

■ **authors**

Aguirre, Edwin L., Community News: A New Comet Levy, 1:120
 Star Gazer Turns 30, 2:94
 Robert Evans: Supernova Champ, 1:116
 South American Ring Eclipse, A, 1:95
Aranda, Ted, RC or Not RC: That Is the Question, 3:14
Beatty, J. Kelly, book review: Russian Planetary Exploration, by Brian Harvey, 6:72
 Does the Moon experience annual meteor showers? 2:102
Beatty, J. Kelly, and *Greg Bryant*, McNaught's Passing Fancy, 5:32
Becker, Kate, Globular Cluster News, 5:18
 Old Star Unleashes Monster Flare, 2:22
 Rejuvenating Ancient Stars, 1:24
Berger, David H., *Jason P. Aufdenberg*, and *Nils H. Turner*, Resolving the Faces of Stars, 2:40
Bjornstad, David M., More Pleas for Pluto, 1:12
Blom, Jorgen, Phase the Facts, 6:12
Bonandrini, Dave, Tips for Shipping Equipment Safely, 2:97
Bonnell, Jerry T., book review: Year in the Life of the Universe, A, by Robert Gendler, 5:82
Branscome, Chris, Godless Cosmology, 3:12
Brescia, Keith, More Pleas for Pluto, 1:12
Bryant, Greg, Clustered Along the Milky Way, 4:55
 Constellations Big and Small, 6:47
 Hopping Around the Hare, 2:55
 Our Nearest Stellar Neighbors, 5:47
 Sirius Blazes Forth, 3:47
 The River of the Night, 1:63
 Vesta Shines Its Brightest in 18 Years, 6:57
Bryant, Greg, and *Alan M. MacRobert*, Seeking the Origins of Cosmic Rays, 5:16
Campbell, Lyle, Lookin' Good, 4:12
Cassidy, Susan, Arthritis and the Sleepy Amateur, 4:12
Chaikin, Andrew, Global Surveyor's Last Hurrah, 4:38
Cobb, Brian, Phase the Facts, 6:12
Coffey, Valerie C., Hubble Confirms a Cosmic Jerk, 3:20
 Hubble Sees Dark Cloud on Uranus, 1:20
 Little Red Spot Winds Strengthen, 2:16
Comeron, Fernando, and *Anna Pasquali*, Very Special Star, A, 1:14
Croswell, Ken, Blue Witch, The, 4:26
Cull, Selby, Martian Photo Opportunity, 1:30
 Reverse Panspermia: Seeding Life in the Solar System, 1:34
Cull, Selby, and *David Tytell*, How Pure Are Comets? 1:22
Curley, Donald, RC or Not RC: That Is the Question, 3:14
Currin, Brenda, Found in the Phases of the Moon, 3:110
Dalrymple, Les, Beta Pictoris Plus, 1:61
 Bundle of Wonders in Puppis, A, 3:72
 Coalsack Nebula, The, 6:45
 Gem of a Cluster, A, 5:45
 RC or Not RC: That Is the Question, 3:14
 The Pi Puppis Cluster, 2:53
 Underappreciated NGC 3201, 4:53
 Vela Binocular Duo, A, 3:45
di Cicco, Dennis, Apogee's Alta U9000 CCD Camera, 6:64
 Is it better to get a wedge or a field de-rotator for CCD imaging? 3:92
 Whatever became of comet photographer Alan McClure? 5:86
 Where can one find a 0.965-inch-diameter eyepiece for a Tasco telescope? 4:86

