

SUPPLIERS DIRECTORY

Considerable time has been devoted to the preparation of the following list. The list is by no means complete and undoubtedly you will find names omitted which should have been included. The committee suggests to its members that when contacting suppliers or advertisers that credit be given "MOSQUITO NEWS". The success and growth of your magazine depends primarily on your support. The committee also assumes no responsibility for omissions in the listings. Any corrections, additions or information pertaining to this listing or future listings should be directed to James T. Hart, Jr., 3 Franklin Place, Morris Plains, New Jersey.

The committee wishes to state that listings or acceptance of advertising either for this issue or succeeding issues does not constitute endorsement of the products advertised or listed.

BLOCKS, TACKLE, SNATCH, ETC.

American Hoist & Derrick Co., St. Paul, Minn.
 American Logging Tool Co., Evart, Mich.
 Boston & Lockport Block Co., Boston, Mass.
 Chance Co., Centralia, Mo.
 Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
 Fulton Iron Works, Detroit, Mich.
 Hansen & Yorke Co., Inc., 88-90 Warren St., N. Y. C.
 Laneboro Mfg. Co., Poughkeepsie, N. Y.
 Laughlin, Thomas Co., 199 Fore St., Portland, Maine.
 McMillans, W. H. Sons, 49 South St., New York, N. Y.
 Madesco Tackle Block Co., Easton, Pa.
 Maine Steel Co., Portland, Maine.
 Merriman Bros., Boston, Mass.
 Michigan Engine Valve Co., Detroit, Mich.
 Ney Mfg. Co., Canton, Ohio.
 Rittsburgh Block & Mfg. Co., Pittsburgh, Pa.
 Roebling, John A. Sons Co., Trenton, N. J.
 Sauerman Bros., Inc., 438 S. Clinton St., Chicago, Ill.
 Starline, Inc., Harvard, Ill.
 Upton-Walton Co., 1280 West 11th St., Cleveland, Ohio.
 Western Block Co., Lockport, New York.
 Wilcox Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

CARRIERS FOR DUST

American Cynamid & Chemical Corp., 30 Rockefeller Plaza, N. Y. C.
 Chrystal, Chas. B. Co., 11 Park Pl., New York City.
 Drury, A. C. & Co., Inc., 219 E. No. Water St., Chicago, Ill.
 Floridin Co., Warren, Pa.
 Fuller's Earth Co., 10616 Euclid Ave., Cleveland, Ohio.
 Glendinning & Co., 1144 Fifth Ave., Los Angeles, Calif.
 Hammill & Gillespie, 225 Broadway, New York City.
 Illinois Minerals, 807½ Washington Ave., Cairo, Ill.
 Innis, Speiden & Co., 117 Liberty St., New York City.
 Penick, S. B. & Co., 132 Nassau St., New York City.
 Salomen, L. A. & Bros., 216 Pearl St., New York City.
 Starkie, A. E., Oak Park, Ill.
 Tamms Silica Co., 228 No. LaSalle St., Chicago, Ill.
 United Clay Mines Corp., Prospect & Oakland Sts., Trenton, N. J.
 Whittaker, Clark & Daniels, 260 W. Broadway, New York City.
 Wilson, T. C. Co., 503 Market St., San Francisco, Calif.

CONSTRUCTION EQUIPMENT AND SUPPLIES

American Steel Wire Co., 350 Fifth Ave., New York, N. Y.
 Austin-Western Road Machine Co., Aurora, Ill.
 Caterpillar Tractor Co., Peoria, Ill.
 Consolidated Wagon & Machine Co., Salt Lake City, Utah.
 Crane Co., 1225 I St., N. W., Washington, D. C.
 Cummings Co., 194 Frelinghuysen Ave., Newark, N. J.
 Dale & Rankin, Inc., 113 Frelinghuysen Ave., Newark, N. J.
 Gray Concrete Pipe Co., Jefferson Davis Hwy., Arlington, Va.
 Harnischfeger Corp., Milwaukee, Wisc.
 Hayward, The Co., 50 Church St., New York, N. Y.
Johnson & Dealaman, Inc., 225 South St., Newark, N. J.
 Killefer Mfg. Corp., Ltd. 5525 Dowhey Rd., Los Angeles, Calif.
 Leschen & Son Rope Co., 90 West St., New York, N. Y.
 Lidgerwood Hoist, Elizabeth, N. J.
 Loomis, C. H. & Co., 154 First St., New York, N. Y.
 Maryland Culvert & Pipe Co., Baltimore, Md.
 Melvise, Geo., Jerico Trp., Mineola, L. I., N. Y.
 New York Wire Cloth, 500 Fifth Ave., New York, N. Y.
 Noland Co. Inc., 136 K St., N. E., Washington, D. C.
 Owen Buckets, Cleveland, Ohio.
 Penn, H. O. Machinery Co., Inc., 140th St., East River, New York, N. Y.
 Roebing, John A. & Son Co., Trenton, N. J.
 Ryerson Joseph T. & Co., Chicago, Ill.
 Smith Tractor & Equipment Co., Irvington, N. J.
 Stortz, John & Son, Inc., 210 Vine St., Philadelphia, Pa.

