

Exploring the stellar properties of M dwarfs with high-resolution spectroscopy from the optical to the near-infrared (Corrigendum)

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A&A, 620, A180 (2018), <https://doi.org/10.1051/0004-6361/201833500>

Key words. stars: fundamental parameters – stars: low-mass – stars: atmospheres – errata, addenda

References to the figures in the text are not correct. The corrected figure references along with the respective texts of the original paper are as follows:

– Caption of Fig. 5: References to right and left panels are inverted. The corrected figure caption is:

Left panel: comparison of T_{eff} versus spectral type relation as a function of metallicity from this study with Passegger et al. (2018; open triangle) and with Rajpurohit et al. (2013; open circle). *Right panel:* comparison of T_{eff} determined from this study with Passegger et al. (2018; open triangle) and with Gaidos & Mann (2014; filled square) as function of metallicity.

– Corrected text (page 5, right column): In order to explore the effect of stellar properties of M dwarfs, we have compared our results with the behavior of T_{eff} , as a function of spectral type with Rajpurohit et al. (2013) as shown in Fig. 5 (left panel).

– Corrected text (page 5, right column): In order to explore further, we compared T_{eff} determination with Gaidos & Mann (2014; hereafter G14) along with Passegger et al. (2018), for the common stars in our sample as shown in Fig 5 (right panel).

– Corrected text (page 6, left column): Passegger et al. (2018) compare the observed spectra with the synthetic spectra computed using the PHOENIX-ACES models, which are based on the PHOENIX version by Husser et al. (2013), and the equation of state by Barman et al. (2001), as shown in Fig 5 (right panel).

– Corrected text (page 6, right column): Figure 6 (left panel) shows the comparison of $\log g$ with Passegger et al. (2018) indicating difference of around 0.2 to 0.6 dex with our values.

– Corrected text (page 7, left column): Figure 6 (right panel) shows the comparison of the [M/H] derived in this study with Passegger et al. (2018) and G14, indicating difference of around 0.2 to 0.4 dex with our values.

References

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