Why do Schmidt-Cassegrain telescopes have focal ratios of f/10? 1:126
 Will using Adobe Photoshop call into question the authenticity of composite images? 6:88
Dunham, David W., Great Asteroid Occultation, A, 1:80
 Lunar Occultation Highlights for 2007, 1:75
 Upcoming Asteroid Occultations, 2:64
Durusau, Patrick, RC or Not RC: That Is the Question, 3:14
Duvieusart, Jerome, Phase the Facts, 6:12
Dyer, Alan, Megrez 90 Apo: First-Class Glass, 5:75
 Starry Night BlueStar Telescope Adapter, The, 3:76
Echols, Patton, Planet Madness, 2:12
Fienberg, Richard Tresch, Around the World with S&T, 5:8
 Hubble Gets a New Lease on Life, 2:15
 book review: Last of the Great Observatories, The, by George H. Rieke, 2:84
 Lost in Translation, 3:8
 Moving Experience, A, 2:8
 Other Side of the Story, The, 4:8
 Our Golden Opportunity, 6:8
 What Would George and Henri Do? 1:8
 When was the last time a professional astronomer actually looked into an eyepiece at an observatory such as Palomar? 1:126
Flanders, Tony, Doesn't Earth's motion interfere with measuring stellar radial velocities? 2:102
 book review: Human Vision and the Night Sky, by Michael P. Borgia, 2:85
 book review: Urban Astronomer's Guide, The, by Rod Mollise, 2:85
 Foldout Star Chart, The, 5:70
 Tiny Planet Crosses Huge Star, 3:70
Fraknoi, Andrew, Astronomy in Popular Culture, 6:102
French, Sue, Bark with the Overdog, 3:66
 Chasing the Starry Cetus, 1:87
 Hazy Gleams and Starry Streams, 2:73
 Lion's Lair, The, 4:69
 V Is for Virgo, 5:65
 Where Virgo Walks, 6:61
Frey, Steve, More Pleas for Pluto, 1:12
Garlick, Mark A., Supernova Menace, The, 3:26
Gay, Pamela L., book review: Amateur Astronomer's Introduction to the Celestial Sphere, The, by William Millar, 4:78
 book review: Brave New Universe, by Paul Halpern and Paul Wesson, 6:70
 book review: Dark Cosmos, by Dan Hooper, 6:70
 book review: In Search of Dark Matter, by Ken Freeman and Geoff McNamara, 6:70
 book review: Walking Zero, by Chet Raymo, 1:111
Genovese, Charles, Cold Comfort, 5:12
Goldman, Stuart J., book review: 300 Astronomical Objects, by Jamie Wilkins and Robert Dunn, 3:86
 book review: Binocular Highlights, by Gary Seronik, 6:72
 book review: Deep Space, by Stephen Whitfield, 5:83
 book review: Five Millennium Canon of Solar Eclipses, by Fred Espenak and Jean Meeus, 6:72
 book review: Hubble Space Telescope, by Steve Whitfield, 5:83
 book review: Hubble: 15 Years of Discovery, by Lars Lindberg and Bob Fosbury, 1:112
 book review: Mars, by Robert Godwin, 5:83

book review: Meteors and Meteorites, by Martin Beech, 4:81
 book review: Meteors Showers and Their Parent Comets, by Peter Jenniskens, 4:81
 book review: NightWatch, by Terence Dickinson, 1:112
 book review: Parks After Dark, by Rick Shafer, 3:86
 book review: Patterns in the Sky, by Ken Hewitt-White, 5:83
 book review: Real Astronomy with Small Telescopes, by Michael K. Gainer, 5:83
 book review: Saturn: A New View, by Lovett, Horvath, and Cuzzi, 1:112
 book review: The Illustrated Timeline of the Universe, by Richard Sanderson and Philip Harrington, 4:81
 book review: The Little Moon Phase Book, by Noreen Grice, 1:112
 book review: The Sun, by Steele Hill and Michael Carlowicz, 4:81
 High-Definition Living, 4:82
 Personal Celestial Alerts, 2:88
 Visit to a Namesake, 1:114
 World of Widgets, The, 6:74
Gordon, Rodger W., RC or Not RC: That Is the Question, 3:12
Graham, Donald M., Godless Cosmology Explained, 6:12
Gross, Karl F., Godless Cosmology Explained, 6:14
Haberman, Joe, RC or Not RC: That Is the Question, 3:12
Hanner, Gerald, The Sound of Silence, 2:12
Hooper, Dan, Particle Physicist's Perspective on Dark Matter, A, 4:35
Horvitz, Richard, Young (Astronomers) at Heart, 6:12
Kilgore, Chuck, More Than One Everything? 3:12
Krupp, E. C., Designated Driver, 5:39
 Heavenly Reward, 1:55
 Minor League, 3:39
 Preparation for Landing, 2:47
 Private Astronomy, 4:47
 Public Astronomy, 6:39
Laughlin, Gregory P., From Here to Eternity: The Fate of the Sun and the Earth, 6:32
Levy, David H., My Yom Kippur Comet, 3:88
 Old Telescopes Should Never Die, 2:91
 On the Shoulders of a Giant, 1:123
 Our Memorable Mercury Transit, 5:84
 Sharing the Sky, 4:84
 Under Adirondack Skies, 6:76
MacRobert, Alan M., Astronomers Unearth a Cataclysmic Corpse, 5:16
 Big Bright Galaxy You've Never Seen, The, 6:17
 Chased by the Little Dog, 2:67
 Clash of the Photons, 5:20
 Crescent Moon Occults Regulus, The, 6:56
 Dwarf Spheroidals: Mystery Solved? 5:15
 Fire on Orion's Club, A, 1:78
 Hot News on Cool Dwarfs, 1:24
 How would the Milky Way Galaxy look from a planet in the Large Magellanic Cloud? 4:86
 If the Ancients Had Known . . . , 6:58
 Linger questions about the International Astronomical Union's new planet definition, 1:126
 Lives of Open Clusters, The, 3:75
 Living with a Red Dwarf, 3:20