CREOSOTE OILS AND CREOSOLS

SEACOAST LABORATORIES, INC., 156 PERRY ST., N. Y., N. Y.
 American-British Chemical Supplies, 180 Madison Ave., New York City.
 American Cynamid & Chemical Corp., 30 Rockefeller Plaza, N. Y. C.
 Baird & McGuire, Inc., Holbrook, Mass.
 Barrett Co., 40 Rector St., New York City.
 Braun-Knecht-Heimann Co., 1400 16th St., Los Angeles, Calif.
 California Spray-Chemical Corp., Richmond, Calif.
 Chemical Supply Co., 2405 Canal Rd., Cleveland, Ohio.
 Chicago Sanitary Products Co., 3100 So. Troop St., Chicago, Ill.
 Cooper, Wm. & Nephews, 1909 Clifton Ave., Chicago, Ill.
 Crowley Tar Products Co., 271 Madison Ave., New York City.
 Crystal Soap & Chemical Co., Inc., 6300 State Rd., Tacony, Philadelphia.
 Davies-Young Soap Co., Dayton, Ohio.
 Dodge C. B. Co., Westport, Conn.
 Eagle Soap Corp., Huntington, Ind.
 Fuld Bros., 702 So. Wolfe St., Baltimore, Md.
 Globe Sanitary Supply Co., 2249 E. 38th st., Los Angeles, Calif.
 Good, James, Inc., 214 E. Susquehanna Ave., Philadelphia.
 Hockwald Chemical Co., 135 Mississippi St., San Francisco, Calif.
 Insecticide Corp. of America, Medina, N. Y.
 Jordan, Wm. E. & Bros., 2590 Atlantic Ave., Brooklyn, N. Y.
 Koppers Co., Tar & Chem. Div., Koppers Bldg. Pittsburgh, Pa.
 Los Angeles Chemical Co., 1960 Santa Fe Ave., Los Angeles, Calif.
 Mallinckrodt Chemical Works, 3600 No. Second St., St. Louis, Mo.
 McKesson & Robbins, Inc., 200 So. Los Angeles St., Los Angeles, Calif.
 McLaughlin Gormley King Co., 1715 Fifth St., S. E., Minneapolis, Minn.
 Merck & Co., Inc., Rahway, N. J.
 Monsanto Chemical Co., 1700 So. Second St., St. Louis, Mo.
 Niagara Sprayer & Chemical Co., Inc., Middleport, N. Y.
 Reilly Tar & Chemical Co., Indianapolis, Ind.
 Republic Creosoting Co., Indianapolis, Ind.

Shell Oil Co., 100 Bush St., San Francisco, Calif.
 Thompson Hayward Chemical Co., Des Moines, Iowa.
 Trojan Products & Mfg. Co., 3107 So. Wabash Ave., Chicago, Ill.
 White Tar Co. of N. J., Kearny, N. J.

DITCHING SPADES

American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
 Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
 Ames, Oliver & Sons, North Easton, Mass.
 Hamlin Metal Products Co., 58 West Exchange, Akron, Ohio.
 Ingersoll Steel & Disc, New Castle, Ind.
 Iwan Bros., Inc., South Bend, Ind.
 Magor Car Corp., 50 Church St., New York, N. Y.
 Manahan, Julian D., 3510 Bergenline Ave., Union City, N. J.
 Seashore Machine Works, Atlantic City, N. J.
 Union Fork and Hoe Co., Columbus, Ohio.

DUST MIXERS

Ace Wood Products Co., 1891 W. 25th St., Cleveland, Ohio.
 Agicide Laboratories, Inc., 4668 No. Teutonia Ave., Milwaukee, Wisc.
 Day, The J. H. Co., 1144 Harrison Ave., Cincinnati, Ohio.
 Frost Insectide Co., Arlington, Mass.
 Niagara Sprayer & Chemical Co., Inc., Middleport, N. Y.
 Peerless Dust Gun Co., 5100 St. Clair Ave., Cleveland, Ohio.

