Owl Nebula

Quick Facts: Distance: 2,000 Light-years.
Size: 1 Light-year.
Constellation: Ursa Major.
A planetary nebula (a legacy term for a shell-shaped cloud of gas), it's close to Merak in the Big Dipper. Messier 97.
Find it: Sweep just over 2 degrees east of the star and just a bit south to find a ball with two dark spots on it (owl-like face). GOTO: M (MESSIER).

Image by Fryns, Quick reference card by Derek Wallentinsen.