

FEATURES

68 PMA report: digital by default This year's photo show had lots of film, lenses, APS and 35mm point-and-shoots, and a deluge of digital cameras.

*80 Chasing rainbows Pros tell you how and when to shoot them-the rest is luck. Herbert Keppler

86 WOW! Claude Samton's pictures are made from (almost) a thousand photos. Nancy Millar

*88 Can ISO 800 print films do everything? ISO 800 is charging the ramparts in a bid to become the only film you need. Peter Krause & Peter Kolonia

94 35mm still lifes? Sure! Pros explain how a little bit of film gives large-format results. Dan Richards

*96 Flatbed scanner roundup Need to get photos into your computer but don't own a digital camera? Try a flatbed scanner! Michael J. McNamara & Julia Silber

DEPARTMENTS

12 Snapshots Simplest 35mm loading system; Asian art; a Peruvian adventure; Daguerre revisited; photography in motion. **16 Your best shot** Act quickly for the best shots. *18 SLR Unique, daring, and incredible close-focusing 28–300mm Tamron zoom. Herbert Keppler 28 Digital Focus Got a computer? Here's what you need to turn it into an imaging system. Jon Pepper 32 Point & shoot Funky finds, great gizmos, kooky koncepts for compact cameras. Dan Richards 36 Time exposure Student portfolios; Valentino Sarra. 38 Hands on The Phoenix P1, a bare-bones, manual SLR that delivers value at a great price. Jason Schneider 42 Photo lifestyles David Hessell is a motorcycle jockey who packs an SLR rig in his saddlebags. Sunshine Flint 48 Letters Our readers retort. 52 Nature The computer: a force that's here to stay in nature images, too. Tim Davis & Renee Lynn 60 Phototronics Will you ruin your camera if you use a flash not made by the camera manufacturer? James Bailey 64 Sint's view Trade show finds: an 8x10 point-and shoot, and a Mamiya that thinks it's a 'Blad. Steve Sint 146 Help! Chinon repairs; model builder; mounting problems. 240 Final frame The prairie under a magnifying glass.

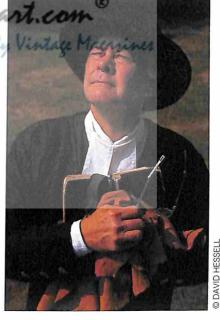




80 Chasing rainbows

68 Find this Leica lookalike and lots of other new products in our report on the PMA photo show.





42 Elmer Gantry? Nope, a vignette from a Revolutionary War re-enactment taken by this month's "Photo Lifestyles" photographer.

THIS MONTH'S CONTESTS

"Tell Us Who You Are" Photo Contest, page 50 Get Published '99 Contest, page 51 Tamron Zoo Day, page 61 Pentax ZX-5N Sweepstakes, page 71

★ COVER STORIES

COVER

The film boxes and cartridges on our "ISO 800 film wars" cover were shot in our studio by senior editor Peter Kolonia, who used a Rolleiflex 6008 in manual-exposure mode with a 90mm f/4 Schneider Makro APO-Symmar lens, and metered the exposure with a Minolta Flashmeter IV. Exposure on Agfa RSX 100 film: 1/125 sec at f/22. Art director Gary French scanned the resulting 21/4 transparencies and created the cover image digitally in Photoshop using dodging and distorting tools. He also cloned the yellow and green background, picking up colors from areas of the Kodak and Fuji boxes pictured.