DUSTERS, HAND AND MACHINE

BEAN, JOHN MFG. CO., LANSING, MICHIGAN (Out for duration).
 SEACOAST LABORATORIES, INC., 156 PERRY ST., N. Y., N. Y.
 SMITH, D. B. & CO., INC., UTICA, NEW YORK.
 Agicide Laboratories, 4668 Teutonia Ave., Milwaukee, Wisc.
 American Cyanamid & Chemical Corp., Rockefeller Pl., New York, N. Y.
 "Friend" Mfg. Co., Gasport, N. Y.
 Frost Insecticide Co., Arlington, Mass.
 Liro, P. E., Inc., Vineland, N. J.
 Master Fan Corp., 1321 Channing St., Los Angeles, Calif.
 Messinger Mfg. Co., Tatamy, Pa.
 Niagara Sprayer & Chemical Co., Inc., Middleport, N. Y.
 Olson Bros., Kingsburg, Calif.
 Roediger, Paul O., Princeton, N. J.
 Root Manufacturing Co., 1051 Power Ave., Cleveland, Ohio.
 Shunk Manufacturing Co., Bucyrus, Ohio.
 Stauffer Chemical Co., Inc., 420 Lexington Ave., New York, N. Y.
 Wilson, Andrew, Inc., Springfield, N. J.

ENGINEERING INSTRUMENTS AND SUPPLIES

Altender Theo. & Sons, 1217 Spring Garden St., Philadelphia, Pa.
 Brunning, Charles, Inc., 102 Reade St., New York, N. Y.
 Dieterich-Post Co. 15 First St., San Francisco, Calif.
 Dietzgen, Eugene Co., 218 E. 23rd St., New York, N. Y.
 Gurley, W. & L. E., Troy, N. Y.
 Keuffel & Esser Co., Hoboken, N. J.
 Lietz, A. & Co., 520 Montgomery St., San Francisco, Calif.
 Pembroke Company, 22 E. 3rd St., Salt Lake City, Utah.
 Photo-Blue Co., Ness Bldg., Salt Lake City, Utah.
 Salt Lake Blue Print & Supply Co., Salt Lake City, Utah.
 Shaw Blue Print Co., 9 Campbell St., Newark, N. J.

LABORATORY EQUIPMENT

Bausch & Lomb Optical Co., Rochester, N. Y.
 Central Scientific Co., Chicago, Ill.

Corning Glass Works, Corning, N. Y.
 Eimer & Amend, 18th st. and 3rd Ave., New York City.
 Empire Laboratory Supply Co., Inc., 559 W. 132nd St., New York City.
 Fauffman-Lattimer Co., The, 263 N. Front St., Columbus, Ohio.
 Fisher Scientific Co., 709 Forbes St., Pittsburgh, Pa.
 Gaertner Scientific Corp., 1204 Wriethood Ave., Chicago, Ill.
 General Machine Co., 398 Market St., Newark, N. J.
 Green, F. R. & Co., Inc., 43 Exchange Pl., New York City.
 Greiner, Emil Co., 55 Fulton St., New York City.
 Heil Corp., 210 S. Fourth St., St. Louis, Mo.
 Macalaster Bicknell Co., Cambridge, Mass.
 Mine & Smelting Supply Co., 225 Broadway, New York City.
 National Scientific Corp., 814 N. Franklin St., Chicago, Ill.
 Ohio Chemical & Mfg. Co., 1177 Marquette St., N. E., Cleveland, Ohio.
 Palo Company, 153 W. 23rd St., New York City.
 Schaar & Co., 556 W. Jackson Blvd., Chicago, Ill.
 Ivan Sorvall, 210 Fifth Ave., New York City.
 Taylor Instrument Companies, Rochester, N. Y.
 Ward Natural Science Est., 84 College Ave., Rochester, N. Y.
 Welch Scientific Apparatus Co., Chicago, Ill.

LARVICIDE EMULSIFIERS

DOGGETT & PFEIL CO., SPRINGFIELD, NEW JERSEY.
HERCULES POWDER CO., WILMINGTON, DELAWARE.
SEACOAST LABORATORIES, INC., 156 PERRY ST., N. Y., N. Y.
 American Cyanamid & Chemical Corp., 30 Rockefeller Plaza, N. Y., N. Y.
 Borden's, 350 Madison Ave., New York, N. Y.
 California Spray-Chemical Corporation, Richmond, Calif.
 Columbia Soap & Chemical Co., 217 Clara St., San Francisco, Calif.
 Crystal Soap & Chemical Co., 6300 State Rd., Tacony, Philadelphia, Pa.
 Dairy Corp. of America, 221 No. LaSalle St., Chicago, Ill.
 Dow Chemical Co., Midland, Mich.
 duPont de Nemours Co., E. I., Wilmington, Del.
 Los Angeles Soap Co., Los Angeles, Calif.
 Powell, John & Co., Inc., 114 E. 32nd St., New York, N. Y.
 Rohm & Haas Co., Washington, Sq., Philadelphia, Pa.
 Shell Development Co., 4560 Horton St., Emeryville, Calif.
 Ward Dry Milk Co., 2219 Charles St., St. Paul, Minn.

