

OBITUARY.

ROBERT J. RUTH.

Robert J. Ruth, member of the AMERICAN PHARMACEUTICAL ASSOCIATION, died in Sinai Hospital, Baltimore, Maryland, on July 4th, after a short illness. He was the originator of Pharmacy Week and his activities as National Chairman of its Executive Committee since the first annual observance in 1925 had won him international recognition.

Dr. Ruth had arranged to speak at the June meetings of a number of state pharmaceutical associations. He left New York on June 12th and had partly completed his itinerary and was preparing to go to Rehoboth Beach, Delaware, to address the members of the Delaware Pharmaceutical Society when he was obliged to give up.

He had not been feeling well for a week or more, but, against the advice of Mrs. Ruth, who was with him, he determined to complete his schedule. But at Baltimore, his condition became worse and on Monday, June 29th, he entered Sinai Hospital, believing that he was suffering with malaria. The diagnosis, however, showed typhoid. His condition grew rapidly worse until the end.

The deceased was born in Bellevue, Ohio, on the 19th day of February 1891. At the age of eight he moved to the neighboring town of Elyria. Here he finished the grammar schools and in 1908 graduated from the Elyria High School.

Before this he became interested in the subject of pharmacy and during his junior year in high school he secured a position in a local drug store, where he was employed until 1909, when he moved to Fremont, Ohio, and was employed in a pharmacy there for another year. He entered the Philadelphia College of Pharmacy and Science in 1910, from where he was graduated in 1913 with the degree of Doctor in Pharmacy.

The first two years, following his graduation, were spent in Dallas, Texas, where he was a member of the Medical and Pharmaceutical Faculties of Southern Methodist University; the first year as assistant professor of Chemistry, and the second year with a full professorship and also teaching Biochemic Therapy.

In 1915 he entered the employ of Eli Lilly & Co. of Indianapolis, Indiana, where he remained for one year, leaving in 1916 to engage in the retail drug business at Elyria, Ohio. He was the proprietor of two pharmacies there

until 1923, when he disposed of them to become affiliated, in the capacity of Field Secretary, with the Philadelphia College of Pharmacy and Science. For three and a half years, he visited thousands of graduates of this institution in all parts of the United States and in Cuba, in the interests of the College. He was especially successful in securing contributions to the College Building and Endowment Fund. He also delivered scores of addresses before the student bodies of Colleges of Pharmacy; local district, state and national pharmaceutical organizations and civic bodies.

In 1924, Dr. Ruth first suggested National Pharmacy Week in his Chairman's address before the Section on Practical Pharmacy and Dispensing of the AMERICAN PHARMACEUTICAL ASSOCIATION at the annual meeting held in Buffalo. Besides being the originator of the Pharmacy Week movement, he had been the National Chairman of the Pharmacy Week Executive Committee since the first annual observance in 1925. The National Pharmacy Week Executive Committee represents all American pharmacy. The Pharmacy Week movement has spread to every English-speaking country in the world and the pharmacists of Spanish countries are now interesting themselves in the movement.

In 1926, Dr. Ruth was the Director of the American Pharmacy Exhibit at the Sesqui-Centennial International Exposition held in Philadelphia that year. He planned and installed the American Pharmacy Exhibit in the Palace of Education and Social Economy and it was awarded the gold medal.

In 1927, the Philadelphia College of Pharmacy and Science conferred upon him the honorary degree of Master in Pharmacy (Ph.M.).

July 1, 1927, Dr. Ruth became affiliated with E. R. Squibb & Sons, New York, in the executive capacity of Chief of the Pharmaceutical Division, Professional Service. Since then he has lectured at every college of pharmacy in the United States and at many of the colleges of medicine and dentistry as well as before lay bodies. His duties carried him to every state in the Union and he was a familiar figure at the national and state pharmaceutical conventions. He was also a constant contributor of original articles to the pharmaceutical press of the world.

