INDEX

Chinese foods, some, complex carbohydrates of Chittenden, Russell Henry, February 18, 1856-December 26, 1943. An appreciation 3

Cholesterol deposition in the aorta, ineffective- ness of vitamin E in preventing... 289

Choline and pyridoxine content of meats 219

Chronie thiamine deficiency in pigs, absence of nerve degeneration in 283

Clifford, La Vere R. The nutritive value of canned foods. I. Introduction and sampling procedure 101

Complex carbohydrates of some Chinese foods, Composition of diet on riboflavin requirement of rat, effect of... 141

Compounds, phosphorus, fractionation of, in certain vegetables 269

Concentrates, tissue, effect of, on blood level of this vitamin to, and to histology of incisor teeth in the guinea pig. 347

Consolazio, Frank C. See Darling, Johnson, Pitts, Consolazio and Robinson 273

Cooking methods, institutional, effect of, on thiamine content of potatoes... 255

Cotton rat, dental caries in. I. Methods of... 407

Cottonseed, soybean, and peanut flours, protein in whole soybeans, soybean flour, canned foods... 431

DAM BENNEK. Ineffectiveness of vitamin E in preventing cholesterol deposition in the aorta. 289

Daventorte, Mary T. See Forbes, Swift, Mclntire, Sehweigert, Mclntire, Elvehjem and Phillips 273

Davis, R. See Dentón, Cabell. Bastron 123

Davis, Russell. See Dentón, Cabell. Bastron 255

Deficiency, chronic thiamine, in pigs, absence of nerve degeneration in riboflavin, food utilization and appetite 157

Deficient diet, vitamin E toxicity of fractions of hog liver fatty acids to chicks fed. Degeneration, nerve, in chronic thiamine de- ficiency, absence of, in pigs. Dental caries in the cotton rat*. I. Methods of study and preliminary nutritional experi- ments 283

Dentons, C. A. A. Carell, Harry Barton and Russell Davis. The effect of spray-drying and the subsequent storage of the dried product on the vitamin A, D, and riboflavin content of eggs 421

Deuel, Harry J., Jr. See Eshoff and Deuel 255

Deuel, J. P. See Breslauer and Eheart 41

Dog foods, certain baked, and wheat gluten 333

Diet(s), vitamin E deficient, toxicity of fractions of hog liver fatty acids to chicks fed... 297

Dietary anemia in the pigeon 395

Dietary in the pigeon 395

Dietary in the pigeon 395

Dietary in the pigeon 395

Dietary in the pigeon 395

Dietary in the pigeon 395

Distribution of water-soluble vitamins between solid and liquid portions of canned vegeta- tables and fruits. Nutritive value of canned foods. V... 131

Dried product, subsequent storage of, on the vitamin A, D, and riboflavin content of eggs, and effect of spray-drying... 421

Nutritional significance of inositol 305

Effect(s) of feed on the critical temperature for the albino rat... 399

Efficiency, muscular, and endurance, effect of thiamine depletion and restoration on muscular efficiency and endurance... 241

Experiments, preliminary nutritional. and the subsequent storage of the dried product on the vitamin A, D, and riboflavin content of eggs... 423

Editorial review. The Atwater system of calculating the caloric value of dietary anemia in the pigeon 395

Endurance and muscular efficiency, effect of thiamine depletion and restoration on muscular efficiency and endurance... 241

Experiments, preliminary nutritional, and methods of study. Dental caries in the cotton rat... 333
INDEX