LARVICIDES, MOSQUITO

CHIPMAN CHEMICAL CO., INC., BOUND BROOK, N. J.
DOGGETT-PFEIL CO., SPRINGFIELD, N. J.
HERCULES POWDER CO., WILMINGTON, DEL.
SEACOAST LABORATORIES, INC., 156 PERRY ST., N. Y., N. Y.
 Baird & McGuire, Inc., Holbrook, Mass.
 California Spray-Chemical Corp., Richmond, Calif.
 Cary Mfg. Co., Joliet, Ill.
 Chemical Supply Co., 2450 Canal Rd., Cleveland, Ohio.
 Chicago Sanitary Products Co., 3100 S. Throop St., Chicago, Ill.
 Clifton Chemical Co., 247 Front St., New York City.
 Creco Co., Inc., reco Bldg., Long Island City, N. Y.
 Crystal Soap & Chemical Co., 6300 State Rd., Tacony, Philadelphia, Pa.
 Eagle Soap Corp., Huntington, Ind.
 Hockwald Chemical Co., 30 Bluxome St., San Francisco, Calif.
 Hysan Products Co., 2560 Armitage Ave., Chicago, Ill.
 Marshall Products, Inc., 806 North First St., St. Louis, Mo.
 McCormick Sales Co., Inc., Baltimore, Md.
 Merck & Co., Inc., Rahway, N. J.
 North Coast Chemical & Soap Works, Seattle, Wash.

Palmer Products, Inc., Waukesha, Wisc.
 Pratt, B. G. Co., 50 Church St., New York City.
 Sonneborn, L. & Sons, 88 Lexington Ave., New York City.
 U. S. Sanitary Specialties Corp., 435 South Western Ave., Chicago, Ill.
 White Tar Co. of N. J., Kearny, N. J.
 Wilson, Andrew, Inc., Springfield, N. J.
 Woods, Frank Z., 444 W. Grand Ave., Chicago, Ill.

MARINE SUPPLIES

Adams & Westlake Co., Chicago, Ill.
 Alan-Clarke Co., 98 Chambers St., New York, N. Y.
 Armstrong & Galbraith, Inc., 623 Sixth Ave., New York, N. Y.
 Budd, E. G., Mfg. Co., 25th and Huntington Park Ave., Philadelphia, Pa.
 Durkee Co., Inc., 29 South St., New York, N. Y.
 Topping Bros., 159 Varick St., New York, N. Y.
 Willis, E. J. & Co., 91 Chambers St., New York, N. Y.

MICROSCOPES

Bausch & Lomb Optical Co., Rochester, N. Y.
 Central Scientific Co., Chicago, Ill.
 Clay-Adams Co., 25 E. 26th St., New York, N. Y.
 Daigger, A. & Co., 159 W. Kinzie St., Chicago, Ill.
 Denoyer-Geffert Co., 5235 Ravenwood Ave., Chicago, Ill.
 Eimer & Amend, 18th St. & 3rd Ave., New York, N. Y.
 Fischer Scientific Co., 709 Forbes St., Pittsburgh, Pa.
 General Biological Supply House, Inc., 761 E. 69th Pl., Chicago, Ill.
 Leitz, E., Inc., 60 E. 10th St., New York, N. Y.
 N. Y. Biological Supply Co., 34 Union Sq., New York, N. Y.
 Spencer Lens Co., Buffalo, N. Y.
 Standard Scientific Supply Corp., 34 W. 4th St., New York, N. Y.
 Thomas, Arthur H., Washington Sq., Philadelphia, Pa.
 Ward's Natural Science Establishment, Inc., P. O. Box 24, Rochester, N. Y.
 Zeiss, Carl, Inc., 485 Fifth Ave., New York, N. Y.

MOTION PICTURE FILMS, MOSQUITO

Alemeda Co. Mosquito Abatement Dist., Oakland, Calif.
 American Film Center, Inc., 45 Rockefeller Plaza, New York, N. Y.
 Bray Pictures, Inc., 729 Seventh Ave., New York, N. Y.
 Eastman Kodak, Rochester, N. Y.
 Edited Pictures System, Inc., 330 W. 42nd St., New York, N. Y.
 Iowa State College, Visual Instruction Service, Ames, Iowa.
 Nassau Co. Mosquito Exterm. Comm., Rockville Centre, L. I., N. Y.
 T. V. A., Health Educ. & Information Services, Chattanooga, Tenn.
 U. S. Dept. of Agriculture, Washington, D. C.
 U. S. Public Health Service, Washington, D. C.
 University of Utah, Salt Lake City, Utah.

OIL EQUIPMENT AND SUPPLIES

Renick & Mahoney, Inc., 114 Liberty St., New York, N. Y.

