

INDEX

Acetyl-choline, choline and nicotine, action of morphine and its derivatives on contractions of leech muscle due to	228
Age, Relationship between action of atropine and morphine and	14
Alkylaryl ureas, Some unsymmetrical. II. Preparation, physical properties and hypnotic effects	369
Anahaemin and other substances, Haematopoietic response of "reactive" guinea pigs to	245
—, Use of standard guinea pigs in assay of	235
Anesthetizing chimpanzees, Methods of	347
Aspirin poisoning, Investigation of possible protective action of calcium gluconate in	224
Atropine and syntropan: comparative study	1
—, Relationship between age and action of morphine and	14
Barbiturates, several ultrashort-acting, nembital, and tribromethanol, Comparative study of	189
—, Studies on sex-difference in rats in tolerance to nicotine and to certain . .	323
Barbour, Henry G., and Porter, Janet A. Investigation of possible protec- tive action of calcium gluconate in aspirin poisoning	224
Barrie, M. M. O. Reticulocytosis in guinea pig. I. Use of standard guinea pigs in assay of anahaemin	235
—, Reticulocytosis in guinea pig. II. Haematopoietic response of "re- active" guinea pigs to anahaemin and other substances	245
Benzedrine (phenylisopropylamine), On pharmacology of	56
Bladder contracting, uterine stimulating, and depressor activities in extracts of submaxillary gland of rat	407
Blood pressure, heart and respiratory system, Effects of anesthetic doses of sodium thio-pentobarbital, sodium thio-ethamyl and pentothal sodium upon, in experimental animals	143
Boyd, Eldon M. Pharmacology of meta-synephrin	174
Brundage, John T., and Gruber, Charles M. Study of toxic and anesthetic properties of sodium n-hexylethyl barbiturate (ortal sodium) in experimental animals	439
Buck, Johannes S., Hjort, Axel M., de Beer, Edwin J., Ferry, Clayton W., and Ide, Walter S. Some unsymmetrical alkylaryl ureas. II. Prepara- tion, physical properties and hypnotic effects	369
Calcium, Analysis of cardiac irregularities produced by, and their prevention by sodium amytal	425
— cresotate, Studies on. II. "In vitro" comparative study of efficiency of calcium cresotate, calcium guaiaicolate and creosote as bactericidal agents	178

- Calcium creosote, Studies on. III. Elimination of volatile phenols in rabbit urine after administration of "calcium creosote solution" and after creosote solution..... 183
- gluconate, Investigation of possible protective action of, in aspirin poisoning..... 224
- guaiacolate, calcium creosote and creosote, "In vitro" comparative study of efficiency of, as bactericidal agents..... 178
- Cardiac irregularities produced by calcium, Analysis of, and their prevention by sodium amytal..... 425
- Carpenter, Thorne M., and Lee, Robert C. Effect of fructose on metabolism of ethyl alcohol in man..... 286
- , and Lee, Robert C. Effect of galactose on metabolism of ethyl alcohol in man..... 254
- , and Lee, Robert C. Effect of glucose on metabolism of ethyl alcohol in man..... 264
- Chimpanzees, Methods of anesthetizing..... 347
- Choline, acetyl-choline and nicotine, Action of morphine and its derivatives on contractions of leech muscle due to..... 228
- Circulation, coronary, Studies on. V. Effect of pyridine- β -carboxylic acid diethylamide (coramine) and pentamethylenetetrazol (metrazol) on coronary circulation..... 396
- Circulatory failure associated with guanidine intoxication..... 32
- Coramine and metrazol, Effect of, on coronary circulation..... 396
- Creosote, calcium creosote and calcium guaiacolate, "In vitro" comparative study of efficiency of, as bactericidal agents..... 178