The deceased was a member of the AMERICAN PHARMACEUTICAL ASSOCIATION, the PENN-

sylvania Pharmaceutical Association, The Philadelphia and New York branches of the AMERICAN PHARMACEUTICAL ASSOCIATION, the Philadelphia College of Pharmacy and Science; the College of Pharmacy, Columbia University; the International Society for History of Pharmacy, and an associate member of the Philadelphia Association of Retail Druggists. He had been both Secretary and Chairman of the Section of Practical Pharmacy and Dispensing and a member of the House of Delegates of the AMERICAN PHARMACEUTICAL ASSOCIATION.

Dr. Ruth is survived by his wife, by his parents, Mr. and Mrs. William H. Ruth, of Elyria, Ohio, and by a sister, Mrs. Paul W. Kreidler, of Fremont, Ohio.

Funeral services were held at Baltimore on July 5th. Interment took place at Fremont, Ohio, on the Tuesday following. Among those who attended the Baltimore service were Dr. and Mrs. E. F. Kelly, Editor and Mrs. E. G. Eberle, Dr. J. C. Krantz, Dr. and Mrs. R. L. Swain, Dr. G. L. Jenkins, C. E. McCormick and Jerome Murphy, Baltimore; Dr. and Mrs. S. L. Hilton, Washington, Dr. and Mrs. E. Fullerton Cook, Dr. and Mrs. Ambrose Hunsberger and John C. Walton, Philadelphia. Representatives of E. R. Squibb & Sons were also present.—LEWIS N. DAVIS.

PATRICK SEBASTIAN GLEASON.

Patrick S. Gleason, member of the AMERICAN PHARMACEUTICAL ASSOCIATION since 1904, died last October, aged 62 years. Notice did not come to this office until recently, therefore this belated notice. The deceased was one of Waltham's (Massachusetts) leading citizens and business men and highly esteemed. He was a graduate of Massachusetts College of Pharmacy. Mrs. Gleason survives her husband.

DR. HOBART AMORY HARE.

Dr. Hobart A. Hare, for many years professor of therapeutics, materia medica and diagnosis at Jefferson Medical College, Philadelphia, died June 15th, aged 68 years. Dr. Hare was born in Philadelphia, September 20, 1862, the son of Bishop William H. and Mark Amory Howe Hare. He received his M.D. degree from the University of Pennsylvania in 1884 and a B.S. degree from the same institution in 1885. Subsequently he studied in London, Leipzig and Berne, and he had honorary degrees from Jefferson Medical College and

the University of Pennsylvania. He became a member of the medical faculty of the university in 1890, and in the following year began his long professorship at Jefferson, from which he resigned a few years ago.

Dr. Hare was the author of a number of standard works on medical subjects. He was also prominent in medical journalism for about forty years. He was one of the authors of the "National Standard Dispensatory" and was elected a member of the U. S. P. revision committee in 1900.

CALVIN HENRY KAUFFMAN.

Dr. Calvin Henry Kauffman, internationally known as a botanist and a member of the faculty of botany at the University of Michigan since 1904, died June 14th at his home in Ann Arbor, Mich. He was sixty-two years old and a native of Lebanon, Pa. He took his bachelor's degree at Harvard, a master's degree at Cornell, and his doctor's degree at Michigan, the last named in 1907. During the World War he was attached to the horticultural board of the United States Department of Agriculture. For the last ten years he had been professor of botany and director of the University herbarium. He was a member of numerous scientific societies and the author of many articles on botany.

LORD TRENT.

Lord Trent, of Nottingham, formerly Sir Jesse Boot, founder of the British chain of retail drug stores known as "Boots Cash Chemists," died June 13th in St. Heliers, Isle of Jersey. He was eighty-one years old and had been completely paralyzed for a number of years.

Jesse Boot was born in Nottingham in June 1850. He began his business life as a boy, helping his widowed mother in a small general shop. His entry into the "chemists" business was an innovation in England, as his shops were the present-day variety-stocked drug stores. To-day the business, centrally the Boots Pure Drug Company, established in 1888, is controlled by Drug, Inc., through the United Drug Company, Boston.

Mr. Boot was knighted by patent in 1909, was created a baron in 1917 and was raised to the peerage in 1929. He was widely known for his generous philanthropies and his marketing aid for Jersey farmers. His heir is the Hon. John Campbell Boot, chairman of the board of the Boots Pure Drug Company.