OILS, MOSQUITO

SOCONY-VACUUM OIL CO., 26 BROADWAY, N. Y. C.
 DOGGETT-PFEIL CO., SPRINGFIELD, N. J.
 Gulf Oil Co., 17 Battery Pl., New York, N. Y.
 Red Feather Oil Co., Salt Lake City, Utah.
 Sinclair Refining Co., 10 W. 51st, New York, N. Y.
 Standard Oil Co. (N. J.), 26 Broadway, New York, N. Y.
 Standard Oil Co. (Ind.), Chicago, Ill.
 Sun Oil Co., 420 Lexington Ave., New York, N. Y.

Texas Co., The, 135 E. 42nd St., New York, N. Y.
 Tidewater Oil Co., 17 Battery Pl., New York, N. Y.

PARIS GREEN

CHIPMAN CHEMICAL CO., INC., BOUND BROOK, N. J.
 Acme White Lead & Color Works, 8250 St. Aubin Ave., Detroit, Mich.
 Ansbacher-Siegle Corp., 310 No. 7th St., Brooklyn, N. Y.
 Bartlett, N. M., Spray Works, Beamsville, Ont., Canada.
 California Spray-Chemical Corp., Richmond, Calif.
 Dow Chemical Co., Midland, Mich.
 duPont, E. I. de Nemours & Co. (Inc.), Wilmington, Del.
 General Chemical Co., 40 Rector St., New York City.
 Goulard & Olena, Inc., 140 Liberty St., New York City.
 Insecticide Corp. of America, Medina, N. Y.
 Interstate Chemical Mfg. Co., 35 No. 6th St., Reading, Pa.
 Lavanburg, Fred L. Co., 90 John St., New York City.
 Lirio, P. E., Vineland, N. J.
 Los Angeles Chemical Co., 1960 Santa Fe Ave., Los Angeles, Calif.
 Lucas Kil-Tone Co., 322 Race St., Philadelphia, Pa.
 Mechling Bros. Chemicals, Div. of General Chemical Co., 12 So. 12th St., Philadelphia, Pa.
 Niagara Sprayer & Chemical Co., Inc., Middleport, N. Y.
 Peaslee-Gaulbert Corp., 407 West Main St., Louisville, Ky.
 Robins, G. S. Co., 310 South Commercial St., St. Louis, Mo.
 Rosenthal, H. H. Co., 25 East 26th St., New York City.
 Sherwin-Williams Co., 101 Prospect Ave., Cleveland, Ohio.
 Westwell Chemical Co., Whittier, Calif.
 Wilson, Andrew, Inc., Springfield, N. J.

PHOTOGRAPHIC EQUIPMENT AND SUPPLIES

College Pharmacy, New Brunswick, N. J.
 Eastman Kodak, Rochester, N. Y.
 Kaltman, L. & Sons, 305 Washington St., Newark, N. J.
 Murphy, Inc., 57 East Eighth St., New York, N. Y.
 Society for Visual Education Inc., East Ohio St., Chicago, Ill.
 Willoughby's, 110 W. 32nd St., New York, N. Y.

PHOTOGRAPHS OF INSECTS

Microphoto, 2404 W. Seventh St., Los Angeles, Calif.
 Vishniac, Roman, 152 W. 76th St., New York, N. Y.

PUBLISHERS OF REFERENCE BOOKS, MOSQUITO

**NEW JERSEY MOSQUITO EXTERMINATION ASSOCIATION,
 NEW BRUNSWICK, N. J.**

American Assoc. for the Advancement of Science, Washington, D. C.
 American Assoc. of Econ. Entomologist, New Brunswick, N. J.
 American Public Health Assoc., 1790 Broadway, New York, N. Y.
 Carnegie Institute, Washington, D. C.
 Commonwealth Fund, 41 E. 57th St., New York, N. Y.
 Comstock Publishing Co., Inc., Roberts Pl., Ithaca, N. Y.
 Gorham Press, Boston, Mass.
 Macmillan Co., New York, N. Y.
 McGraw-Hill Book Co., Inc., 330 W. 42nd St., New York, N. Y.
 National Malaria Society, Box 997, Tallahassee, Fla.
 Science Press Printing Co., Lancaster, Pa.
 Thomas, C. C., Baltimore, Md.
 U. S. Department of Agriculture, Washington, D. C.
 U. S. Public Health Service, Washington, D. C.