- solution, Elimination of volatile phenols in rabbit urine after administration of "calcium creosote solution" and after..... 183
- Curare substitute, possible, Actions of *Erythrina americana*..... 69
- de Beer, Edwin J., Buck, Johannes S., Hjort, Axel M., Ferry, Clayton W., and Ide, Walter S. Some unsymmetrical alkylaryl ureas. II. Preparation, physical properties and hypnotic effects..... 369
- Detrick, L. E., Millikan, Ralph, Modern, F. S., and Thienes, C. H. On pharmacology of phenylisopropylamine (benzedrine)..... 56
- Dodd, M. C., Gruhzt, O. M., Dox, A. W., and Rowe, L. W. Pharmacologic study of certain thiobarbiturates..... 125
- Dogs with guanidine intoxication, Effect of continuous venoclysis in..... 45
- Dox, A. W., Gruhzt, O. M., Rowe, L. W., and Dodd, M. C. Pharmacologic study of certain thiobarbiturates..... 125
- Elder, J. H. Methods of anesthetizing chimpanzees..... 347
- Ephedrine, Effect of, on absorption from small intestine..... 434
- Erythrina americana*, Actions of, possible curare substitute..... 69
- Ethyl alcohol, Effect of fructose on metabolism of, in man..... 286
- alcohol, Effect of galactose on metabolism of, in man..... 254
- alcohol, Effect of glucose on metabolism of, in man..... 264
- Fellows, Edwin J. Studies on calcium creosote. II. "In vitro" comparative study of efficiency of calcium creosote, calcium guaiacolate and creosote as bactericidal agents..... 178

Fellows, Edwin J. Studies on calcium creosotate. III. Elimination of volatile phenols in rabbit urine after administration of "calcium creosotate solution" and after creosote solution.....	183
Ferry, Clayton W., Buck, Johannes S., Hjort, Axel M., de Beer, Edwin J., and Ide, Walter S. Some unsymmetrical alkylaryl ureas. II. Preparation, physical properties and hypnotic effects.....	369
Frazer, A. M. Alleged antidiuretic action of pigmentary hormones of pituitary gland.....	82
— Diuretic action of oxytocic hormone of pituitary gland and its effect on assay of pituitary extracts.....	89
Fromherz, K. Atropine and syntropan: comparative study.....	1
Fructose, Effect of, on metabolism of ethyl alcohol in man.....	286
Galactose, Effect of, on metabolism of ethyl alcohol in man.....	254
Ginsberg, A. M., and Stoland, O. O. Studies on coronary circulation. V. Effect of pyridine- β -carboxylic acid diethylamide (coramine) and pentamethylenetetrazol (metrazol) on coronary circulation.....	396
Glucose, Effect of, on metabolism of ethyl alcohol in man.....	264
Gruber, Charles M. Effects of anesthetic doses of sodium thio-pentobarbital, sodium thio-ethamyl and pentothal sodium upon respiratory system, heart and blood pressure in experimental animals.....	143
—, and Brundage, John T. Study of toxic and anesthetic properties of sodium n-hexylethyl barbiturate (ortal sodium) in experimental animals.....	439
Gruhzit, O. M., Dox, A. W., Rowe, L. W., and Dodd, M. C. Pharmacologic study of certain thiobarbiturates.....	125
Guanidine intoxication, Circulatory failure associated with.....	32
— intoxication, Effect of continuous venoclysis in dogs with.....	45
Guinea pig, Reticulocytosis in.....	235, 245
Haematopoietic response of "reactive" guinea pigs to anahaemin and other substances.....	245
Heart, respiratory system and blood pressure, Effects of anesthetic doses of sodium thio-pentobarbital, sodium thio-ethamyl and pentothal sodium upon, in experimental animals.....	143
Hjort, Axel M., Buck, Johannes S., de Beer, Edwin J., Ferry, Clayton W., and Ide, Walter S. Some unsymmetrical alkylaryl ureas. II. Preparation, physical properties and hypnotic effects.....	369