A searchable index to all issues of *Sky & Telescope* is available on our Web site at SkyTonight.com/magazinearchive

Lyrid Meteors, The, 4:67
 March's Twilight Lunar Eclipse, 3:60
 Mira in the Sunset, 3:64
 Moons of Saturn and Jupiter, The, 3:51
 Porrima's Grand Opening, 5:60
 Solar System's Wreckage in the Helix's Heart, A, 5:18
 The Warring Pulses of V Boötis, 5:62
 Transit of Luna, 6:22
 Two Dark-Side Occultations of Regulus, 4:66
 Widening Monoceros Light Echo, The, 2:24
McDowell, Jonathan, COROT, 4:24
 Hinode, 2:26
 Hubble Space Telescope, 1:28
 Hubble's Main Camera Dies, 5:22
 Mars Global Surveyor, 3:24
 Mars Reconnaissance Orbiter, 6:24
 Planck, 1:28
 Stereo, 2:26
 THEMIS, 6:24
Meeus, Jean, Sun Guilty in Global Warming, 5:12
Miller, Charlie, More Pleas for Pluto, 1:12
Montani, Joseph L., Conservative Claims, 2:12
Morris, L. Robert, Phase the Facts, 6:12
Mullaney, James, My Favorite Double Stars of Spring, 5:69
Naeye, Robert, A Planet that Runs Hot and Cold, 1:17
 Bucking the Metallicity Trend, 2:24
 Creative Side of Supernovae, The, 3:29
 Deep Survey Yields First Results, 4:16
 Doubt Cast on Lunar Ice, 2:18
 First Triple Quasar, The, 4:18
 Flowing Water on Today's Mars? 3:17
 Follow That Story: A Dry Enceladus? 4:22
 Follow That Story: Kuiper Belt Counts, 4:22
 Follow That Story: Mars Underground, 4:22
 Follow That Story: Surplus of Stardust Results, 4:22
 Good Times, Bad Times for Astronomy, 2:14
 How far apart are the icy particles comprising Saturn's main rings? 5:86
 How is it possible for us to see a 2,000-year-old supernova that is 10,000 light-years away? 3:92
 Kepler Saw a White Dwarf Explode, 4:15
 Looking Through a Gas Onion, 2:20
 M87 Black Hole Blasts the Virgo Cluster, 1:26
 Magnetically Lit Brown Dwarf, A, 5:15
 Milky Way Black Hole Has a Snack, 4:20
 Millennium Ahead of Its Time, A, 3:16
 Moon Shows Signs of Life, 3:18
 Nearby Superbubble, A, 3:22
 Nearby-Star News, 4:18
 No Cosmic Neutrinos Found . . . Yet, 5:16
 Orion Binary Makes No Sense, 4:20
 Plethora of Puffy Planets, 2:22
 Superduper Supernova, 4:14
 Supernova Impostor, 1:18
 Titan's Sierras, 4:16
 Update on Massive Black Holes, 5:20
 Yerkes' Fate: Again Unknown, 6:22
Olson, Donald W., *Russell L. Doescher*, and *The Mitte Honors Students*, Moonbows over Yosemite, 5:24
O'Meara, Stephen James, Black Aurora, The, 2:70
 Something Nu in Andromeda, 1:83
Parker, Donald C., How to Process Planetary Images, 1:129
Pattillo, Monroe, Bluetooth Blues, 5:12
Petersen, Carolyn Collins, book review: Is Pluto a Planet? by David A. Weintraub, 4:79
Phifer, Arnold, Las Campanas Correction, 1:14
Pijawka, John, Set It Up, and They Will Come, 2:118
Plait, Philip C., Face on Mars, The, 2:28
Pohman Jr., Bill, Confounded Craters, 4:12
Polakis, Jennifer, Renaming the Sky, 5:12
Putney, Margaret, 16 New Transiting Planet Candidates, 1:16
Raitledge, David, Smarter Observing with Deep-Sky Planner 4, 4:72
Robinson, Lief J., 50 & 25 Years Ago, 1:28, 2:26, 4:24, 5:22

