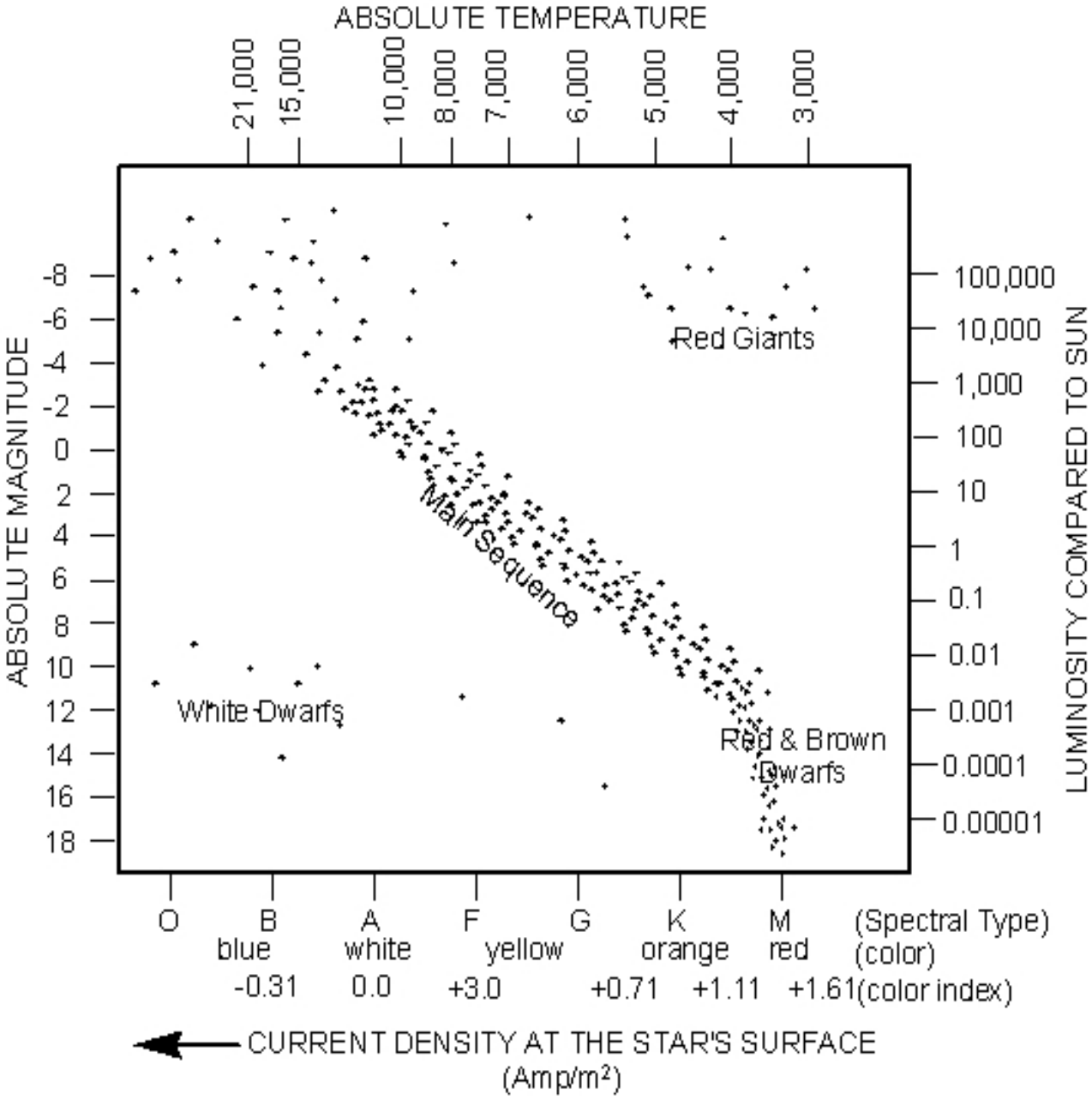
ABSOLUTE TEMPERATURE
21,000
15,000
10,000
8,000
7,000
6,000
5,000
4,000
3,000
ABSOLUTE MAGNITUDE
-8
-6
-4
-2
0
2
4
6
8
10
12
14
16
18
LUMINOSITY COMPARED TO SUN
100,000
10,000
1,000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Red Giants
Main Sequence
White Dwarfs
Red & Brown Dwarfs
O
B
A
F
G
K
M
(Spectral Type)
blue
white
yellow
orange
red
(color)
-0.31
0.0
+3.0
+0.71
+1.11
+1.61
(color index)
CURRENT DENSITY AT THE STAR'S SURFACE
(Amp/m²)