Hoff, H. E., and Nahum, L. H. Analysis of cardiac irregularities produced by calcium, and their prevention by sodium amytal.....	425
Holek, Harald G. O., Kanán, Munfr A., Mills, Lucille M., and Smith, Edwin L. Studies on sex-difference in rats in tolerance to certain barbiturates and to nicotine.....	323
Hormone, oxytocic, of pituitary gland, Diuretic action of, and its effect on assay of pituitary extracts.....	89
Hormones, pigmentary, of pituitary gland, Alleged antidiuretic action of....	82
Ide, Walter S., Buck, Johannes S., Hjort, Axel M., de Beer, Edwin J., and Ferry, Clayton W. Some unsymmetrical alkylaryl ureas. II. Preparation, physical properties and hypnotic effects.....	369

Insulin treatment of morphine abstinence symptoms	387
Intestine, small, Effect of ephedrine on absorption from	434
Kanán, Muntr A., Holck, Harald G. O., Mills, Lucille M., and Smith, Edwin L. Studies on sex-difference in rats in tolerance to certain barbiturates and to nicotine	323
Keller, Margaret, and Minot, A. S. Circulatory failure associated with guanidine intoxication	32
—, and Minot, A. S. Effect of continuous venoclysis in dogs with guanidine intoxication	45
Koepf, George F., and Mezen, J. F. Uterine stimulating, depressor, and bladder contracting activities in extracts of submaxillary gland of rat	407
Lee, Robert C., and Carpenter, Thorne M. Effect of fructose on metabolism of ethyl alcohol in man	286
—, and Carpenter, Thorne M., Effect of galactose on metabolism of ethyl alcohol in man	254
—, and Carpenter, Thorne M. Effect of glucose on metabolism of ethyl alcohol in man	264
Leech muscle, Action of morphine and its derivatives on contractions of, due to acetyl-choline, choline and nicotine	228
Lehman, A. J. Actions of <i>Erythrina americana</i> , possible curare substitute	69
—, and Newman, H. W. Propylene glycol: rate of metabolism, absorp- tion, and excretion, with method for estimation in body fluids	312
Le Messurier, D. H., Marshall, E. K., Jr., and Walzl, Edward M. Picrotoxin as respiratory stimulant	472
Lillie, R. D., Smith, M. I., and Stohlman, E. F. Toxicity and pathology of selenium	449
Loman, Julius, Myerson, Abraham, Rinkel, Max, and Myerson, Paul. Human autonomic pharmacology. X. Synergism of prostigmin and mecholyll	296
Marrian, Guy Frederic, Odell, Arthur Duston, and Skill, Dorothy Irene. Oestrogenic potency of orally administered oestriolglucuronide	420
Marshall, E. K., Jr., Walzl, Edward M., and Le Messurier, D. H. Picrotoxin as respiratory stimulant	472
Marx, Walter, and Peck, Samuel M. Chemical studies on moccasin venom. I. Some properties of hemorrhagic and hemolytic components	358
Mecholyl and prostigmin, Synergism of	296
Meta-synephrin, Pharmacology of	174
Metrazol and coramine, Effect of, on coronary circulation	396
Mezen, J. F., and Koepf, George F. Uterine stimulating, depressor, and bladder contracting activities in extracts of submaxillary gland of rat	407
Millikan, Ralph, Detrick, L. E., Modern, F. S., and Thienes, C. H. On pharmacology of phenylisopropylamine (benzedrine)	56
Mills, Lucille M., Holck, Harald G. O., Kanán, Muntr A., and Smith L. Studies on sex-difference in rats in tolerance to certain barbiturates and to nicotine	323
Minot, A. S., and Keller, Margaret. Circulatory failure associated with guanidine intoxication	32

Minot, A. S., and Keller, Margaret. Effect of continuous venoclysis in dogs with guanidine intoxication.	45
Miotine, dextro- and laevo-Pharmacological and toxic actions of.	198
Moccasin venom, Chemical studies on. I. Some properties of hemorrhagic and hemolytic components.	358
Modern, F. S., Detrick, L. E., Millikan, Ralph, and Thienes, C. H. On pharmacology of phenylisopropylamine (benzedrine).	56