75, 50 & 25 Years Ago, 3:24, 6:24
 book review: Robber Baron, by John Franch, 3:86
 book review: Parting the Cosmic Veil, by Kenneth R. Lang, 3:83
 book review: Revolutionaries of the Cosmos, by Ian S. Glass, 1:110
Russell, Pamela J., Life On the Main Sequence, 1:150
Ryan, Jack, Goddess Cosmology Explained, 6:14
Savin, Daniel Wolf, *Benjamin J. McCall*, and *Kate Kirby*, Cosmic Code Breakers, 3:32
Schaaf, Fred, A Star for Three Seasons, 1:58
 Count Light Pollution Out!, 4:42
 Eye and I: Star Colors — I, 1:96
 Eye and I: Star Colors — II, 2:68
 In Praise of Pollux, 3:42
 Layers of Constellations, 4:50
 Light-Pollution Notes: Release from Prison, 3:71
 Long and Short of It, The, 5:42
 Mercury Leaps Up Down Under, 3:48
 Near Sky, The: Twinned Rainbows, 5:73
 New Facts About Old Friends, 6:42
 Planets of Dusk and Dawn, 4:56
 Saturn Rules the Evening Sky, 2:56
 Sirius Celebration, A, 2:50
 Venus and Saturn Adorn the Sky, 1:64
 Venus at Its Height, 5:48
 Watch Saturn March on Venus, 6:48
Schilling, Govert, Andromeda Makes a Splash, 2:20
 Battlefield Galactica: Dark Matter vs. MOND, 4:30
 Exoplanet Atmospheres: Dry, Dusty? 6:18
 Exoplanet-Measuring Feat, An, 6:18
 book review: Finest Atlas of the Heavens, The, by Robert H. van Gent, 6:71
 Historic Supernova Linked to Remnant, 1:26
 Nearest Exoplanet Orbits in a Disk, 1:17
Seronik, Gary, Build a Tracking Platform for Your Camera, 6:80
 Crab Nebula, The, 2:52
 M67: Cancer's Other Cluster, 4:52
 book review: New Atlas of the Moon, by Thierry Legault and Serge Brunier, 3:84
 NGC 2403 in the Wilderness, 3:44
 Treasures in Canes Venatici, 5:44
 Trio of Boötes Duos, A, 6:44
 When a telescope is wet with condensation, should you keep the lens caps on or off while the scope warms up? 6:88
 Wonderful Mira, 1:60
Shaberman, Ben A., Lesson in What We Don't Know, A, 4:102
Shepherd, Debra, Stellar Origins: From the Cold Depths of Space, 6:26
Simmons, Mike, Build Bridges Through the Sky, 5:102
Sinnott, Roger W., Crescent Moons in 2007, 2:65
 Does the Sun's closer proximity to the Earth have any connection to global warming? 5:86
 How can one determine a sunspot's size compared to that of Earth? 4:86
 How do you build a small observatory for a Dobsonian that sits at ground level? 6:88
 Is there a handy astronomical indicator that could identify a point in the near or distant past? 4:86
 What are the best settings to take a scenic picture of a full or crescent Moon? 2:102
 What is the farthest star that one can see without optical aid? 3:92
Stiles, John, RC or Not RC: That Is the Question, 3:14
Tiscareno, Matthew S., Ringworld Revelations, 2:32
Tytell, David, An Ancient Building Block of Life, 3:18
 book review: Postcards from Mars, by Jim Bell, 4:81
 Geysers on Dione Too? 6:20
 Kuiper Belt Family, A, 2:18
 Postcards from Mars and Jupiter, 6:16
 Saturn Ring Takes a Hit, 1:18
 Titan: Assembling the Puzzle, 2:16

Understanding Enceladus, 6:20
 Why Venus Has No Moon, 1:20
 Wouldn't oblique meteorite impacts cause oval craters? 2:102
Vandebergh, Ralf, Tracking Spots on Saturn, 5:59
Vanderbei, Robert J., and *Ruslan Belikov*, Measuring the Astronomical Unit from Your Backyard, 1:91
Vines, Ken, Uranus No Accident, 1:14
Walker, Sean, Comets Enter the Digital Age, 6:84
 STF Mirage 7 Mak, 2:76
 William Optics FLT-132 Apo: When Aperture Matters, 5:77
Wanjek, Christopher, How Black Holes Helped Build the Universe, 1:42
Weissman, Paul R., More Pleas for Pluto, 1:12
Weixelman, Dave, Detecting the Penumbra, 3:62
Wood, Charles A., Concentric Fractures and Craters, 1:71
 Hidden Maria and Dusty Debris, 2:62
 Mystery Maria, 4:63
 Odd Lunar Domes, 3:55
 Pits of Contention, 5:55
 The Moon's Far Side: Nearly a New World, 1:48