PUMPS, CONSTRUCTION AND HAND

MYERS, F. E. & BRO., ASHLAND, OHIO.
 Blackmer Rotary Pump Co., Grand Rapids, Mich.
 Briggs-Statton Corp., Milwaukee, Wisc.
 Fitzhenry-Guptill Co., 135 First St., E. Cambridge, Mass.
 Gould Pumps, Seneca Falls, New York.
 Homelite Corp., Riverdale Ave., Port Chester, N. Y.
 Jaeger Machine Co., Columbus, Ohio.
 Johnson & Dealaman, Inc., 225 South St., Newark, N. J.
 LeRoi Company, Milwaukee, Wisc.
 Trench Marine Pump Co., Inc., 126 W. 22nd St., New York, N. Y.
 Worthington Pump & Machine Corp., Harrison, N. J.

PYRETHRUM EXTRACTS

CHIPMAN CHEMICAL CO., INC., BOUND BROOK, N. J.
DOGGETT-PFEIL CO., SPRINGFIELD, N. J.
SEACOAST LABORATORIES, INC., 156 PERRY ST., N. Y., N. Y.
 Allaire, Woodward & Co., Peoria, Ill.
 An-Fo Manufacturing Co., 3129 Elmwood Ave., Oakland, Calif.
 Dodge & Olcott Co., 180 Varick St., New York City.
 Hammond Paint & Chemical Co., Beacon, N. Y.
 J. L. Hopkins & Co., 220 Broadway, New York City.
 McCormick Sales Co., Inc., 490 Light St., Baltimore, Md.
 McLaughlin Gormley King Co., 1715 Fifth St., S. E., Minneapolis, Minn.
 Penick, S. B. & Co., 132 Nassau St., New York City.
 Powell, John & Co., Inc., 114 East 32nd St., New York City.
 Prentiss, R. J. & Co., Inc., 80 John St., New York City.
 Sunland Sulphur Co., P. O. Box 964, Fresno, Calif.

REPELLENTS, MOSQUITO

DOGGETT-PFEIL CO., SPRINGFIELD, N. J.
WOOD, THE GEORGE B. CO., SHARON, MASS.
 Allan & Co., Inc., St. Louis, Mo.
 Becker-Bischoff Chemical Co., St. Louis, Mo.
 Betard-Chemical Co., 20 Thompson Ave., Glens Falls, N. Y.
 Bohlender Plant Chemicals, Inc., Tiptecanoe City, Ohio.
 Brilliant Search Light Mfg. Co., Chicago, Ill.
 Burma-Vita Co., Minneapolis, Minn.
 Burroughs, Wellcome & Co., Inc., New York, N. Y.
 Case, F. P. Co., Sault Sainte Marie, Mich.
 Cenol Company, Chicago, Ill.
 Frierson Drug Co., Charleston, S. C.
 Fly Terror Mfg. Regd., Quebec, P. Q.
 Hubere Cosmetics, Chicago, Ill.
 Huntington Laboratories, Inc., Huntington, Ind.
 Jenkins, H. C. & Co., Los Angeles, Calif.
 Kessler Chemical Co., Inc., Delaware Ave., Philadelphia, Pa.
 Kimball Bros. & Co., Enosburg Falls, Vermont.
 Knickerbocker, Holland, Michigan.
 Kurung, Joseph M., Ray Brook, N. Y.
 Macy, R. C. Co., New York, N. Y.
 Magnuss, Mabee & Reynard, Inc., New York, N. Y.
 McCormick Laboratories, Kalamazoo, Mich.
 McKesson & Robbins, Inc., New York, N. Y.
 Midwest Oil Co., Minneapolis, Minn.
 Millsite, Howell, Michigan.
 Morrocks-Ibbotson Co., Utica, N. Y.
 National Carbon Co., Inc., Chicago, Ill.
 Oil of India Co., Chicago, Ill.
 Penslar, The Co., Inc., Detroit, Mich.

Pfeiffer, S. Mfg. Co., St. Louis, Mo.
 Phillips & Benjamin Co., Waterbury, Conn.
 Potter & Moore, Lavender House, London, England.
 Rohm & Hass, 930 Halstead St., Chicago, Ill.
 Sears, Roebuck and Co., Philadelphia, Pa.
 Shakespeare Co., Kalamazoo, Mich.
 Sharples Solvent Corp., 80 Jackson Blvd., Chicago, Ill.
 Skol Chemical Co., Inc., New York, N. Y.
 Snap Fly Dope Co., Springfield, Mass.
 Socony-Vacuum Oil Co., Van Buren St., Chicago, Ill.
 Solo Chemical Works, Inc., New York, N. Y.
 Stanco, Inc., Bayway, N. J.
 Stott, H. R., 3211 Woodland Ave., Philadelphia, Pa.
 Strong Cobb & Co., Inc., Cleveland, Ohio.
 Sunshine Products, Brooklyn, N. Y.
 Swastika Drug Co., Ltd., Swastika, Ont.
 Tanglefoot Co., Grand Rapids, Mich.
 U. S. Industrial Chemicals, Inc., 60 E. 42nd St., New York, N. Y.
 United Drug Co., Boston, Mass.
 Velsicol Corp., 3542 N. Kimball Ave., Chicago, Ill.
 Walgreen Co., Chicago, Ill.
 Wilson, Andrew, Inc., Springfield, N. J.
 Wisconsin Pharmacal Co., Milwaukee, Wisc.
 Zon, Inc., New York, N. Y.