ADDITIONS TO PROGRAMS OF THE SECTIONS, A. PH. A., MIAMI MEETING,
JULY 27TH TO AUGUST 1ST.

The following are additional to the programs printed in the June issue of the JOURNAL, pages 610, *et seq.* The following numbers will be rearranged in the *Official Program*. Time will not permit reprinting, but titles are complete as far as these have been received.

Omissions of titles will be included in Official Program and in the minutes of the proceedings of the Sections.

SCIENTIFIC SECTION.

Additions.

"Rape Oil as an Adulterant of Olive Oil," C. W. Ballard.

"Quality of Japanese Peppermint Oil Produced in Florida," B. V. Christensen and L. D. Hiner.

"Quality of Spearmint Oil Produced in Florida," B. V. Christensen and L. D. Hiner.

"Incompatibilities of Important Newer Chemicals," Charles F. Lanwermyer.

"The Standardization and Stabilization of Ergot Preparations. VIII. The Study of Methods of Assaying Ergot Preparations and the Hydrogen-Ion Concentration Factor," E. E. Swanson, C. E. Powell and A. N. Stevens.

"The Assay of Pepsin," Glenn L. Jenkins and H. L. Greenberg.

"Pitocin and Pitressin Stability," L. W. Rowe.

"The Local Reactions Produced by Intramuscular Injection of Some Antimony Compounds," A. E. Jurist and W. G. Christiansen.

"A Study of the Germicidal Activity of Aromatic Sulfides," E. Moness, W. Braker and W. G. Christiansen.

"A Comprehensive Study of the Preparation of Colloidal Silver Iodide and a Report of Its Bactericidal and Bacteriostatic Value," W. A. Lott and W. G. Christiansen.

"A U. S. P. Standard for the Volatile Oil Content of Cardamon," C. J. Zufall and George DeKay.

"Transparent Life Studies 2. Effect of Strychnia on Daphnia," Arno Viehoever and Anna Schwenk Mikurijja.

"The Phytochemistry of Podophyllum Peltatum," Arno Viehoever and Elsie M. Klenke.

"Further Studies Concerning the U. S. P. X Bio-Assay Standard for Fluidextract of Ergot," Marvin R. Thompson.

"*p*-Nitrobenzyl Halides as Reagents for the Identification of Primary and Secondary Amines," Edward Lyons.

"The Biological Assay of the Water-Soluble Antineuritic and Antipellagric Vitamins," Howard T. Graber and Russell A. Cowles.

"The Effect of Storage of Distilled Water in Glass Ampoules on the Alkalinity and Total Solids Content," A. O. Mattheus.

"Studies in Extraction as Applied to N. F. Preparations," Earl Guth and H. A. Langenhan.

"Studies on the Determination of Camphor in Camphor Liniment," Charles F. Poe, Goldner Lipsey and David W. O'Day.

"Effect of Ordinary Light and Ultra-Violet Light on Extracts of Essential Oils in (1) Alcohol (2) Fixed Oils," Charles F. Poe, E. C. Jones and Ford Millikan.

"A Proposed Method for Determination of Camphor in Spirit of Camphor," Charles F. Poe and Elmer Plein.

SECTION ON EDUCATION AND LEGISLATION.

(See June JOURNAL, page 611.)

PAPERS.

"A Century of Progress in Pharmaceutical Education"—Chairman's Address, B. V. Christensen.

"California Junior Capper-Kelly Bill," W. Bruce Philip and Fayetta H. Philip.

"The California Anti-Discrimination Act Enacted 1931," W. Bruce Philip and Fayetta H. Philip.

"Inspections," John E. Kramer.

"Are Beginning Pharmacy Students Up to the Standard?" C. B. Jordan and H. G. DeKay.

"Pharmaceutical Engineering," Arthur F. Peterson and Robert J. Ruth.

"A Century of Progress in Pharmaceutical Education," B. V. Christensen.

"A Course in Pharmacal Sundries and Sick Room Supplies," C. W. Ballard.

"The Next Prerequisite," F. J. Wulling.

"Five Years of Intelligence Testing," A. B. Lemon.

"Student Activities in a College of Pharmacy," H. C. Biddle.