■ departments

Amateur Telescope Making —
 Build a Tracking Platform for Your Camera, 6:80
 Tips for Shipping Equipment Safely, 2:97
Astronomy Online —
 High-Definition Living, 4:82
 Personal Celestial Alerts, 2:88
 Visit to a Namesake, 1:114
 World of Widgets, The, 6:74
Astrophotography —
 Comets Enter the Digital Age, 6:84
 How to Process Planetary Images, 1:129
Books & Beyond —
 300 Astronomical Objects, by Jamie Wilkins and Robert Dunn, 3:86
 Amateur Astronomer's Introduction to the Celestial Sphere, The, by William Millar, 4:78
 Binocular Highlights, by Gary Seronik, 6:72
 Brave New Universe, by Paul Halpern and Paul Wesson, 6:70
 Dark Cosmos, Dan Hooper, 6:70
 Deep Space, by Stephen Whitfield, 5:83
 Finest Atlas of the Heavens, The, van Gent, Robert H., 6:71
 Five Millennium Canon of Solar Eclipses, Fred Espenak and Jean Meeus, 6:72
 Hubble Space Telescope, Steve Whitfield, 5:83
 Hubble: 15 Years of Discovery, Lars Lindberg and Bob Fosbury, 1:112
 Human Vision and the Night Sky, Michael P. Borgia, 2:85
 Illustrated Timeline of the Universe, The, Richard Sanderson and Philip Harrington, 4:81
 In Search of Dark Matter, Ken Freeman and Geoff McNamara, 6:70
 Is Pluto a Planet? David A. Weintraub, 4:79
 Last of the Great Observatories, The, George H. Rieke, 2:84
 Little Moon Phase Book, The, Noreen Grice, 1:112
 Mars, Robert Godwin, 5:83
 Meteors and Meteorites, Martin Beech, 4:81
 Meteors Showers and Their Parent Comets, Peter Jenniskens, 4:81
 New Atlas of the Moon, Thierry Legault and Serge Brunier, 3:84
 NightWatch, Terence Dickinson, 1:112
 Parks After Dark, Rick Shaffer, 3:86
 Parting the Cosmic Veil, Kenneth R. Lang, 3:83
 Patterns in the Sky, Ken Hewitt-White, 5:83
 Postcards from Mars, Jim Bell, 4:81
 Real Astronomy with Small Telescopes, Mi-

chael K. Gainer, 5:83
 Revolutionaries of the Cosmos, Ian S. Glass, 1:110
 Robber Baron, John Franch, 3:86
 Russian Planetary Exploration, Brian Harvey, 6:72
 Saturn: A New View, Lovett, Horvath, and Cuzzi, 1:112
 Sun, The, Steele Hill and Michael Carlowicz, 4:81
 Urban Astronomer's Guide, The, Rod Mollise, 2:85
 Walking Zero, Chet Raymo, 1:111
 Year in the Life of the Universe, A, Robert Gendler, 5:82

Celestial Calendar —
 Chased by the Little Dog, 2:67
 Crescent Moon Occults Regulus, The, 6:56
 Crescent Moons in 2007, 2:65
 Detecting the Penumbra, 3:62
 Eye and I: Star Colors — II, 2:68
 Fire on Orion's Club, A, 1:78
 Great Asteroid Occultation, A, 1:80
 If the Ancients Had Known . . . , 6:58
 Lunar Occultation Highlights for 2007, 1:75
 Lyrid Meteors, The, 4:67
 March's Twilight Lunar Eclipse, 3:60
 Mira in the Sunset, 3:64
 Pluto to Occult a Star, 3:64
 Porrhima's Grand Opening, 5:60
 Tracking Spots on Saturn, 5:59
 Two Dark-Side Occultations of Regulus, 4:66
 Upcoming Asteroid Occultations, 2:64
 Vesta Shines Its Brightest in 18 Years, 6:57
 Warring Pulses of V Boötis, The, 5:62

Deep-Sky Wonders —
 Bark with the Overdog, 3:66
 Chasing the Starry Cetus, 1:87
 Hazy Gleams and Starry Streams, 2:73
 Lion's Lair, The, 4:69
 V Is for Virgo, 5:65
 Where Virgo Walks, 6:61

Exploring the Moon —
 Concentric Fractures and Craters, 1:71
 Hidden Maria and Dusty Debris, 2:62
 Mystery Maria, 4:63
 Odd Lunar Domes, 3:55
 Pits of Contention, 5:55