457

FAIT, dietary, and linoleic acid, role of, in 81
  or carbohydrate, high intake of, effect of. 81
  Utilization of thiamine in human subject 297
  Fatty acids, hog liver, toxicity of fractions of, to chicks fed a vitamin E deficient diet. 297
  Feed, effect of, on critical temperature for 359
  Flour, soybean, whole soybeans, and soybean milk, digestibility and biological value of 209
  — wheat gluten, and certain baked dog foods, canine hysteria produced by feeding study of 41
  Four, soybean, peanut, and cottonseed, protein nutritional value of, and their value as supplements to wheat flour 203
  Folic acid and biotin deficiencies in the mouse 157
  Follis, Richard H., Jr., Harper, A., Follis, Humphrey, Stein and Lauritsen 283
  Food utilization and appetite in riboflavin deficiency 107
  Foods, canned, nutritive value of. II. Ascorbic acid and carotene or vitamin A content. 313
  — of water soluble vitamins between solid and liquid portions of canned vegetables and fruits 131
  — and sampling procedure 101
  — and pantothenic acid 123
  and niacin 117
  - certain baked dog foods and wheat glutinous flour, study of 431
  effect of institutional cooking methods on 189
  Fractionation of phosphorus compounds in certain vegetables 269
  Fractions of hog liver fatty acids, toxicity of, to chicks fed a vitamin E deficient diet 297
  FREE, ALBERT H. See Leonards and Free 197
  FRENCH, CYRUS E., GEORGE H. BERRYMAN, JOHN T. GOORLEY, HABOLD A. HARPER. Studies of unidentified feeding methods on vitamin content of. I. The thiamine content of some Chinese complex carbohydrates of soybean protein in wheat gluten, and certain baked dog foods, canine hysteria produced by feeding, study of 41
  FORBES, ERNEST B., RAYMOND W. SWIFT, LAWRENCE P. MARCY AND MARY T. DAVENPORT. Protein intake and heat production from phosphen compounds in certain vegetables 269
  Fractions of hog liver fatty acids, toxicity of, to chicks fed a vitamin E deficient diet 297
  FRED, ALFRED H. See Leonards and Free 197
  FRENCH, CYRUS E., GEORGE H. BERRYMAN, JOHN T. GOORLEY, HABOLD A. HARPER, DAVID M. HARENSKES AND EDWARD J. TRACKER. The production of vitamins in germinated peas, soybeans and other legumes. VI. Riboflavin content of, in rat, intestinal absorption of, as affected by suboptimal intakes of thiamine 107
  Fractionation of phosphorus compounds in certain vegetables 269
  Fractionation of phosphorus compounds in certain vegetables 269
  Fructose, glucose, and galactose, effects of, on respiratory exchange of the goat 71
  Fruits and vegetables, canned, nutritive value of, and sampling procedure 131
  Further studies on the vitamin C metabolism of preschool children 93

GALACTOSE, glucose, and fructose, effects of, on respiratory exchange of the goat 71
  Fruits and vegetables, canned, nutritive value of, and sampling procedure 131
  Germinated peas, soybeans, and other beans, production of vitamins in 63
  Glucose, fructose, and galactose, effects of, on respiratory exchange of the goat 71
  Glutin flour, wheat, and certain baked dog foods, canine hysteria produced by feeding, study of 431
  Goat, respiratory exchange of, effects of glucose, fructose, and galactose on 71
  GOODELL, JOHN T. See French, Berryman, and Goode, A. and H. HARPER, HARKNESS and Thacker 63
  GOODELL, JOHN T., H. HARPER, HARKNESS and Thacker 63
  GRAF, CHARLES R., AND HERMAN J. ALMQVIST. Requirement of tryptophane by the 263
  - See Almqvist and Grau 325
  Green, wild, vitamin C content of 427

Guinea pig, incisor teeth in, histology of, relation of blood level of ascorbic acid to tissue concentrations of this vitamin and to 347
  pigs, vitamin C level of blood plasma in 89

HALLIDAY, EVELYN G. See Brush, HINMAN and Halliday 331
  HARENSKES, DAVID M. See French, Berryman, Goode, A., and H. HARPER, HARKNESS and Thacker 63
  HARPER, HAROLD A. See French, Berryman, Goode, A., and H. HARPER, HARKNESS and Thacker 63
  HATHAWAY, MILICENT L. See Meyer and Halliday 93
  Heat production and protein intake 189
  Hen eggs, thiamine content of, during incubation 235
  HERBST, EDWARD J. See McElhinney, T. HERBERT AND ElvEnstein 35
  HIEBER, GUSTAVE F. See Hill, Norris, and HUHRER 175
  HILL, FREDERICK W., LEO C. NORMAN AND GUSTAVE F. HUEBER. Studies of unidentified feeding methods on vitamin content of. I. The thiamine content of some Chinese complex carbohydrates of soybean protein in wheat gluten, and certain baked dog foods, canine hysteria produced by feeding, study of 41
  HOGAN, ALBERT G. See McRoberts and Hogan 165
  Human subject, utilization of thiamine in effect of high intake of carbohydrate or of fat 51
  HUMPHREYS, STEWART. See WINTROPE, POLLIS, HUMPHREYS, Stein and Lauritsen 283
  Hypercalcemia, production of, with small amounts of vitamin D 7
  Hysteria, canine, produced by feeding certain baked dog foods and wheat glutinous flour, study of 431