"The Pharmacist in the Federal Civil Service," Paul G. Thomas.

SECTION ON PRACTICAL PHARMACY AND DISPENSING.

(See June JOURNAL, page 611.)

Additional Papers.

"An Experimental Study of the Deteriora-

tion and Assay of Spirit of Ethyl Nitrite," Marvin J. Andrews.

"Solution of Iodine for Germicidal Purposes (from the Pharmaceutical Standpoint)," Charles H. LaWall and Linwood F. Tice.

"Solution of Iodine for Germicidal Purposes (from the Bacteriological Standpoint)," Louis Gershenfeld and Ruth E. Miller.

"Solution of Iodine for Germicidal Purposes (from the standpoint of Variations in the Germicidal Properties of Iodine Solutions Imposed by the Influence of Solvents)," George M. Karns and George D. Beal.

"A New Iodine Ointment for Antiseptic Purposes," Charles H. LaWall and Linwood F. Tice.

SECTION ON COMMERCIAL INTERESTS.

(See June JOURNAL, pages 611-612.)

Additional Papers.

"Drug Store Vocabulary and Department," Fayette H. Philip.

"Purdue University Pharmacy Extension Department," J. L. Weinland.

"Is the Manufacture Coöperating?" J. W. Slocum.

"Meeting Cut Price Competition," William Emrich.

"Window Merchandising," Henry W. Heine.

"The Ten Cent Table in the Drug Store," G. H. Grommet.

"What I Believe Is Wrong with the Drug Store," Bernard M. Keene.

"Paper (title not announced)," C. Leonard O'Connell.

"Know Your Business by Comparison," Charles J. Clayton.

"The Manufacturer and Honest Merchandising Conditions," James T. Dumas.

"Our Best Customer's Baby," Samuel Krone.

"The Ice Cream Situation," Samuel Krone.

Change the title—"Results of the New York State Economic Questionnaire" to "Some Facts Brought Out by the New York State Questionnaire on Business Conditions in 1930," Leon Monell.

SECTION ON HISTORICAL PHARMACY.

(See June JOURNAL, page 612.)

Additional Papers.

"Introduction of Chemical Pharmacology and Therapeutics," Charles Whitebread.

"The White House Contributor to Our Section on Historical Pharmacy," Robert J. Ruth.

"How Old Is the AMERICAN PHARMACEUTICAL ASSOCIATION?" James H. Beal.

"An Attempt at a Phytochemical Bibliography," Edward Kremers.

"A Brief History of the College of Pharmacy, University of Florida," Townes R. Leigh.

"History of Pharmacy in South Carolina," J. Hampton Hoch.

"The Pharmacist's Show Globes," Aaron Lichtin.

"History of the Florida State Pharmaceutical Association," Laurie J. Taylor.

"The Rise of Organized Pharmacy in West Virginia," Roy S. Cook.

"History of the Florida State Pharmaceutical Association," Laurie J. Taylor.

CONFERENCE OF PHARMACEUTICAL ASSOCIATION SECRETARIES.

(See June JOURNAL, page 612.)

Subjects of Round Table Discussions:

"To What Extent Is the Secretary Responsible for the Activities of His State Association," led by W. E. Bingham.

"A Weak State Association," led by Robert C. Wilson.

"Plans for Institute Work as an Association Activity," led by J. W. Slocum.

"What Services Can a Full Time Secretary Render That Will Justify the Expenditure," led by Carl G. A. Harring.

"Different Ways of Increasing Association Membership," led by Carl G. A. Harring.

"How Can the Secretary Best Deal with Delinquent Members?" led by Carl G. A. Harring.

THIRD ANNUAL MEETING OF THE CONFERENCE OF PHARMACEUTICAL LAW ENFORCEMENT OFFICIALS.

(See June JOURNAL, page 612.)

Additional Subjects.

"The Need of Reasonable Restrictions in the Sale of Drugs and Medicines," John M. Woodside, Pennsylvania.

"Enforcement of the Kentucky Pharmacy Law by Injunction," Member of Kentucky Board of Pharmacy.

NATIONAL CONFERENCE ON PHARMACEUTICAL RESEARCH.