Eye on the Sky —
 Black Aurora, The, 2:70
 Something Nu in Andromeda, 1:83

Feature —
 Battlefield Galactica: Dark Matter vs. MOND, 4:30
 Cosmic Code Breakers, 3:32
 Count Light Pollution Out!, 4:42
 Creative Side of Supernovae, The, 3:29
 From Here to Eternity: The Fate of the Sun and the Earth, 6:32
 Global Surveyor's Last Hurrah, 4:38
 How Black Holes Helped Build the Universe, 1:42
 Martian Photo Opportunity, 1:30
 McNaught's Passing Fancy, 5:32
 Moonbows over Yosemite, 5:24
 Moon's Far Side, The: Nearly a New World, 1:48
 Particle Physicist's Perspective on Dark Matter, A, 4:35
 Resolving the Faces of Stars, 2:40
 Reverse Panspermia: Seeding Life in the Solar System, 1:34
 Ringworld Revelations, 2:32
 Stellar Origins: From the Cold Depths of Space, 6:26
 Supernova Menace, The, 3:26

Focal Point —
 Astronomy in Popular Culture, 6:102
 Build Bridges Through the Sky, 5:102
 Found in the Phases of the Moon, 3:110
 Lesson in What We Don't Know, A, 4:102

Life On the Main Sequence, 1:150
 Set It Up, and They Will Come, 2:118
Gallery, 1:134, 2:104, 3:94, 4:88, 5:88, 6:90
Hobby Q&A —
 Does the Moon experience annual meteor showers? 2:102
 Does the Sun's closer proximity to the Earth have any connection to global warming? 5:86
 Doesn't Earth's motion interfere with measuring stellar radial velocities? 2:102
 How can one determine a sunspot's size compared to that of Earth? 4:86
 How do you build a small observatory for a Dobsonian that sits at ground level? 6:88
 How far apart are the icy particles comprising Saturn's main rings? 5:86
 How is it possible for us to see a 2,000-year-old supernova that is 10,000 light-years away? 3:92
 How would the Milky Way Galaxy look from a planet in the Large Magellanic Cloud? 4:86
 Is it better to get a wedge or a field de-rotator for CCD imaging? 3:92
 Is there a handy astronomical indicator that could identify a point in the near or distant past? 4:86
 Lingering questions about the International Astronomical Union's new planet definition, 1:126
 What are the best settings to take a scenic picture of a full or crescent Moon? 2:102
 What is the farthest star that one can see without optical aid? 3:92
 Whatever became of comet photographer Alan McClure? 5:86
 When a telescope is wet with condensation, should you keep the lens caps on or off while the scope warms up? 6:88
 When was the last time a professional astronomer actually looked into an eyepiece at an observatory such as Palomar? 1:126
 Where can one find a 0.965-inch-diameter eyepiece for a Tasco telescope? 4:86
 Why do Schmidt-Cassegrain telescopes have focal ratios of f/10? 1:126
 Will using Adobe Photoshop call into question the authenticity of composite images? 6:88
 Wouldn't oblique meteorite impacts cause oval craters? 2:102

Letters —
 A Very Special Star, 1:14
 Arthritis and the Sleepy Amateur, 4:12
 Bluetooth Blues, 5:12
 Cold Comfort, 5:12
 Confounded Craters, 4:12
 Conservative Claims, 2:12
 Godless Cosmology Explained, 6:12
 Las Campanas Correction, 1:14
 Lookin' Good, 4:12
 More Pleas for Pluto, 1:12
 More Than One Everything? 3:12
 Phase the Facts, 6:12
 Planet Madness, 2:12
 RC or Not RC: That Is the Question, 3:12
 Renaming the Sky, 5:12
 Sun Guilty in Global Warming, 5:12
 The Sound of Silence, 2:12
 Uranus No Accident, 1:14
 Young (Astronomers) at Heart, 6:12

Mission Update —
 COROT, 4:24
 Hinode, 2:26
 Hubble Space Telescope, 1:28
 Hubble's Main Camera Dies, 5:22
 Mars Global Surveyor, 3:24
 Mars Reconnaissance Orbiter, 6:24
 Planck, 1:28
 Stereo, 2:26

