contents / table des matières

Feature Articles / Articles de fond

57 Lemaître’s Limit
   by Ian Steer

63 Two Astronomers and the Space Race
   by Chris Gainor

65 Moon Loops and Dumbbells—The Most Curious Moon of All
   by Richard J. Legault

70 A Chance to Recreate a Historic Telescopic Observation
   by Clark Muir

72 Rectifying a 227-Year-Old Error: Stellar-remnant Nebulae
   by Michael Harwood

76 Peter Millman and the Revitalization of the Meteoritical Society
   by Howard Plotkin

Columns / Rubriques

82 Second Light: A New Way to Measure Black-hole Masses
   by Leslie J. Sage

83 Cosmic Contemplations: The Untold Secrets of Making Your Own Monochrome DSLR
   by Jim Chung

87 Through My Eyepiece: Music of the Spheres
   by Geoff Gaherty

89 Rising Stars: Nutwood Observatory: Where the Elk, Wild Birds, and Astronomers Roam
   by John Crossen

90 Astronomical Art and Artifact: The Prehistory of the Society’s Seal
   by R.A. Rosenfeld

Departments / Départements

54 News Notes/En manchettes
   compiled by Andrew Oakes
   - Radio telescope to rise in British Columbia
   - Increasing number of planetary candidates discovered
   - Comets had no role in wipeout of prehistoric humans
   - Scientific cross-field collaborations show results and point to more questions
   - Top-ten science highlights from Cassini for 2012
   - Astronomers discover large asteroid belt around Vega

69 Great Images: Lunar Crater Janssen
   by Mike Wirths

74 Pen & Pixel
   M94 / NGC 891 / Jupiter and Ganymede / Helix Nebula
   by Kerry-Ann Lecky Hepburn / Andre Paquette / David Jenkins / Dalton Wilson

95 The 2013 General Assembly of the RASC

96 Astrocryptic Answers
   by Curt Nason

96 Society News
   by James Edgar

96 It’s Not All Sirius—Cartoon
   by Ted Dunphy

Front cover — Seven nights of imaging gave Howard Trottier this beautiful image of the reflection nebula NGC 7129 and the open cluster NGC 7142. Howard describes the pair, respectively, as the “King’s Crown” and the “Crown Jewels.” Exposure, in LRGB, totalled 12½ hours using a PlaneWave CDK17 telescope and an Apogee U16M camera.