Morphine abstinence symptoms, Insulin treatment of.	387
— and its derivatives, Action of, on contractions of leech muscle due to acetyl-choline, choline and nicotine.	228
—, Relationship between age and action of atropine and.	14
Myerson, Abraham, Rinkel, Max, Loman, Julius, and Myerson, Paul. Human autonomic pharmacology. X. Synergism of prostigmin and mecholyl.	296
Myerson, Paul, Myerson, Abraham, Rinkel, Max, and Loman, Julius. Human autonomic phramacology. X. Synergism of prostigmin and mecholyl.	296
Nahun, L. H., and Hoff, H. E. Analysis of cardiac irregularities produced by calcium, and their prevention by sodium amytal.	425
Nembutal, tribromethanol, and several ultrashort-acting barbiturates, Comparative study of.	189
Newman, H. W., and Lehman, A. J. Propylene glycol: rate of metabolism, absorption, and excretion, with method for estimation in body fluids.	312
Nicotine, acetyl-choline and choline, Action of morphine and its derivatives on contractions of leech muscle due to.	228
—, Studies on sex-difference in rats in tolerance to certain barbiturates and to.	323
Northup, David, Van Liere, Edward J., and Sleeth, Clark K. Effect of ephedrine on absorption from small intestine.	434
Odell, Arthur Duston, Skill, Dorothy Irene, and Marrian, Guy Frederic. Oestrogenic potency of orally administered oestriolglucuronide.	420
Oestriolglucuronide, orally administered, Oestrogenic potency of.	420
Oestrogenic potency of orally administered oestriolglucuronide.	420
Ortal sodium, Study of toxic and anesthetic properties, in experimental animals.	439
Oxytocic hormone of pituitary gland, Diuretic action of, and its effect on assay of pituitary extracts.	89
Peck, Samuel M., and Marx, Walter. Chemical studies on moccasin venom. I. Some properties of hemorrhagic and hemolytic components.	358
Pentamethylenetetrazol (metrazol) and pyridine- β -carboxylic acid diethylamide (coramine), Effect of, on coronary circulation.	396
Pentothal sodium, sodium thio-pentobarbital and sodium thio-ethanyl, Effects of anesthetic doses of, upon respiratory system, heart and blood pressure in experimental animals.	143
Phenols, volatile, Elimination of, in rabbit urine, after administration of "calcium creosotate solution" and after creosote solution.	183

Phenylisopropylamine (benzedrine), On pharmacology of.....	56
Picrotoxin as respiratory stimulant.....	472
Pituitary gland, Alleged antidiuretic action of pigmentary hormones of....	82
— gland, Diuretic action of oxytocic hormone of, and its effect on assay of pituitary extracts.....	89
Porter, Janet A, and Barbour, Henry G. Investigation of possible protective action of calcium gluconate in aspirin poisoning.....	724
Pratt, T. W., Werner, H. W., and Tatum, A. L. Comparative study of several ultrashort-acting barbiturates, nembutal, and tribromethanol.....	189
Proceedings of American Society for Pharmacology and Experimental Therapeutics, Incorporated. Twenty-eighth annual meeting.....	97
Effect of sodium ethyl mercuri-thiosalicylate (Merthiolate) on <i>M. leprae</i> <i>muris</i> . Hamilton H. Anderson and Fumiko Murayama.....	97
Guanidinemia after repeated treatment with arsphenamine and neoar- sphenamine in rabbits. Jerome E. Andes, Fabry L. Hawk and G. A. Emerson.....	97
Stimulation of metabolism in mice by continued administration of 40 per cent deuterium oxide. H. G. Barbour and Lillie E. Rice.....	97
Pharmacology of human prostatic secretion. Roger O. Barnes and C. H. Thienes.....	98
Pharmacological action of new type of dermatological preparation. R. Beutner.....	98