THEMIS, 6:24
New Product Showcase —
 Agena AstroProducts ScoutCase, 2:82
 Backyard Observatories, 3:80
 Bob's Knobs' LightBridg collimation knobs, 5:80
 Gotostar Retrofit Kit, 2:82
 JMI Telescopes Event Horizon focusers, 2:80
 Lucam Recorder, 2:80
 MaxFactory's Stars at a Click: Master AutoStar CD-ROM, 6:68
 Omega Optical NPB, VHT, HPOIII, and GCE filters, 4:76
 Orion 180-mm Maksutov-Cassegrain, 6:68
 RC Optical Systems 10RCA, 5:80
 Scope Armor thermal underwear, 5:80
 Shoestring Astronomy USB adapters, 4:76
 SmartAstronomy EF eyepieces, 6:68
 Think Astronomy Solar-Spotters solar filters, 2:80
 Tri-Pier 2 tripod pier, 4:76
 William Optics FLT-132 f/7 triplet apochromatic refractor, 3:80
 Yankee Robotics Trifid Nugget, 2:82

News Notes —
 16 New Transiting Planet Candidates, 1:16
 50 & 25 Years Ago, 1:28, 2:26, 4:24, 5:22
 75, 50 & 25 Years Ago, 3:24, 6:24
 Ancient Building Block of Life, An, 3:18
 Andromeda Makes a Splash, 2:20
 Astronomers Unearth a Cataclysmic Corpse, 5:16
 Baby Galaxies Weighed, 3:22
 Big Bright Galaxy You've Never Seen, The, 6:17
 Bucking the Metallicity Trend, 2:24
 Clash of the Photons, 5:20
 Deep Survey Yields First Results, 4:16
 Doubt Cast on Lunar Ice, 2:18
 Dwarf Spheroidals: Mystery Solved? 5:15
 Exoplanet Atmospheres: Dry, Dusty? 6:18
 Exoplanet-Measuring Feat, An, 6:18
 First Triple Quasar, The, 4:18
 Flowing Water on Today's Mars? 3:17
 Follow That Story: A Dry Enceladus? 4:22
 Follow That Story: Kuiper Belt Counts, 4:22
 Follow That Story: Mars Underground, 4:22
 Follow That Story: Surplus of Stardust Results, 4:22
 Galactic Glow Gleaned, 1:22
 Geysers on Dione Too? 6:20
 Globular Cluster News, 5:18
 Good Times, Bad Times for Astronomy, 2:14
 Historic Supernova Linked to Remnant, 1:26
 Hot News on Cool Dwarfs, 1:24
 How Pure Are Comets? 1:22
 Hubble Confirms a Cosmic Jerk, 3:20
 Hubble Gets a New Lease on Life, 2:15
 Hubble Sees Dark Cloud on Uranus, 1:20
 Kepler Saw a White Dwarf Explode, 4:15
 Kuiper Belt Family, A, 2:18
 Little Red Spot Winds Strengthen, 2:16
 Living with a Red Dwarf, 3:20
 Looking Through a Gas Onion, 2:20
 M87 Black Hole Blasts the Virgo Cluster, 1:26
 Magnetically Lit Brown Dwarf, A, 5:15
 Milky Way Black Hole Has a Snack, 4:20
 Millennium Ahead of Its Time, A, 3:16
 Moon Shows Signs of Life, 3:18
 Nasty Neighbor, 1:22
 Nearby Superbubble, A, 3:22
 Nearby-Star News, 4:18
 Nearest Exoplanet Orbits in a Disk, 1:17
 Negative Molecule in Space, 3:22
 New Solar Neighbors, 3:22
 New Telescope in Mexico, 3:22
 No Cosmic Neutrinos Found . . . Yet, 5:16
 Old Star Unleashes Monster Flare, 2:22
 Orion Binary Makes No Sense, 4:20
 Planet that Runs Hot and Cold, A, 1:17
 Plethora of Puffy Planets, 2:22
 Postcards from Mars and Jupiter, 6:16

Rejuvenating Ancient Stars, 1:24
 Saturn Ring Takes a Hit, 1:18
 Seeking the Origins of Cosmic Rays, 5:16
 Solar System's Wreckage in the Helix's Heart, A, 5:18
 Superduper Supernova, 4:14
 Supernova Impostor, 1:18
 Titan: Assembling the Puzzle, 2:16
 Titan's Sierras, 4:16
 Transit of Luna, 6:22
 Understanding Enceladus, 6:20
 Update on Massive Black Holes, 5:20
 Why Venus Has No Moon, 1:20
 Widening Monoceros Light Echo, The, 2:24
 Yerkes' Fate: Again Unknown, 6:22

Northern Binocular Highlight —
 Crab Nebula, The, 2:52
 M67: Cancer's Other Cluster, 4:52
 NGC 2403 in the Wilderness, 3:44
 Treasures in Canes Venatici, 5:44
 Trio of Boötes Duos, A, 6:44
 Wonderful Mira, 1:60

