

POPULAR PHOTOGRAPHY

Managing Editor: Frank Fenner, Jr., ARPS, APSA
 Eastern Editor: Bruce Downes
 Technical Editor: Robert L. McIntyre
 Associate Editor: John Alden
 Assistant Editors: Jacquelyn Judge, Jane Scarbrough
 Photographers: Walter Steinhard, Arthur Haug
 Advertising Manager: Herbert E. Hayden

MARCH, 1947

VOLUME 20, NUMBER 3

Pix Quiz	By Popko	20
Photo Teacher	By Tom Carlile	44
Operation Zero	By David Macfie	43
Let's Make Some Grab Shots	By George Gelberg	50
Children at School	By Etna M. Kelley	52
The ABC's of Enlarging	By Joseph Foldes	54
Introducing Eric Wahleen	By Edward Howard	57
A Six-Year-Old and a Brownie	By James A. Stewart, Lt. (jg) USNR	59
Veterans for Jobs	By Lloyd E. Varden	60
Getting the Best Out of Printon	By Lyn Sterling	62
Selecting Contest Winners	By Harris B. Tuttle	79
Forecast for Tomorrow	By Glenn F. Jenkins	82
Amateur Movie Section	By John R. Whiting	84
Teen-Age Movie Makers		117
Cinematica		117
Controlling Tonal Balance		118
A Glossary for Photo-Journalism		156
BACKLIGHTED PICTURES		190

Light makes photography possible, yet it is often ignored. Light is never so luminous, so exciting, as when it comes from behind the subject. So here is a selection of back-lighted pictures showing different techniques to open new ideas for you and your camera.

Press	16	What's Wrong with This Picture?	129
The Magazines	16	New Home Movies	136
Popular Photography's Traveling Salons	20	Camera Clubs	142
Candid Shots by the Editor	40	Shooting the March Cover	178
Trade Notes and News	86	Calendar of Photographic Exhibitions	180
Notes on the Picture Section	88	New Books	182
Film Speed Rating Systems	90	Contests and Markets	185
Photo Tips	92	Peace on the Imaginative Element	185

COVER BY BRUCE DOWNES. SEE PAGE 142.
 POPULAR PHOTOGRAPHY, including Amateur Cinematography, Trade Mark Registered. Combined with Prize Photography Magazine, formerly Everyday Photography.
 EDITORIAL AND ADVERTISING OFFICES: 185 North Wabash Avenue, Chicago 1, Ill. New York Office: C. R. Tighe, Manager Eastern Division, Empire State Building, New York 1, N. Y. Los Angeles Office: William L. Pinney, Manager Western Division, 815 South Hill St., Los Angeles 14, Calif. Washington Office: Fred Hamlin, Manager, International Building, 1319 F. Street, N. W. Washington 4, D. C. London Office: Ziff Davis, Ltd., Grampians Bldg., Western Gate, London, England.

ZIFF-DAVIS PUBLISHING COMPANY
 185 N. Wabash Ave., Chicago 1, Ill.
WILLIAM B. ZIFF
 Chairman of the Board and Publisher
B. G. DAVIS
 President and Editor
 Vice-Presidents: **GEORGE BERNER**, Advertising and Sales Director
MICHAEL H. FROELICH, Editorial Director
H. J. MORGANROTH, Production Director
H. G. STRONG, Circulation Director
ARTHUR T. PULLEN, Secretary-Treasurer
HERMAN R. BOLLIN, Art Director

POPULAR PHOTOGRAPHY is published monthly by the Ziff-Davis Publishing Company at 185 N. Wabash Ave., Chicago 1, Ill. Entered as second-class matter July 30, 1937, at the Post Office, Chicago, Ill., under the name of March 3, 1879. Entered as second-class matter at the Post Office Department, Ottawa, Canada.
 SUBSCRIPTION RATES: In U. S., Mexico, South and Central America and U. S. Possessions, \$3.00 for twelve copies; in Canada, \$3.50; in British Empire, \$4.00; all other foreign countries, 12 issues, \$4.00. Single copies, 10 cents. Payment should be made in advance. All communications about subscriptions should be addressed to the Director of Circulation, 185 N. Wabash Ave., Chicago 1, Ill.
 CONTRIBUTIONS: Contributors are advised to retain a copy of their manuscripts and illustrations. Contributions must be accompanied by return postage and they will be handled with reasonable care, but this magazine assumes no responsibility for their safety. Any copy accepted is subject to whatever adaptations, corrections, and necessary to meet the requirements of this publication. Payment covers all authors' contributions and contestant's rights, title, and interest in and to the material accepted and will be made at current rates upon acceptance. All photos and drawings will be considered as part of the material purchased.

COPYRIGHT, 1947 • ZIFF-DAVIS PUBLISHING COMPANY

Volume 2, Issue 2
 Watch for future issues
 of PENN NOTES

Penn Notes

New Merchandise Is
 Arriving Daily. Write
 for PENN'S Last-
 Minute Merchandise
 Bulletin.



