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Erratum to: The Spectral Type of the Ionizing Stars and the Infrared Fluxes of HII Regions

A. P. Topchieva*[1], M. S. Kirsanova[1,2], and A. M. Sobolev***[2]**

[1] *Institute of Astronomy, Russian Academy of Sciences, Moscow, 119017 Russia*

[2] *K.A. Barkhatova Kourovka Astronomical Observatory, B.N. Yeltsin Ural Federal University, Ekaterinburg, 620000 Russia*

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Several errors were found in this paper, which however did not influence its main conclusions. In Table 2 of Section 2, the references for the data in columns (6)–(9) and (10)–(11) were given incorrectly, and incorrect values for $T_{\rm eff}$ were given in column (10). These errors were discovered by the authors in the course of using the data in other studies, and do not make a signficant contributions to the figures, results, or conclusions of this paper. A corrected version of this table with correct references is given below.

Table 2. Distances, sizes, and electron densities of the objects studied. The ordinal number of each object corresponds to the number from Table 1. S is the diameter. The distances D were taken from [1]. The spectral types in columns (6)–(9) correspond to [2], and those in columns (10) and (11) to [3]

No.	S, pc	D, kpc	$n_{\rm e}$, cm^{-3}	$\log Q_{\rm Ly}$, s^{-1} ($\log Q_{\rm min}$, $\log Q_{\rm max}$)	$T_{\rm eff}^{\rm V}$, K	Sp.typ.$^{\rm V}$	$T_{\rm eff}^{\rm III}$, K	Sp.typ.$^{\rm III}$	$T_{\rm eff}^{\rm V*}$, K	Sp.typ.$^{\rm V*}$
2	2.8 ± 2.8	4.3 ± 1.0	255.98	48.44 (47.36, 48.72)	35 049	O9/O9.5	30 999	B0/B0.5	34 370	O8/O9
4	5.1 ± 2.5	5.3 ± 0.5	127.23	48.73 (47.66, 49.01)	37 287	O8.5/O9	32 656	O9.5/B0	37 480	O7/O7.5
7	4.0 ± 2.4	3.2 ± 0.6	6797.51	48.56 (47.52, 48.84)	35 932	O9/O9.5	31 628	O9.5/B0	35 380	O7.5/O8
9	1.3 ± 0.6	12.9 ± 0.5	14.85	48.39 (47.18, 48.68)	34 678	O9.5/B0	30 751	B0/B0.5	34 178	O7.5/O8
13	2.8 ± 1.7	3.7 ± 0.6	367.12	48.88 (47.86, 49.16)	38 595	O8/O8.5	33 696	O9/O9.5	38 880	O7/O7.5
34	1.2 ± 0.6	4.6 ± 0.5	474.90	47.98 (46.84, 48.27)	32 943	B0/B0.5	–	–	32 607	O8/O9
25	3.6 ± 2.9	15 ± 0.8	219.12	48.73 (47.59, 49.01)	37 270	O8.5/O9	32 643	O9.5/B0	37 480	O7/O7.5
27	4.3 ± 2.6	14.2 ± 0.6	186.18	48.77 (47.63, 49.05)	37 570	O8.5/O9	32 871	O9.5/B0	37 853	O7/O7.5
28	3.9 ± 1.6	12.2 ± 0.4	123.24	48.27 (47.09, 48.56)	33 977	O9.5/B0	30 160	B0.5	33 718	O7.5/O8
29	2.2 ± 1.1	13.4 ± 0.5	283.27	48.37 (47.22, 48.66)	34 548	O9.5/B0	30 641	B0/B0.5	34 102	O7.5/O8
30	1.3 ± 0.5	4.5 ± 0.4	101.23	47.28 (46.07, 47.57)	–	–	–	–	29 570	B0/B0.5
35	1.9 ± 0.8	10.7 ± 0.4	201.72	47.79 (46.55, 48.08)	–	–	–	–	31 838	O9.5/B0
38	1.3 ± 0.5	10.4 ± 0.4	406.21	48.84 (47.74, 49.12)	38 191	O7.5/O8	–	–	38 507	O7.5/O8
48	2.0 ± 1.0	9.5 ± 0.5	333.97	48.24 (47.08, 48.53)	31 657	B0/B0.5	29 676	O9.5/B0	33 603	O7.5/O8
51	3.1 ± 1.9	9.2 ± 0.6	236.20	48.56 (47.42, 48.84)	35 882	O9/O9.5	31 585	O9.5/B0	35 380	O7.5/O8
54	1.3 ± 0.7	9.7 ± 0.5	291.90	47.66 (46.40, 47.95)	–	–	–	–	31292	O9.5/B0

*E-mail: ATopchieva@inasan.ru
**E-mail: kirsanova@inasan.ru
***E-mail: Andrej.Sobolev@urfu.ru
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Table 2. (Contd.)