Northern Hemisphere's Sky —
 In Praise of Pollux, 3:42
 Layers of Constellations, 4:50
 Long and Short of It, The, 5:42
 New Facts About Old Friends, 6:42
 Northern Hemisphere's Sky Chart, 1:59, 2:51, 3:43, 4:51, 5:43, 6:43
 Our Nearest Stellar Neighbors, 5:47
 Sirius Celebration, A, 2:50
 Star for Three Seasons, A, 1:58

Observer's Log —
 Eye and I: Star Colors — I, 1:96
 Light-Pollution Notes: Release from Prison, 3:71
 Measuring the Astronomical Unit from Your

Backyard, 1:91
 South American Ring Eclipse, A, 1:95
 Tiny Planet Crosses Huge Star, 3:70

Rambling Through the Skies —
 Designated Driver, 5:39
 Heavenly Reward, 1:55
 Minor League, 3:39
 Preparation for Landing, 2:47
 Private Astronomy, 4:47
 Public Astronomy, 6:39

S&T Test Report —
 Apogee's Alta U9000 CCD Camera, 6:64
 Hot New Products for 2007, 1:100
 Megrez 90 Apo: First-Class Glass, 5:75
 Smarter Observing with Deep-Sky Planner 4, 4:72
 Starry Night BlueStar Telescope Adapter, The, 3:76
 STF Mirage 7 Mak, 2:76
 William Optics FLT-132 Apo: When Aperture Matters, 5:77

Southern Binocular Highlight —
 Beta Pictoris Plus, 1:61
 Coalsack Nebula, The, 6:45
 Gem of a Cluster, A, 5:45
 Pi Puppis Cluster, The, 2:53
 Underappreciated NGC 3201, 4:53
 Vela Binocular Duo, A, 3:45

Southern Hemisphere's Sky —
 Clustered Along the Milky Way, 4:55
 Constellations Big and Small, 6:47
 Hopping Around the Hare, 2:55
 River of the Night, The, 1:63
 Sirius Blazes Forth, 3:47
 Southern Hemisphere's Sky Chart, 1:61, 2:53, 3:45, 5:45, 6:45

Spectrum —
 Around the World with S&T, 5:8
 Lost in Translation, 3:8
 Moving Experience, A, 2:8
 Other Side of the Story, The, 4:8
 Our Golden Opportunity, 6:8
 What Would George and Henri Do? 1:8

Spotlight On . . . —
 Blue Witch, The, 4:26
 Face on Mars, The, 2:28

Star Trails —
 Community News: Star Gazer Turns 30, 2:94
 My Yom Kippur Comet, 3:88
 Old Telescopes Should Never Die, 2:91
 On the Shoulders of a Giant, 1:123
 Our Memorable Mercury Transit, 5:84
 Sharing the Sky, 4:84
 Under Adirondack Skies, 6:76

Sun, Moon, and Planets —
 Mercury Leaps Up Down Under, 3:48
 Moons of Saturn and Jupiter, The, 3:51
 Planets of Dusk and Dawn, 4:56
 Saturn Rules the Evening Sky, 2:56
 Venus and Saturn Adorn the Sky, 1:64
 Venus at Its Height, 5:48
 Watch Saturn March on Venus, 6:48

Targets —
 Bundle of Wonders in Puppis, A, 3:72
 Foldout Star Chart, The, 5:70
 Lives of Open Clusters, The, 3:75
 My Favorite Double Stars of Spring, 5:69
 Near Sky, The: Twinned Rainbows, 5:73

The Astronomy Scene —
 Community News: A New Comet Levy, 1:120
 Robert Evans: Supernova Champ, 1:116

Grab Your **Binoculars** and Go!



Exploring the wonders of the cosmos doesn't require expensive and complicated equipment. The **moons of Jupiter, breathtaking nebulae, and distant galaxies** are all visible through binoculars!

Binocular Highlights: 99 Celestial Sights for Binocular Users

By Gary Seronik

Binocular Highlights is a tour of 99 different celestial sights — from softly glowing clouds of gas and dust to unusual stars, clumps of stars, and vast star cities (galaxies) — all visible in binoculars. Each object is plotted on a detailed, easy-to-use star map, and most of these sights can be found even in a light-polluted sky. Also included are four seasonal all-sky charts that help locate each highlight. *104 pages, 6 by 9 inches, spiralbound, softcover.*

59430 \$24.95 *plus shipping*



866-644-1377 ShopatSky.com