



# Erratum: “Chemical Abundances of New Member Stars in the Tucana II Dwarf Galaxy” (2018, ApJ, 857, 74)

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The coordinates for TucII-078 in Table 1 and the location of TucII-078 in the right panel of Figure 2 were incorrect. The correct coordinates for TucII-078 are now listed in Table 1 and the correct location of the star is shown in the right panel of Figure 2. There were no other references to the coordinates of this star in the text.

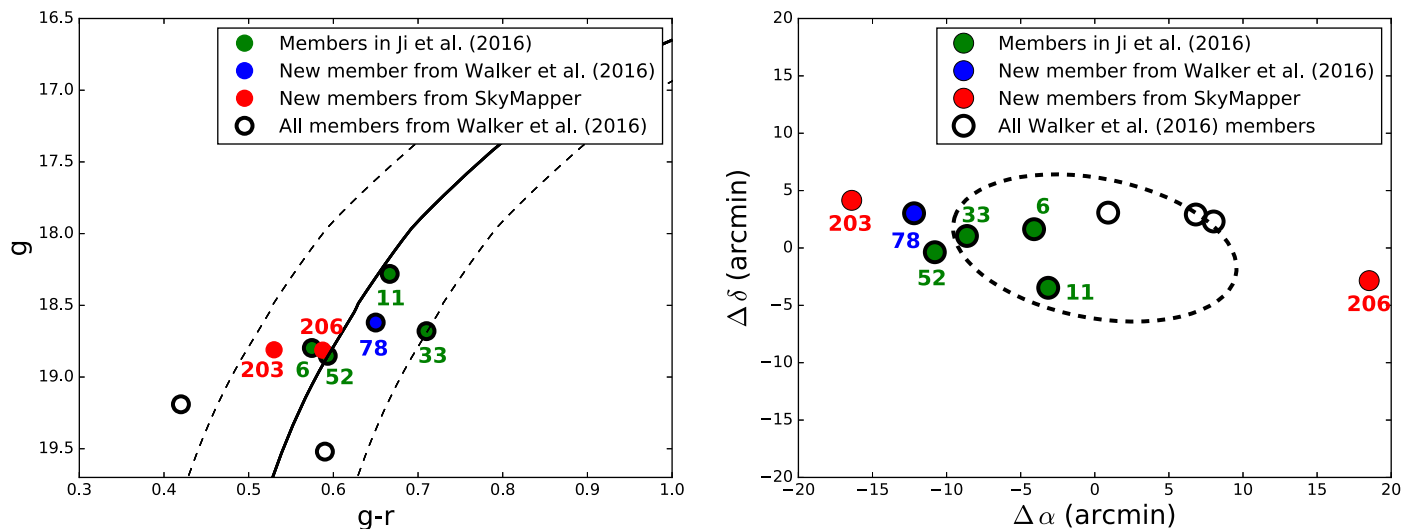


**Figure 2.** Left: color–magnitude diagram of Tuc II stars from this study. A Dartmouth isochrone (Dotter et al. 2008) with an age of 12.5 Gyr, distance modulus of 18.8, and a metallicity of  $[\text{Fe}/\text{H}] = -2.5$  is overplotted in black along with offsets of  $(g-r) \pm 0.1$  in dashed lines to guide the eye. We denote with different colors the four members previously observed by Ji et al. (2016), one member selected from Walker et al. (2016), and two selected from our SkyMapper photometry. Open circles indicate confirmed members in Walker et al. (2016) with no high-resolution spectroscopic observations. Right: spatial distribution of Tuc II members centered on the coordinates of Tucana II. The elliptical half-light radius from Koposov et al. (2015) is overplotted. In both plots, each star is labeled by its identifier as found Table 1.

**Table 1**  
Observations

| Name      | R.A. (h:m:s) (J2000) | Decl. (d:m:s) (J2000) | Slit Size | $g$ (mag) | $t_{\text{exp}}$ (minutes) | S/N <sup>a</sup> | $v_{\text{helio}}$ (km s <sup>−1</sup> ) |
|-----------|----------------------|-----------------------|-----------|-----------|----------------------------|------------------|------------------------------------------|
| TucII-006 | 22:51:43.06          | −58:32:33.7           | 1″0       | 18.78     | 206 <sup>b</sup>           | 15, 30           | −126.1                                   |
| TucII-011 | 22:51:50.28          | −58:37:40.2           | 1″0       | 18.27     | 314 <sup>b</sup>           | 15, 30           | −124.6                                   |
| TucII-033 | 22:51:08.32          | −58:33:08.1           | 1″0       | 18.68     | 155 <sup>b</sup>           | 17, 32           | −126.9                                   |
| TucII-052 | 22:50:51.63          | −58:34:32.5           | 1″0       | 18.83     | 155 <sup>b</sup>           | 17, 35           | −119.9                                   |
| TucII-078 | 22:50:41.07          | −58:31:08.3           | 1″0       | 18.62     | 215                        | 15, 30           | −123.8                                   |
| TucII-203 | 22:50:08.87          | −58:29:59.1           | 1″0       | 18.81     | 275                        | 16, 37           | −126.1                                   |
| TucII-206 | 22:54:36.67          | −58:36:57.9           | 1″0       | 18.81     | 385                        | 15, 37           | −122.9                                   |

## Notes.

<sup>a</sup> S/N per pixel is listed for 4500 and 6500 Å.

<sup>b</sup> Combined exposure time from Ji et al. (2016) and this work.

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**References**

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