

Re: What's your thinking on this?

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- *From:* Chris L Peterson <[clp@xxxxxxxxxxxxxxxxxxxxxx](mailto:clp@xxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Thu, 21 Dec 2006 15:34:11 GMT
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On 21 Dec 2006 06:53:09 -0800, "AustinMN" <[tacooper260@xxxxxxxxxxxxx](mailto:tacooper260@xxxxxxxxxxxxx)> wrote:

I don't recall whether it was M15 or another, but there are globulars where visually one could almost see through the core. I've never seen a photograph that could do that.

As long as you keep in mind that you are seeing an illusion created by your brain, and not your eyes. Optically, you don't have the resolution to detect individual stars near the core, nor to see through the cluster. And the reason that the stars appear the same size is because of the low sensitivity of your eyes and the fact that most stars in the cluster are of similar brightness. With careful observation of brighter clusters, you should see brighter stars have larger apparent diameters (although you may need a fairly large aperture to see this).

The image exceeds your visual view in terms of both resolution and depth. So this comes down to simple aesthetics; some people prefer the view through the eyepiece, some prefer the image. Neither is right or wrong, of course (although there is no doubt that the information content of the image is vastly greater).

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