="#">8</a>	<a href="#">9</a>	<a href="#">10</a>
<a href="#">11</a>	<a href="#">12</a>	<a href="#">13</a>	<a href="#">14</a>	<a href="#">15</a>	<a href="#">16</a>	<a href="#">17</a>	<a href="#">18</a>	<a href="#">19</a>	<a href="#">20</a>

<b>Chart n°12</b>	<b>Number of stars</b>
	<b>N Lm N Lm N Lm N Lm N Lm N Lm N Lm N Lm</b> 2 2.7 3 3.0 4 3.6 5 3.7 6 5.2 7 5.3 9 5.4 11 5.6 13 5.8 14 6.4 17 6.5 19 6.7 20 6.8 22 6.9 23 7.0
<b>Vertices</b>	
$\alpha$ Serpentis, $\beta$ Librae, $\delta$ Ophiuchii	

**Triangles** [MALE](#)

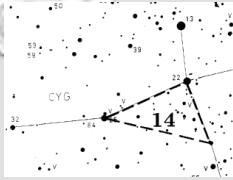
<a href="#">1</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">4</a>	<a href="#">5</a>	<a href="#">6</a>	<a href="#">7</a>	<a href="#">8</a>	<a href="#">9</a>	<a href="#">10</a>
<a href="#">11</a>	<a href="#">12</a>	<a href="#">13</a>	<a href="#">14</a>	<a href="#">15</a>	<a href="#">16</a>	<a href="#">17</a>	<a href="#">18</a>	<a href="#">19</a>	<a href="#">20</a>

<b>Chart n°13</b>	<b>Number of stars</b>
	<b>N Lm N Lm N Lm N Lm N Lm N Lm N Lm N Lm</b> 1 3.9 2 4.0 4 4.3 5 4.5 6 5.0 7 5.5 8 5.7 12 5.9 13 6.0 15 6.1 16 6.2 17 6.3 18 6.5 20 6.8 23 6.9 27 7.0
<b>Vertices</b>	
$\beta$ , $\zeta$ Lyrae, $\theta$ , $\nu$ Herculis	

**Triangles** [MALE](#)

<a href="#">1</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">4</a>	<a href="#">5</a>	<a href="#">6</a>	<a href="#">7</a>	<a href="#">8</a>	<a href="#">9</a>	<a href="#">10</a>
<a href="#">11</a>	<a href="#">12</a>	<a href="#">13</a>	<a href="#">14</a>	<a href="#">15</a>	<a href="#">16</a>	<a href="#">17</a>	<a href="#">18</a>	<a href="#">19</a>	<a href="#">20</a>

<b>Chart n°14</b>	<b>Number of stars</b>



N	Lm	N	Lm	N	Lm	N	Lm	N	Lm	N	Lm	N	Lm	N	Lm
1	2.3	2	2.6	3	4.0	4	4.8	6	4.9	7	5.0	8	5.2	11	5.5
12	5.7	13	5.9	14	6.0	15	6.1	16	6.2	18	6.3	20	6.4	24	6.5
28	6.6	32	6.7	34	6.8	36	6.9	41	7.0						

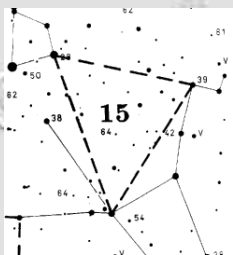
**Vertices**

ε, η, γ Cigni

**Triangles** [MALE](#)

<a href="#">1</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">4</a>	<a href="#">5</a>	<a href="#">6</a>	<a href="#">7</a>	<a href="#">8</a>	<a href="#">9</a>	<a href="#">10</a>
<a href="#">11</a>	<a href="#">12</a>	<a href="#">13</a>	<a href="#">14</a>	<a href="#">15</a>	<a href="#">16</a>	<a href="#">17</a>	<a href="#">18</a>	<a href="#">19</a>	<a href="#">20</a>

**Chart n°15**



**Number of stars**

N	Lm	N	Lm	N	Lm	N	Lm	N	Lm	N	Lm	N	Lm	N	Lm
1	3.0	2	3.4	3	3.9	4	4.9	5	5.1	6	5.5	8	5.8	10	6.0
12	6.1	18	6.3	21	6.4	22	6.6	26	6.7	32	6.9	33	7.0		

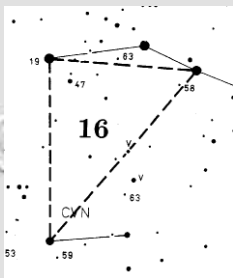
**Vertices**

β Draconis, τ, π Herculis

**Triangles** [MALE](#)

<a href="#">1</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">4</a>	<a href="#">5</a>	<a href="#">6</a>	<a href="#">7</a>	<a href="#">8</a>	<a href="#">9</a>	<a href="#">10</a>
<a href="#">11</a>	<a href="#">12</a>	<a href="#">13</a>	<a href="#">14</a>	<a href="#">15</a>	<a href="#">16</a>	<a href="#">17</a>	<a href="#">18</a>	<a href="#">19</a>	<a href="#">20</a>