RUBBER SUPPLIES

Acme Rubber Mfg. Co., 90 W. Broadway, New York, N. Y.
 Atlantic Mfg. Co., Wilmington, Del.
 Beacon Falls Rubber Shoe Co., Beacon Falls, Conn.
 Cambridge Rubber Co., 748 Main St., Cambridge, Mass.
 Diamond Rubber Co., Inc., Akron, Ohio.
 Goodrich, B. F., Akron, Ohio.
 Goodall Rubber Co., 7 South 36th St., Philadelphia, Pa.
 Goodyear Footwear Co., 44 Warren St., Providence, R. I.
 Goodyear Rubber Co., 85 Chambers St., New York, N. Y.
 Goodyear Rubber Products Corp., 144 Mulberry St., Newark, N. J.
 Hood Rubber Co., Inc., Watertown, Mass.
 Mishawaka Rubber & Woolen Mfg. Co., Mishawaka, Ind.
 Pioneer Rubber Mills, San Francisco, Calif.
 Servus Rubber Co., 328 Broadway, New York, N. Y.
 Snyder, M. L. & Son, Jasper St., Philadelphia, Pa.
 U. S. Rubber Co., 1230 Sixth Ave., New York, N. Y.

SECOND-HAND BOOK DEALERS

Barnes & Noble, Fifth Ave., New York, N. Y.
 Charter Rock, Livingston, N. J.
 Fiedler, Henry George, 31-33 E. 10th St., New York City.
 Nature Publishing Co., 1558 Park Ave., Indianapolis, Ind.
 Schmidt, G., 415 Woodland Ave., Leonia, N. J.
 Sherman, John D., Jr., 132 Primrose Ave., Mount Vernon, N. Y.
 Stechert, G. E. & Co., 31-33 East 10th St., New York City.

SPRAYERS, HAND AND POWER

BEAN, JOHN MFG. CO., LANSING, MICHIGAN.
 DOGGETT-PFEIL CO., SPRINGFIELD, NEW JERSEY.
 HARDIE, THE F. G. COMPANY, HUDSON, MICHIGAN.
 MYERS, F. E. & BRO. CO., ASHLAND, OHIO.
 SEACOAST LABORATORIES, INC., 156 PERRY ST., N. Y., N. Y.
 SMITH, D. B. & CO., UTICA, NEW YORK.
 Acemeline, Inc., Traverse City, Mich.

Aggeler & Musser Seed Co., 652 Matteo St., Los Angeles, Calif.
 Binks Mfg. Co., 3114 Carroll Ave., Chicago, Ill.
 Cambell & Budling, San Jose, Calif.
 Deming Co., Salem, Ohio.
 DeVilbiss Co., Toledo, Ohio.
 Dobbins Mfg. Co., No. St. Paul, Minn.
 Friend Mfg. Co., Gasport, N. Y.
 Frost Insecticide Co., Arlington, Mass.
 Fumeral Co., Racine, Wisc.
 Goulard & Olena, Inc., 140 Liberty St., New York, N. Y.
 Imperial Brass Mfg. Co., 1200 W. Harrison St., Chicago, Ill.
 Jaekh Mfg. Co., 3444 Colerain Ave., Cincinnati, Ohio.
 Lirio, P. E., Vineland, N. J.
 Los Angeles Chemical Co., 1960 Santa Fe Ave., Los Angeles, Calif.
 Lowell Sprayer Co., Lowell, Mich.
 Milwaukee Sprayer Mfg. Co., 2437 W. Fond du Lac Ave., Milwaukee, Wis.
 Peterson, Arthur D. Co., 420 Lexington Ave., New York, N. Y.
 Oakes Mfg. Co., The, Tipton, Ind.
 Roediger, Paul O., Princeton, N. J.
 Universal Metal Products Co., Lowell, Mich.
 Volume Sprayer Mfg. Co., Tulsa, Okla.
 Wilson, Andrew, Inc., Springfield, N. J.

TANKS, OIL STORAGE

Briggs Boiler Works Co., Akron, Ohio.
 Boyle Mfg. Co., 5100 Santa Fe Ave., Los Angeles, Calif.
 Caldwell, W. E. Co., Inc., Louisville, Ky.
 Columbia Steel Tank Co., Kansas City, Mo.
 Hamler Boiler & Tank Co., Chicago, Ill.
 Quaker City Tank Co., Philadelphia, Pa.