Clinical study of picrotoxin-barbiturate antagonism. W. J. Bleckwenn, Mabel G. Masten and A. L. Tatum.....	99
Effects of deuterium oxide on melanophores. S. B. Bogdanovitch and H. G. Barbour.....	99
Estrus and reproduction in white rat as influenced by chronic nicotine- ism. Florence Buel, Walter Buel, Fred Fielding, Dana Little, Morris Little and C. H. Thienes.....	100
Hydrolysis of salts of barbituric acids as related to rate of onset of anesthesia. Milton T. Bush.....	100
Average lethal dose of nembutal (pentobarbital sodium) for young and old rats. Emmett B. Carmichael.....	101
Action of ouabain on skeletal muscle. McKeen Cattell.....	101
Capillary blood sugar changes after caffeine. R. H. Cheney.....	102
Use of picrotoxin as antidote for luminal poisoning. Seymour J. Cohen and Richard Kohn.....	102
Study of diuretic efficiency of oral isotonic and hypotonic NaCl solutions in dog and man. Julius M. Coon, R. O. Noojin and Carl Pfeiffer....	103
Potentialiation of spinal anesthetic action of procaine HCl in the rabbit by mixtures of magnesium chloride, calcium chloride and sodium chloride. Raymond W. Cunningham and Raymond N. Bieter....	103
What dosage should be used in practical evaluation of comparative toxicity of two substances? W. T. Dawson and J. R. Little.....	104
Gastric ulceration produced in rats by oral and subcutaneous aspirin. Virginia Dickerson and H. G. Barbour.....	104
Further observations on peptone shock. Carl A. Dragstedt and Franklin B. Meade.....	105

Analgesic and other effects of some carbazoles. Nathan B. Eddy.....	105
Observations on water soluble constituents of calcium creosotate. Edwin J. Fellows.....	105
Effect of aging upon potency of digitalis tinctures: Further studies. R. H. K. Foster.....	106
Retention and utilization of orally administered iron and some factors influencing these results. W. M. Fowler and Adelaide P. Barer.....	106
Effect of histamine on salivary secretion. O. S. Gibbs and H. H. McClanahan.....	107
Effect of aminophylline on size of infarct in experimental coronary occlusion. Harry Gold, Janet Travell and Walter Modell.....	107
Effects of acetyl-betamethyl-choline (mecholy) on gastric pouches of dogs. Louis S. Goodman and Philip A. Bearg.....	108
New experiments on some old cathartics. G. Philip Grabfield.....	108
Comparison of responses of smooth muscle to dl- β -(3,4-dihydroxyphenyl)- β -hydroxy-ethylamine (arterenol), l-epinephrine, and "liver sympathin." I. Responses of smooth muscle of iris and of vascular smooth muscle. C. M. Greer, J. O. Pinkston, J. H. Baxter, Jr., and E. S. Brannon.....	108
Response of vagus nerve to electrical excitation following intravenous injections of barbiturates, thio-barbiturates and picrotoxin. Charles M. Gruber, Charles M. Gruber, Jr., and Victor Collossi.....	109
Radiological, clinical and experimental studies of angina pectoris. D. E. Jackson, Russell N. Speckman and Helen L. Jackson.....	110
Influence of atropine and eserine on adrenalin secretion caused by calcium chloride and potassium chloride. Gerhard Katz and Gertrud Katz.....	110
Effect of brominated ethylenes on perfused leg vessels of frog. John C. Krantz, Jr., C. Jelleff Carr, Sylvan Forman and Wm. G. Harne.....	111
Further evidences of oral bismuth actions. P. J. Hanzlik, A. J. Lehman, and W. Van Winkle.....	111
Experimental study of furfuryl-trimethyl ammonium iodide. A. E. Livingston.....	111
Effect of cigarette smoke on tracheal cilia. W. L. Mendenhall and K. E. Shreeve.....	111
Intravenous boric-acid poisoning in man. A. R. McIntyre and J. C. Burke.....	112
Sodium formaldehyde sulphoxalate in experimental poisoning by mercuric chloride. Walter Modell, Harry Gold, Griffith J. Winthrop and Ellen B. Foot.....	113