MARCH 1947

SPEED GRAPHICS HERE AGAIN

FAMED PRESS, PRO AND AMATEUR CAMERAS MAKE BOW AT PENN

At long last, the Speed Graphic is again available, and PENN is one of the first to bring two of the popular models to you. The supply is yet limited; order now.



THE MINIATURE SPEED GRAPHIC

2 1/4 x 3 1/4 inches, with Kodak Ektar f4.5 lumenized lens, Synchro-Flash Supermatic Shutter (1 second to 1/400th), Focal Plane Shutter (1/10th second to 1/1000th) internally synchronized for flash, Kalart Coupled Rangefinder and double cut film holder. Complete. \$221.70

THE 3 1/4 x 4 1/4 SPEED GRAPHIC

3 1/4 x 4 1/4 inches, with Graflex 135mm Optar f4.7 coated lens, Graphex Synchro X Shutter, (1 second to 1/400th), Focal Plane Shutter (1/10 sec. to 1/1000), Graflex 3 cell Flash Synchronizer, Kalart Coupled Rangefinder, and double cut film holder. Complete. \$249.65
 Graphic Double Cut Film 2 1/4 x 3 1/4 3 1/4 x 4 1/4
 Holders, each. \$4.00 \$4.15
 Graphic Film Pack Adapters, each. 7.65 8.65

(Due to limitations in supply, we are compelled to restrict the sale of cut film holders and adapters to camera orders only)

A PENN SPECIAL

35mm Film
 Kodak Super XX—Ansco Supreme—
 Dupont Superior 2
 45 & 46 Dating
 Factory Packed—Guaranteed
 100 feet for \$2.50

FLASH EQUIPMENT

HEILAND RESEARCH
 SYNCHRONIZERS and ACCESSORIES



Model S Outfit* for Synchro Flash Shutters (Press type cameras) with Standard Reflector. \$24.00

Same, but with Focusing Midget Lamp Reflector. \$28.00

Model S Outfit* for Medalist II, Kodak Reflex, Kodak 35 or other Kodak Synchro Shutters including cord and bracket. \$26.25

Same, but with Focusing Midget Lamp Reflector (specify camera). \$30.20

Model S Outfit* for Press Cameras with Non-Synchro Shutters, with Electro-Matic Solenoid. \$37.65

Same, but with Focusing Midget Lamp Reflector. \$41.65

Model K Outfit* for all cameras with double action shutters; with Electro-Matic Solenoid and Standard Reflector. \$33.20

Same, but with Focusing Midget Lamp Reflector. \$37.15

*Includes 3-cell Battery Case with Focuspot Outlet

Standard Reflector. \$2.65

Focusing Midget Bulb Reflector. \$6.65

Remote Control Cord—For firing Heiland Flash Units from 10 feet of camera. \$3.20

Complete Flash Extension, including multi-socket, Fotoclamp, standard reflector and 20 ft. cord. \$17.90

Same, but with Focusing Midget Bulb Reflector. \$21.90

Heiland Booster Battery Box

Portable power supply for large current needs in multiple flash work. \$25.85

Fotoeye

A photo-electric light sensitive relay for firing extension flashes without connecting wires to master tripper. \$51.50

For Immediate Delivery! THE SENSATIONAL, NEW GIRAFFE BOOM LIGHT

The most versatile, the most functional lighting development in years . . . designed to provide flexible lighting facility to the home photographer and professional.

With one simple motion of the hand, you can place light just where you want it, easily and quickly. Without leaving your camera, you can reach over, under and around the subject to create rim, top or back light effects. You can twist, turn, tilt, raise and lower. You can use the GIRAFFE with color screens for effect lighting . . . with diffusers for soft lighting . . . with masks to control or restrict the area covered.

Reaching to a height of more than 12 feet, or lowered right to the floor, the boom of the GIRAFFE is 6 feet long . . . the stand extends to 8 ft. 6 in. from a closed position of 4 ft. 9 in. One exclusive feature of the stand is the Pneumo-Cushion which causes it to descend slowly without bump or jar. The ventilated aluminum head is especially designed to accept the new G.E. RSP-2 bulb or the RFL-2 reflector flood. A built-in louvre prevents light spill, confining rays to the useful working area, and is removable for wide flooding.

\$60.00
 Including RSP-2 Bulb

All Prices Quoted Are Exclusive of Shipping Charges

Penn CAMERA
 126 WEST 32nd ST NEW YORK 1, N. Y.
 LACKAWANNA 4-8715
 "FAMOUS FOR FAIRNESS."

March, 1947

POPULAR

Tips For Better Winter Photos

PHOTOGRAPHY

MARCH 1947 ★ 25 CENTS



 MeretMart.com
Vintage Magazines for Special People