

## Do You Know?

Crocodiles may be called present day relatives of the dinosaurs.

Sealed beam *auto headlight* lamps are used as landing lights for warplanes.

About 90% of all *salmon* caught by United States fishermen is taken in Alaska.

Some *desert plants* have a rapid growth to finish their growing cycle before the hot weather begins.

The quick-freezing of winter oysters began shortly before the present war; *frozen oysters* will probably be plentiful again in postwar days.

The electric *refrigerator* should stand three or four inches from the wall behind it and should have a ten-inch space above it to permit circulation of air so that the condenser coils may properly cool.



### RESISTANCE BOXES FOR MANY USES

These small, inexpensive Resistance Boxes, shown above in a Kelvin Bridge network, are suitable for commercial-power frequency, a-c as well as d-c. They are made in seven sizes; three 2-dial boxes having total resistance of 99,990 and 9900 ohms resp; two 3-dial boxes of 999 and 9990 ohms resp; two 4-dial boxes of 9999 and 999.9 ohms resp. Prices range from \$21.00 to \$35.00.

The Standard Resistor used is our Reichsanstalt type, designed for low-resistance measurements and for accurate determinations of current with a potentiometer. They are made in 3 values; 0.1 ohm at \$50.00, 0.01 ohm at \$55.00 and 0.001 ohm at \$120.00.

The Galvanometer employed is our No. 2420 Enclosed Lamp and Scale, popular for measurements of moderately high sensitivity. Its price is \$40.00.

All these instruments are described in our Publication "Modern Precision", Vol. 4, No. 1.

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## Books of the Week

THE ABC OF PHYSICS—Jerome S. Meyer—*Dial Press, Inc.*, 346 p., illus., \$3.50.  
 AMERICAN PHILOSOPHICAL SOCIETY, PROCEEDINGS, Oct. 18, 1944—*Am. Philosophical Soc.*, 357 p., paper, illus., \$1, (Vol. 88, No. 4).  
 A. S. T. M. STANDARDS ON TEXTILE MATERIALS—A. S. T. M. Committee D-13—*Am. Soc. for Testing Materials*, 473 p., paper, illus., \$2.75.  
 A COURSE IN THE FUNDAMENTALS OF MECHANICS—Morton C. Mott-Smith and Marjorie Van de Water—*Infantry Journal*, 188 p., illus., paper, 25c.  
 DAMNED TO GLORY—Robert L. Scott, Jr.—*Scribner*, 228 p., \$2.50.  
 DELAWARE'S BURIED PAST, Story of Archaeological Adventure—C. A. Weslager—*Univ. of Pa. Press*, 170 p., illus., \$2.50.  
 INTRODUCTION TO MATHEMATICAL LOGIC, Part I—Alonzo Church—*Princeton Univ. Press*, 118 p., paper, \$1.75.  
 THE LITERARY MARKET PLACE, 1944—

*Bowker*, 113 p., paper, \$2., 4th ed.  
 LOOK TO THE FRONTIERS, a Geography for the Peace Table—Roderick Peattie—*Harper*, 246 p., illus., \$3.  
 PLASTIC MOLDING AND PLANT MANAGEMENT—D. A. Dearle—*Chemical Pub.*, 196 p., illus., \$3.50.  
 PRODIGAL GENIUS, the Life of Nikola Tesla—John J. O'Neill—*Washburn*, 326 p., illus., \$3.75.  
 RE-EDUCATION IN A NURSERY GROUP, A STUDY IN CLINICAL PSYCHOLOGY—Ruth Wendell Washburn—*Nat. Research Council*, 175 p., paper, illus., \$2, (Monographs of the Soc. for Research in Child Development, Vol. IX, No. 2).  
 THOMAS JEFFERSON AND THE SCIENTIFIC TRENDS OF HIS TIME—Charles A. Browne—*Chronica Botanica*, 423 p., paper, illus., \$1.25, (*Chronica Botanica*, Vol. 8, No. 3).  
 TRICHINOSIS—Sylvester E. Gould—C. C. Thomas, 356 p., illus., \$5.  
*Science News Letter, November 18, 1944*

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finished the job on either the big or the little new turkey—they can always see room for improvement, anyway. They think there's still a chance to increase the proportion of white meat, and to decrease the time it takes to plump the birds up for market.

From the raiser's point of view, there's the important problem of hatchability of the eggs to consider. Turkey eggs have always had lower fertility and hatchability than those of other domestic fowl; the new strains have been brought to a point where eight out of every ten eggs put in the incubator will produce a turkey chick—a really good score.

Under wartime conditions, feeding the turkeys has presented problems for the poultry nutritionist. Dried skimmilk, once the standard source for high-quality protein feed, has been diverted to direct human use to a tremendous extent. A satisfactory replacement has been found in soybean protein. Vitamins for the enrichment of the young turk's diet have had to be obtained from new sources, too: one has been a by-product of industrial alcohol fermentation, itself vastly increased to supply war industries.

Present fighting in the Danube valley, and the Balkans generally, carries us into another part of the turkey's story—the apparent historical background of its name. For although the turkey is a strictly American bird, its name seems to have become attached to it in this alien quarter of the globe, back in the days when much of the Danubian country and all of the Balkan peninsula were in-

cluded in the Turkish empire.

Such American products as the turkey, corn, pumpkin and navy beans did not find their way directly from Spain into northwestern Europe, during the early days of discovery and exploration. The Turks got them from the Spaniards and carried them into the rich farm area of the lower Danube. From there they worked their way into the German and Italian lands, (*Turn to page 344*)

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