**Chart n°16**



**Number of stars**

N	Lm	N	Lm	N	Lm	N	Lm	N	Lm	N	Lm	N	Lm	N	Lm
1	1.7	2	1.9	3	2.9	4	4.6	5	5.1	6	5.7	7	5.9	9	6.0
11	6.2	13	6.3	14	6.4	17	6.6	19	6.8	22	6.9	24	7.0		

**Vertices**

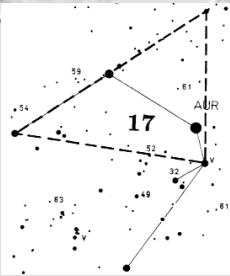
α Canes Venaticorum, ε, η Ursa Majoris

**Triangles** [MALE](#)

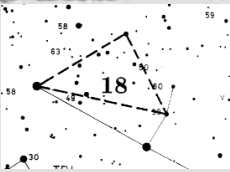
<a href="#">1</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">4</a>	<a href="#">5</a>	<a href="#">6</a>	<a href="#">7</a>	<a href="#">8</a>	<a href="#">9</a>	<a href="#">10</a>
<a href="#">11</a>	<a href="#">12</a>	<a href="#">13</a>	<a href="#">14</a>	<a href="#">15</a>	<a href="#">16</a>	<a href="#">17</a>	<a href="#">18</a>	<a href="#">19</a>	<a href="#">20</a>

**Chart n°17**

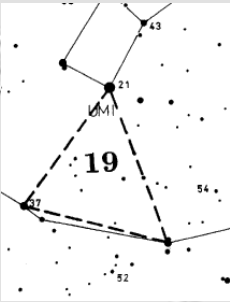
**Number of stars**

	<b>N Lm N Lm N Lm N Lm N Lm N Lm N Lm N Lm</b> 1 0.2 2 2.1 3 2.7 4 3.5 5 3.9 6 4.2 8 4.6 9 5.1 10 5.5 11 5.9 12 6.0 14 6.1 16 6.2 17 6.3 20 6.4 26 6.5 30 6.6 35 6.7 37 6.8 41 6.9 44 7.0
	<b>Vertices</b> ε, θ, δ Aurigae

Triangles <a href="#">MALE</a>									
<a href="#">1</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">4</a>	<a href="#">5</a>	<a href="#">6</a>	<a href="#">7</a>	<a href="#">8</a>	<a href="#">9</a>	<a href="#">10</a>
<a href="#">11</a>	<a href="#">12</a>	<a href="#">13</a>	<a href="#">14</a>	<a href="#">15</a>	<a href="#">16</a>	<a href="#">17</a>	<a href="#">18</a>	<a href="#">19</a>	<a href="#">20</a>

<b>Chart n°18</b> 	<b>Number of stars</b> <b>N Lm N Lm N Lm N Lm N Lm N Lm N Lm N Lm</b> 1 2.3 2 3.9 3 4.2 4 4.3 6 5.0 7 5.1 9 5.2 10 5.5 11 5.7 12 5.9 13 6.1 14 6.3 17 6.4 18 6.5 24 6.6 27 6.7 31 6.9 33 7.0
<b>Vertices</b> μ, γ, φ Andromedae	

Triangles <a href="#">MALE</a>									
<a href="#">1</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">4</a>	<a href="#">5</a>	<a href="#">6</a>	<a href="#">7</a>	<a href="#">8</a>	<a href="#">9</a>	<a href="#">10</a>
<a href="#">11</a>	<a href="#">12</a>	<a href="#">13</a>	<a href="#">14</a>	<a href="#">15</a>	<a href="#">16</a>	<a href="#">17</a>	<a href="#">18</a>	<a href="#">19</a>	<a href="#">20</a>

<b>Chart n°19</b> 	<b>Number of stars</b> <b>N Lm N Lm N Lm N Lm N Lm N Lm N Lm N Lm</b> 1 2.2 2 3.6 3 3.9 4 5.2 5 5.4 6 5.7 8 6.1 11 6.4 12 6.6 14 6.7 15 6.8 16 7.0
<b>Vertices</b> κ, β, γ Camelopardalis	

Triangles <a href="#">MALE</a>									
<a href="#">1</a>	<a href="#">2</a>	<a href="#">3</a>	<a href="#">4</a>	<a href="#">5</a>	<a href="#">6</a>	<a href="#">7</a>	<a href="#">8</a>	<a href="#">9</a>	<a href="#">10</a>
<a href="#">11</a>	<a href="#">12</a>	<a href="#">13</a>	<a href="#">14</a>	<a href="#">15</a>	<a href="#">16</a>	<a href="#">17</a>	<a href="#">18</a>	<a href="#">19</a>	<a href="#">20</a>

<b>Chart n°20</b>	<b>Number of stars</b>
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N	Lm	N	Lm	N	Lm	N	Lm	N	Lm	N	Lm	N	Lm	N	Lm
1	4.2	2	4.4	4	4.7	5	5.0	6	5.4	7	5.7	9	5.8	10	5.9
13	6.0	15	6.1	16	6.2	18	6.3	23	6.4	28	6.6	33	6.7	37	6.8
45	6.9	50	7.0												

**Vertices**

42,  $\beta$ ,  $\gamma$  Camelopardalis




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