No.	S, pc	D, kpc	n_e, cm^{-3}	$\log Q_{Ly}$, s^{-1} ($\log Q_{min}$, $\log Q_{max}$)	T_{eff}^{V}, K	Sp.typ.^{V}	T_{eff}^{III}, K	Sp.typ.^{III}	T_{eff}^{V*}, K	Sp.typ.^{V*}
56	0.5 ± 0.2	3.4 ± 0.4	708.97	46.95 (45.72, 47.24)	–	–	–	–	27 920	B0.5/B1
57	3.8 ± 1.5	10.3 ± 0.4	199.74	48.54 (47.41, 48.82)	35 740	O9/O9.5	31 464	O9.5/B0	35 120	O7.5/O8
59	4.6 ± 2.3	5.5 ± 0.5	184.85	48.76 (47.72, 49.04)	37 539	O8/O8.5	32 828	O9.5/B0	37 760	O7.5/O8
62	1.6 ± 1.0	8.9 ± 0.6	597.45	48.62 (47.49, 48.90)	36 351	O8.5/O9	31 944	O9.5/B0	36 160	O7/O7.5
64	1.4 ± 1.3	7.3 ± 0.9	363.17	47.94 (46.75, 48.23)	33 128	B0/B0.5	–	–	32 453	O8/O9
65	1.0 ± 0.9	6.2 ± 0.9	786.50	48.10 (46.92, 48.39)	32 336	B0/B0.5	–	–	33 067	O8/O9
65	1.0 ± 0.9	6.2 ± 0.9	786.50	48.10 (46.92, 48.39)	32 336	B0/B0.5	–	–	33 067	O8/O9
68	5.4 ± 4.3	8.5 ± 0.8	95.57	48.38 (47.24, 48.66)	34 634	O9.5/B0	30 714	B0/B0.5	34 140	O8/O9
69	4.2 ± 2.5	13.2 ± 0.6	73.67	48.00 (46.73, 48.29)	32 834	B0/B0.5	–	–	32 683	O8/O9
71	3.4 ± 2.7	10.8 ± 0.8	145.42	48.28 (47.10, 48.57)	34 021	O9.5/B0	30 195	B0/B0.5	33 757	O8/O9
72	4.7 ± 2.4	11.8 ± 0.5	175.81	48.59 (47.42, 48.88)	36 129	O9/O9.5	31 795	O9.5/B0	35 770	O7.5/O8
73	1.2 ± 0.5	10.6 ± 0.4	607.34	48.09 (46.89, 48.38)	32 416	B0/B0.5	–	–	33 028	O8/O9
74	5.1 ± 2.6	10.1 ± 0.5	102.72	48.52 (47.40, 48.80)	35 615	O9/O9.5	31358	O9.5/B0	34 860	O7.5/O8
75	2.7 ± 1.3	11.0 ± 0.5	119.97	47.90 (46.66, 48.19)	33 350	B0/B0.5	–	–	32 300	O8/O9
76	2.7 ± 1.4	10.8 ± 0.5	266.81	48.49 (47.36, 48.77)	35 388	O9/O9.5	31 234	B0/B0.5	34 562	O8/O9
78	3.4 ± 1.7	10.1 ± 0.5	348.55	48.68 (47.62, 48.96)	36 865	O8.5/O9	32 335	O9.5/B0	36 940	O8/O9
79	1.6 ± 0.9	11.5 ± 0.6	676.56	48.38 (47.20, 48.67)	34 623	O9.5/B0	30 704	B0/B0.5	34 140	O8/O9
80	6.2 ± 3.1	9.2 ± 0.5	59.35	48.20 (47.03, 48.49)	33 574	O9.5/B0	–	–	33 450	O8/O9
82	0.4 ± 0.2	4.2 ± 0.6	895.04	47.13 (45.89, 47.42)	–	–	–	–	28 783	B0/B0.5
83	1.0 ± 0.7	1.3 ± 0.7	263.36	47.13 (46.11, 47.41)	–	–	–	–	28 783	B0/B0.5
85	1.4 ± 7.2	1.3 ± 0.6	79.53	48.75 (47.61, 49.04)	37 442	O8/O8.5	32 760	O9.5/B0	37 667	O7.5/O8
86	4.4 ± 0.4	6.1 ± 0.1	52.19	47.65 (46.49, 47.94)	–	–	–	–	31250	O9.5/B0
87	5.9 ± 0.6	6.1 ± 0.1	53.62	48.27 (47.17, 48.55)	33 968	O9.5/B0	30 160	B0.5	33 718	O8/O9
88	1.0 ± 2.2	6.0 ± 2.2	537.61	47.69 (46.54, 47.98)	–	–	–	–	31 418	O9.5/B0
89	3.9 ± 4.3	16.2 ± 1.1	157.46	48.62 (47.44, 48.91)	36 381	O8.5/O9	31967	O9.5/B0	36 160	O8/O9
90	5.5 ± 5.5	5.8 ± 1.0	52.62	48.05 (46.93, 48.33)	32 580	B0/B0.5	–	–	32 875	O8/O9
91	3.5 ± 2.4	10.2 ± 0.7	146.99	48.36 (47.20, 48.65)	34 484	O9.5/B0	30 587	B0/B0.5	34 063	O8/O9

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