(Complete, but subject to re-arrangement and introduction of additional reports, discussions, etc.)

NINTH ANNUAL SESSION PLANT
SCIENCE SEMINAR.

(See page 613, June JOURNAL.)

Additional Items.

Friday A.M.—Leave for Miami, via Avon Park, etc., where a stopover will be made to inspect the large collection of native and exotic plants, with Mayor C. S. Donaldson as guide. Trip to Miami continued via Fort Myers and across the Everglades. From Miami side trips have been arranged to Chapman Field, Mr. H. W. Johnston's collection near Homestead, and some of the wonderful gardens in the City of Miami.

Entertainment for the ladies at both Gainesville and Miami.

SYMPOSIUM GENUS MENTHA.

The Fifth Symposium on the Genus Mentha will hold its annual meeting on Thursday afternoon, July 23rd at one o'clock in the Chemistry-Pharmacy Building of the University of Florida, Gainesville, Florida.

The Mint Symposium at the last business session voted to hold its next meeting with the Plant Science Seminar and the Seminar has very kindly allotted the afternoon of Thursday, July 23rd to the program of the Symposium. It is hoped that the members of the Symposium will arrange to leave for Miami a few days in advance of the regular meetings of the AMERICAN PHARMACEUTICAL ASSOCIATION and attend the Plant Science Seminar and the Symposium on the Genus Mentha.

As in previous years, the program will be conducted in the form of a round-table discussion. If you are planning to present a paper, please send me the title and a short abstract of the contents for our completed program.

NATIONAL ASSOCIATION OF BOARDS
OF PHARMACY.

Program will appear in "Official Program."

AMERICAN ASSOCIATION OF COL-
LEGES OF PHARMACY.

(See June JOURNAL, pages 581-583.)

Additional Programs.

In the joint session program with National Association of Boards of Pharmacy omit the topic "What Credit Can Be Given toward the Practical Experience Requirement for Work Done in Colleges of Arts and Science?"

The lines on page 583, beginning with subhead "Conference of Teachers of Pharmaceutical Economics" to end, should be inserted following "Appointment of Committee Resolutions," third line from bottom of page 581.

CONFERENCE OF TEACHERS OF
MATERIA MEDICA.

Officers: A. Richard Bliss, Jr., *Chairman*;
J. F. Bacon, *Secretary*.

PAPERS.

"The Term 'Pharmacology,' Its Meaning and Its Adaptation in the Pharmaceutical Syllabus," A. Richard Bliss, Jr. Discussion opened by Dr. H. C. Wood, Jr., Dr. R. A. Lyman and Dr. W. H. Zeigler.

"Materia Medica," B. V. Christensen. Discussion opened by Dean W. B. Day, Dean E. R. Serles and Dean G. C. Schicks.

"What Is Pharmacognosy?" Heber W. Youngken. Discussion opened by Dr. C. C. Plitt, Dr. L. K. Darbaker and Dean E. T. Motley.

CONFERENCE ON PHARMACEUTICAL
ECONOMICS.

Officers: *Chairman*, C. Leonard O'Connell;
Secretary Howard C. Newton.

Program.

Report of the Chairman, C. Leonard O'Connell "Business Subjects Planned for Inclusion in the New Syllabus," Paul C. Olsen.

"Extension Work in Pharmacy at Purdue University," J. L. Weinland.

Discussion on "How to Make the Best Use of the Bulletins of the Druggists' Research Bureau in Teaching," Paul C. Olsen and others.

AMERICAN PHARMACEUTICAL MANU-
FACTURERS' ASSOCIATION.

Officers.—*President*, John G. Searle, Chicago; *First Vice-President*, S. W. Fraser, New York City; *Second Vice-President*, L. D. Humphreys, Saratoga Springs; *Secretary*, Clarence W. Warner, Newark; *Treasurer*, Frank A. Mallett, Des Moines; *Counsel*, Charles Wesley Dunn, 580 Fifth Ave., New York City.

ENTERTAINMENT PROGRAM, 79TH ANNUAL CONVENTION, AMERICAN
PHARMACEUTICAL ASSOCIATION.

MIAMI, FLORIDA.

