

SKY AND TELESCOPE

CONTENIDO

VOLUME 120 No. 4 OCTOBER 2010

FACTURES

- 22 **NASA's New Airborne Observatory.**
Flown on a Boeing 747, SOFIA will carry infrared astronomy to new heights.
Luke Keller and Jürgen Wolf.

- 30 **COVER STORY**
The Hunt for Super-Earths.
Astronomers are finding and studying worlds just a little larger than ours.
Sara Seager.

- 60 **Asteroid Maven.**
An award-winning amateur astronomer experiences the joy of discovery by helping to reveal some of the asteroid belt's best-kept secrets.
Roberts Stephens.

- 72 **Beneath the Shroud of Venus.**
With careful planning, amateurs can map the surface of our nearest neighbor.
Daniele Gasparri.

THIS MONTH'S SKY

- 42 **Northern Hemisphere's Sky.**
Fred Schaaf.

- 43 **October's Sky at a Glance.**

- 45 **Binocular-Highlight.**
Gary Seronik.

- 46 **Planetary Almanac.**

- 48 **Sun, Moon, and Planets.**
Fred Schaaf.

- 51 **Exploring the Moon.**
Charles A. Wood.

- 56 **Celestial Calendar.**
Alan MacRobert.

66 **Deep-Sky Wonders.**
Sue French.

S&T TEST REPORT

38 **Megapixel Imaging for Less:
SBIG's ST-8300 M
CCD Camera**
Don't be fooled by the price; this camera is built for serious deep – sky
imaging.
Dennis di Cicco.

40 **Quick Look:
William Optics FLT-98 Apo Refractor.**
Dennis di Cicco

ALSO IN THE ISSUE

6 **Epectrum**
Robert Naeye.

8 **Letters**

10 **75, 50 & 25 Yers Ago.**
Leif J. Robinson.

14 **News Notes**

54 **New Product Showcase.**

70 **Telescope Workshop**
Gary Seronik.

76 **Gallery.**

86 **Focal Point**
Michael Baruzzini.