

Star.	Magnitude.		Star.	Magnitude.	
	Vulg.	Phot.		Vulg.	Phot.
ν Scorpii	3.37	3.78	δ Geminorum	3.44	3.85
ι Orionis	3.37	3.78	ρ Orionis	3.45	3.86
γ Lyncis	3.39	3.80	β Cephei	3.45	3.86
ζ Draconis	3.40	3.81	ϑ Ursæ	3.45	3.86
α Aræ	3.40	3.81	ζ Hydræ	3.45	3.86
π Sagittarii	3.40	3.81	γ Hydræ	3.46	3.87
π Herculis	3.41	3.82	β Triang. austr.	3.46	3.87
β Can. min. ?	3.41	3.82	ι Ursæ	3.46	3.87
ζ Tauri	3.42	3.83	η Aurigæ	3.46	3.87
δ Draconis	3.42	3.83	γ Lyræ	3.47	3.88
μ Geminorum	3.42	3.83	η Geminorum	3.48	3.89
γ Bootis	3.43	3.84	γ Cephei	3.48	3.89
ϵ Geminorum	3.43	3.84	κ Ursæ	3.49	3.90
α Muscæ	3.43	3.84	ϵ Cassiopeiæ	3.49	3.90
α Hydri ?	3.44	3.85	ϑ Aquilæ	3.50	3.91
τ Scorpii	3.44	3.85	σ Scorpii	3.50	3.91
δ Herculis	3.44	3.85	τ Argûs	3.50	3.91

“The following short table of the photometric quantities of seventeen stars of the first magnitude (as obtained from the photometric scale of magnitudes) may not be devoid of interest.”

Sirius	4.165	α Orionis	0.489
η Argûs	—	α Eridani	0.444
Canopus	2.041	Aldebaran	0.444
α Centauri	1.000	β Centauri	0.401
Arcturus	0.718	α Crucis	0.391
Rigel	0.661	Antares	0.391
Capella	0.510	α Aquilæ	0.350
α Lyræ	0.510	Spica	0.312
Procyon	0.510		

“The following is the photometric quantity of stars strictly belonging to the 1st, 2d. 6th magnitudes, in which the quantity of the light of α Centauri is regarded as the unit.”

Magnitude on the vulgar scale.	Quantity of light.	Magnitude on the vulgar scale.	Quantity of light.
1.00	0.500	4.00	0.051
2.00	0.172	5.00	0.034
3.00	0.086	6.00	0.024