TOOLS, HAND

American Fork & Hoe, 1623 Euclid Ave., Cleveland, Ohio.
 Ames-Baldwin-Wyoming Co., Parkersburg, W. Va.
 Ames, Oliver & Sons, North Easton, Mass.
 Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
 Clark & Barlow Hardware Co., 123 W. Lake St., Chicago, Ill.
 Collins Co., Collinsville, Conn.
 Consolidated Wagon & Machine Co., Salt Lake City, Utah.
 Council Tool Co., Wauwatosa, Wisc.
 Emerson & Stevens Mfg. Co., Oakland, Maine.
 Federal Hardware, 447 Greenwich St., New York, N. Y.
 Geyer Mfg. Co., Rock Falls, Ill.
 Greenfield Tap & Die Corp., Greenfield, Mass.
 Hamlin Metal Products Co., 58 W. Exchange, Akron, Ohio.
 Hawkins Equipment Co., 1475 Thomas St., Memphis, Tenn.
 Hays Supply Co., Memphis, Tenn.
 Hibbard, Spencer, Bartlett, Chicago, Ill.
 King Axe & Tool Co., Oakland, Maine.
 Magor Car Corp., 50 Church St., New York, N. Y.
 Mann Edge Tool Co., Oakland, Maine.
 Nicholson File Co., Providence, R. I.
 Peavey Mfg. Co., Brewer, Maine.
 Peck Stow & Wilcox Co., Southington, Conn.
 Plumb Fayette, R., Inc., Philadelphia, Pa.
 Riechman Crosby Co., 223 Front St., Memphis, Tenn.
 Rixford Mfg. Co., Highgate, Vermont.
 Salt Lake Hardware & Machine Co., Salt Lake City, Utah.
 Sears, Roebuck and Co., Philadelphia, Pa.
 Snow & Nealley Co., Bangor, Maine.

Stanley Works, New Britain, Conn.
 Underhill Clinch & Co., 84 White St., New York, N. Y.
 Vaughan & Bushnell Mfg. Co., Chicago, Ill.
 Walker-Turner Co., Plainfield, N. J.
 Warren Axe & Tool, Warren, Pa.

TRAPS, MOSQUITO

HAUSSHER MACHINE WORKS, BAYVILLE, N. J.
 Lincoln Mfg. Co., New Brunswick, N. J.

UNDERWATER WEED CUTTERS

Hockney, C. L., Silver Lake, Wisc.

BIOGRAPHY

(Continued from Page Four)

Santee-Cooper project for the South Carolina Public Service Authority at Charleston.

Dr. Williams has been active in international malaria problems for a number of years. In 1923, he went to Europe as a member of a special committee of the League of Nations to study the malarious sections of Italy. In 1929, he represented the Public Health Service on the League of Nations interchange to India, where he had opportunities for seeing new and varied phases of the malaria problem. In April 1938, he was sent to San Juan, Puerto Rico, to conduct a survey of the sanitation and medical care problems in the island.

He was sent as an official delegate of the Public Health Service to the Third Joint International Congress for Tropical Medicine and Malaria, meeting Amsterdam, Netherlands, from September 24 to October 1, 1938. While in Europe, he spent some time on malaria investigations in London, England.

From November 1939 to June 1940, Dr. Williams headed a Commission to assist the Chinese in the investigation of malaria problems, particularly on the Burma-China border. The Chinese Government reported that the Commission's excellent work resulted in marked improvement in the organization and technique of malaria control in the Southwestern provinces of China. On his return to the United States, Dr. Williams reported to the Service on the epidemic diseases existing in China.

In November 1940, Dr. Williams was detailed as liaison officer to the U. S. Army Fourth Corps Area with headquarters in Atlanta, Georgia. In this capacity, he promoted general health and sanitation measures in extra-military areas. He was appointed to the rank of Medical Director on April 8, 1941.

Relieved from the post of liaison officer in April 1942, he was detailed to establish and administer an Office of Malaria Control in War Areas, with headquarters in Atlanta. This office works with the several State health departments to control production of malaria mosquitoes and reduce potential malaria transmission in extra-cantonment zones of military and essential war industrial areas.

At the request of the Secretary of War, Dr. Williams was assigned to the Medical Corps of the Army on July 9, 1943 to serve as Chief Malariologist of the North African and Mediterranean theatres of operation. Shortly after his arrival in North Africa, he suffered an attack of coronary disease and was hospitalized. Back in this country, he now is recuperating.

Dr. Williams served on the Committee on Medicine and Public Health of the Section of Tropical Diseases, New York World's Fair in 1939. He is a member of the Malaria Committee of the American Association for the Advancement of Science, the Sub-committee on Malaria of the Health Section of the League of Nations, and the Malaria Commission of the Pan American Sanitary Bureau.

He is the author of many papers on malaria control and other phases of public health.