Effect of anterior pituitary growth hormone on root lengths of seedlings of lupinus albus. Fumiko Murayama, Charles Gurchot and O. E. Guttentag.....	113
Variations in the toxicity of morphine sulphate due to diet and Meteorological environment. A. J. Nedzel.....	114
Absorption of nicotine in cigarette smoking. I. H. Pierce.....	114
Effect of certain antiseptic agents on nitrate reduction by B. coli. N. M. Phatak, B. E. Abreu and M. S. Marshall.....	115
Comparison of responses of smooth muscle to dl- β -(3,4-dihydroxyphenyl)-	

- β -hydroxy-ethylamine (arterenol), l-epinephrine, and "liver sympathin." II. Responses of uterus, small intestine and nictitating membrane. J. O. Pinkston, C. M. Greer, E. S. Brannon, and J. H. Baxter, Jr. 115
- Effect of thyroid feeding on the excretion of morphine. O. H. Plant and D. Slaughter 116
- Sensitive reaction for detection and estimation of theophylline. A. J. Plummer and W. L. Mendenhall 116
- "Chemotherapy of bacterial infections with sulphonamide compounds." Sanford M. Rosenthal and Hugo Bauer 117
- Acapnia and shock. M. H. Seevers, R. T. Stormont, H. R. Hathaway, F. S. Orcutt and F. E. Shideman 117
- Assay of thyroid U. S. P. by determination of oxygen consumption in guinea pig. L. F. Shackell 117
- Comparative toxicity of certain unsaturated mono-chlor hydrocarbons. M. M. Silverman and C. D. Leake 118
- Effect of apomorphine on movements of small intestine in unaesthetized dogs. D. Slaughter and E. G. Gross 118
- Excretion of selenium and its distribution in tissues. M. I. Smith, B. B. Westfall and E. F. Stohlman 119
- Some effects of acetanilid and morphine upon monkeys subjected to certain electrical and mechanical stimuli. Paul K. Smith 120
- Protective action by frog heart against epinephrine inactivation. Ralph G. Smith 120
- Unsuccessful attempt to produce vascular damage with nicotine. C. H. Thienes, Allen Behrendt, E. M. Butt, Thomas T. Messenger, and Emanuel Rollins 121
- Effect of myocardial infarction on tolerance to digitalis. Janet Travell, Harry Gold and Walter Modell 121
- Absorption of digitalis from small intestine of anoxemic animals. E. J. Van Liere and G. A. Emerson 121
- Physiological activity of cannabis preparations. R. P. Walton, L. F. Martin and J. H. Keller 122
- Effect of evipal and pentothal on blood pressure. H. W. Werner 122
- Distribution and retention of mapharsen (arsenoxide) arsenic. Harold N. Wright, K. A. Lundstrom and D. G. Wright 123
- Effect of yohimbine and yohimbine compounds upon arterial strips. Frederick F. Yonkman and Harold F. Chase 123
- Demonstrations 124
- Propylene glycol: rate of metabolism, absorption, and excretion, with method for estimation in body fluids 312
- Prostigmin and mecholyl, Synergism of 296
- Pyridine- β -carboxylic acid diethylamide (coramine) and pentamethylene-tetrazol (metrazol), Effect of, on coronary circulation 396
- Quastel, J. H., and Tennenbaum, M. Action of morphine and its derivatives on contractions of leech muscle due to acetyl-choline, choline and nicotine 228

Rabbit urine, Elimination of volatile phenols in, after administration of "calcium creosotate solution" and after cresote solution	183
Rat, Uterine stimulating, depressor, and bladder contracting activities in extracts of submaxillary gland of	407
Respiratory stimulant, Picrotoxin as	472
— system, heart and blood pressure, Effects of anesthetic doses of sodium thio-pentobarbital, sodium thio-ethamyl and pentothal sodium upon, inexperienced animals.	143
Reticulocytosis in guinea pig. I. Use of standard guinea pigs in assay of anahaemin	235