INADEQUACY of lactose ad beta-lactose as dietary carbohydrates for the rat 225
  Incisor teeth, histology of, in the guinea pig, relation of blood level of ascorbic acid to tissue concentrations of this vitamin and to 347
  Incubation, thiamine content of hen eggs during 235
  Inducement, thiamine content of 189
  Independent effectiveness of vitamin E in preventing cholesterol deposition in the aorta 289
  Influence on the cellular contents of the vagina of rats, biological assay of vitamin A by means of 365
  Inositol, nutritional significance of, editorial review 305
  Institutional cooking methods, effect of, on vitamin content of foods. I. The thiamine content of potatoes 255
  Intake, high, of carbohydrate or fat, effect of. Utilization of thiamine in human subject 51
  protein, and heat production 189
  Intestinal absorption of galactose in the rat as affected by suboptimal intakes of thiamine 197
  Introduction and sampling procedure. Nutritional value of vitamins between. 1
  Introduction and sampling procedure. Nutritional value of vitamins between. 1
  Inward and suboptimal intakes of thiamine 197
  IV. Riboflavin content of, in rat, intestinal absorption of, as affected by suboptimal intakes of thiamine 197
  JONES, JAMES H. The production of hypercalcemia with small amounts of vitamin 41
  KAREL, LEONARD, AND C. W. CHAPMAN. The vitamin C level of blood plasma in guinea pigs 89
460

INDEX

TELFOBD, IRA R. See Kuether, Telford and Roe 347

Temperature, critical, effect of feed on, for albino rat 359

THACKBR, EDWARD J. See French, Berryman, Goodey, Harper and Thacker 63

Thiamine and niacin. Nutritive value of canned foods. III 117

— potatoes. Effect of institutional cooking methods on vitamin content of foods. I 255

— deficiency, chronic, in pigs, absence of nerve degeneration in 283

— depletion and restoration, effect of, on muscular efficiency and endurance 241

— suboptimal intakes of, intestinal absorption of galactose in the rat as affected by utilisation of, in the human subject: effect of high intake of carbohydrate or of fat 51

THOMAS, JOHN W. See Loosli, Lingenfelt, Thomas and Maynard 81

THOMAS, WILLIAM P. See Scrimshaw, Thomas, McKibben, Sullivan and Wells 235

THOMPSON, MARY L., MARY E. CUNNINGHAM AND ESMOND E. SNELL. The nutritive value of canned foods. IV. Riboflavin and pantothenic acid 123

Tissue concentrations of ascorbic acid, relation of blood level of this vitamin to, and to histology of incisor teeth in the guinea pig 347

Variations in the ascorbic acid requirements for saturation of ten normal young women 413

Variety meats, vitamin content of 35

VAGINA of rats, cellular content of, biological assay of vitamin A by means of its influence on 365

Water soluble vitamins, distribution of, between solid and liquid portions of canned vegetables and fruits. Nutritive value of canned foods. V 131

WAGNER, JOSEPH R. AND CONRAD A. ELVHEJEM. A study of canine hysteria produced by feeding certain baked dog foods and wheat gluten flour, further studies on 431

— See Ives, Wagner, Elvehjem and Strong 117

Weir, Clara E. See Wertz and Weir 255

WELLS, K. C. See Scrimshaw, Thomas, McKibben, Sullivan and Wells 235

WERTZ, ANNE W., AND CLARA E. WEIR. The effect of institutional cooking methods on the vitamin content of foods. I. Thiamine content of potatoes 297

— unidentified, studies of, required by chick 175

— water soluble, distribution of, between solid and liquid portions of canned vegetables and fruits. Nutritive value of canned foods. V 131

Wheat flour, protein nutritional value of soybean, peanut, and cottonseed flours and their value as supplements to gluten flour and certain baked dog foods, canine hysteria produced by feeding, study of 431

WILLS, GORDON. See Pugsley, Wills and Crandall 365

WINTSOKE, MAXWELL M., RICHARD H. FOLK JR., SYWALOSA HERRICKS, HAROLD J. STEIN AND MARJORIE LAURITSEN. Absence of nerve degeneration in chronic thiamine deficiency in pigs 283

WOOLLEY, DILWORTH W. Editorial Review. The nutritional significance of inositol 305

Women, ten normal young, variations in ascorbic acid requirements for saturation of 413