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Erratum: The SLUGGS Survey: the globular cluster systems of three early-type galaxies using wide-field imaging

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Key words: galaxies: elliptical and lenticular, cD – galaxies: individual: NGC 720 – galaxies: individual: NGC 1023 – galaxies: individual: NGC 2768 – galaxies: star clusters: general.

The paper ‘The SLUGGS survey: the globular cluster systems of three early-type galaxies using wide-field imaging’ was published in Monthly Notices of the Royal Astronomical Society, 437, 273 – 292 (2014). In generating the Table 7 of this publication, we unintentionally wrote incorrect values for the total number of globular clusters (N_{GC}) for NGC 720, NGC 1023, NGC 2768 and NGC 4278. Here, we give the correct values of N_{GC} for NGC 720, NGC 1023 and NGC 2768 as 1489 ± 96 , 548 ± 59 and 744 ± 68 , respectively. Note here that the values were given correctly in main text (Sections 3.7 and 5). We also update the N_{GC} value for NGC 4278, published in Usher et al. (2013), as 1378 ± 113 .

Additionally, the ratio of blue to red GCs (N_{BGC}/N_{RGC}) for NGC 720 and NGC 2768 given in Table 7 are also incorrect. The correct values for NGC 720 and NGC 2768 are 1.78 and 1.86, respectively. Similarly, the correct value for the ratio of blue to red GCs in NGC 4278 is 2.03. The new positions of NGC 720, NGC 2768 and NGC 4278 in fig. 21 of Kartha et al. (2014) are shifted slightly, but the results remain the same. The updated values for N_{BGC}/N_{RGC} are given here in Fig. 1. The conclusions of our paper remain unchanged.

REFERENCES

- Kartha S. S., Forbes D. A., Spitler L. R., Romanowsky A. J., Arnold J. A., Brodie J. P., 2014, MNRAS, 437, 273
Usher C., Forbes D. A., Spitler L. R., Brodie J. P., Romanowsky A. J., Strader J., Woodley K. A., 2013, MNRAS, 436, 1172

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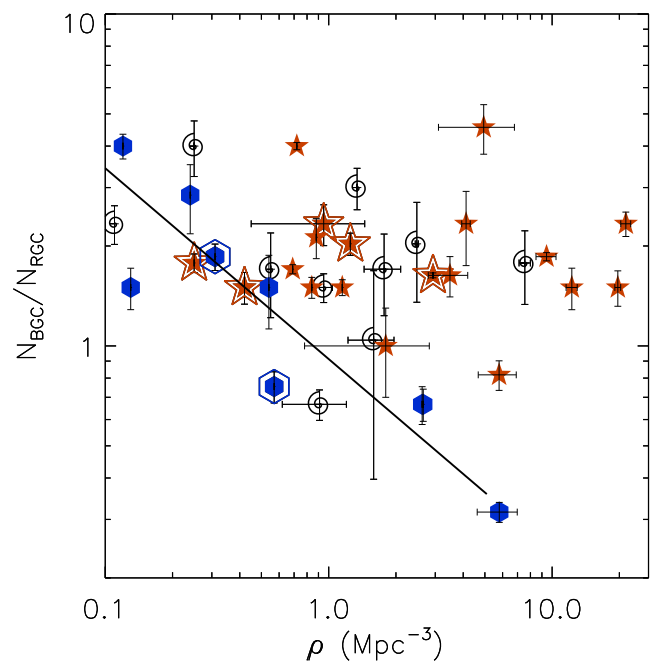


Figure 1. Ratio of blue to red GCs versus density of environment. Spirals, lenticular galaxies and elliptical galaxies are represented by spirals, hexagons and stars, respectively. The double symbol points are the galaxies from SLUGGS survey and others from the literature. The coordinates for NGC 720, NGC 2768 and NGC 4278 are (0.25, 1.78), (0.31, 1.86) and (1.25, 2.03), respectively.

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