— in guinea pig. II. Haematopoietic response of "reactive" guinea pigs to anahaemin and other substances	245
Rinkel, Max, Myerson, Abraham, Loman, Julius, and Myerson, Paul. Human autonomic pharmacology. X. Synergism of prostigmin and mecholyll.	296
Rowe, L. W., Gruhzit, O. M., Dox, A. W., and Dodd, M. C. Pharmacologic study of certain thiobarbiturates	125
Schlossmann, H. A. Relationship between age and action of atropine and morphine	14
Selenium, Toxicity and pathology of	449
Sex-difference, Studies on, in rats in tolerance to certain barbiturates and to nicotine	323
Skill, Dorothy Irene, Odell, Arthur Duston, and Marrian, Guy Frederic. Oestrogenic potency of orally administered oestriolglucuronide	420
Sleeth, Clark K., Van Liere, Edward J., and Northup, David. Effect of ephedrine on absorption from small intestine	434
Smith, Edwin L., Holck, G. O., Kanán, Munr A., and Mills, Lucille M. Studies on sex-difference in rats in tolerance to certain barbiturates and to nicotine	323
Smith, M. I., Stohlman, E. F., and Lillie, R. D. Toxicity and pathology of selenium	449
Sodium amytal, Analysis of cardiac irregularities produced by calcium, and their prevention by	425
— n-hexylethyl barbiturate (ortal sodium), Study of toxic and anesthetic properties of, in experimental animals	439
— thio-pentobarbital, sodium thio-ethamyl and pentothal sodium, Effects of anesthetic doses of, upon respiratory system, heart and blood pressure in experimental animals	143
Stanton, Eugene J. Insulin treatment of morphine abstinence symptoms	387
Stedman, E., and White, A. C. Pharmacological and toxic actions of dextro- and laevo-miotine	198
Stohlman, E. F., Smith, M. I., and Lillie, R. D. Toxicity and pathology of selenium	449
Stoland, O. O., and Ginsberg, A. M. Studies on coronary circulation. V. Effect of pyridine- β -carboxylic acid diethylamide (coramine) and pentamethylenetetrazol (metrazol) on coronary circulation	396
Syntropan and atropine: comparative study	1

- Tatum, A. L., Werner, H. W., and Pratt, T. W. Comparative study of several ultrashort-acting barbiturates, nembital, and tribromethanol..... 189
- Tennenbaum, M., and Quastel, J. H. Action of morphine and its derivatives on contractions of leech muscle due to acetyl-choline, choline and nicotine 228
- Thienes, C. H., Detrick, L. E., Millikan, Ralph, and Modern, F. S. On pharmacology of phenylisopropylamine (benzedrine)..... 56
- Thiobarbiturates, Pharmacologic study of certain..... 125
- Tribromethanol, nembital, and several ultrashort-acting barbiturates, Comparative study of..... 189
- Ureas, Some unsymmetrical alkylaryl. II. Preparation, physical properties and hypnotic effects 369
- Urine, rabbit, Elimination of volatile phenols in, after administration of "calcium creosote solution" and after creosote solution..... 183
- Uterine stimulating, depressor, and bladder contracting activities in extracts of submaxillary gland of rat..... 407
- Van Liere, Edward J., Northup, David, and Sleeth, Clark K. Effect of ephedrine on absorption from small intestine..... 434
- Venoclysis, continuous, Effect of, in dogs with guanidine intoxication..... 45
- Venom, moccasin, Chemical studies on. I. Some properties of hemorrhagic and hemolytic components..... 358
- Walzl, Edward M., Marshall, E. K., Jr., and Le Messurier, D. H. Picrotoxin as respiratory stimulant..... 472
- Werner, H. W., Pratt, T. W., and Tatum, A. L. Comparative study of several ultrashort-acting barbiturates, nembital, and tribromethanol..... 189
- White, A. C., and Stedman, E. Pharmacological and toxic actions of dextro- and laevo-miotine..... 198