JULY 27TH—AUGUST 1ST, 1931—HEADQUARTERS, COLUMBUS HOTEL.



G. H. GROMMET, Local Secretary.

The following has been submitted by the
Local Committee:

Sunday, July 26th.

- 1:00 to 5:00 P.M. Registration, Columbus
Hotel Lobby.
8:00 to 10:00 P.M. Musical Concert and
Reception, Alcazar Hotel Roof
Garden.

Monday, July 27th.

- Registration all day, Columbus Hotel lobby.
9:00 A.M. Ladies Auxiliary Florida State
Pharmaceutical Association will
meet at Alcazar Hotel Roof
Garden.
2:00 P.M. Reception and Bridge for Mrs.
H. C. Christensen and visiting
ladies at Alcazar Hotel Roof
Garden.
8:30 P.M. Traveling Men's Auxiliary of the
Florida State Pharmaceutical As-
sociation will sponsor their annual
entertainment at the Alcazar
Hotel Roof Garden.

10:00 A.M. and 2:00 P.M. each day. Sightsee-
ing Boat Trips on Glass Bottom
Boats Will Leave Pier 5, City
Docks, for the Beautiful Coral
Reefs and Marine Gardens.

NOTE: Through the glass bottoms of these
boats you are able to see the wonderful ma-
rine growth of the Tropics, the sponges,
Irish moss, sea urchins and the most
gorgeously colored fish, rivaling the artist's
palette.

10:00 A.M. and 2:00 P.M. each day. Ever-
glades Boats will sail from Pier
5, City Docks, up the Miami River
to the Everglades and Indian
Villages and Alligator Farms.

NOTE: These boats will sail up the Miami
River, the native home of the alligators,
and you will see the tropical vegetation of
palms and plants which hold forth nowhere
except Southern Florida; the Seminole
Indians as they have lived for the past
centuries in their thatched villages and the
experimental farms in the vast Everglades,
which, if drained and cultivated, would
feed the world.

Coupons—for these trips are in the Entertain-
ment Coupon Books, and may be used any
day desired.

Tuesday, July 28th.

- 10:00 A.M. Automobile Sightseeing Trip or
Shopping Tour as desired.
10:00 A.M. Boat trips as explained above.
2:00 to 4:00 P.M. Musical Program and
Reception at the Alcazar Hotel
Roof Garden.
7:00 P.M. *Annual Banquet* of the AMERICAN
PHARMACEUTICAL ASSOCIATION to
be held at the Coral Gables Golf
and Country Club, followed by a
dance and entertainment in the
Patio of the Spanish Garden till
2:00 A.M.

NOTE: Automobiles will start loading at 6:15
P.M. Cars will be parked in front of the
Columbus, McAllister and Alcazar Hotels.
Those who are stopping at other hotels
are requested to use the cars in front of the
Columbus. All cars will be on Biscayne
Boulevard in front of each hotel, and will

return you to your hotel at any time after the banquet.

Wednesday, July 29th.

11:00 to 1:00 P.M. Motorcade to Miami Beach, Roney Plaza Hotel and Roman Pools Casino.

12:00 M. to 1:00 P.M. Gay Senoritas—Spanish Troubadours—Graceful Dancers from Mexico—Negro Quartette—Jubilee Singers.

1:00 to 3:00 P.M. Dancing. Music by Roman Pools Orchestra.

3:00 to 4:30 P.M. Professional and Amateur Fancy Diving and Swimming Races. (Prizes and cups will be awarded.)

4:30 P.M. Joe Coppinger in alligator wrestling exhibition. This program will be continuous, colorful, and entertaining. Bathing suits will be furnished free. Bath house facilities will be at your disposal. Bathing may be enjoyed all day in the famous Roman pools or in the surf.

NOTE: Automobiles will start loading at 10:30 A.M. Cars will be parked in front of the Columbus, McAllister and Alcazar Hotels. Other instructions as for Tuesday.

8:00 P.M. Night in Dixie—Bay Front Park. Music by Caesar La Monaca's Miami Concert Band.

Program.

1. Overture to "William Tell"—Rossini.
2. Adolph Seerth in Community Singing.
3. Grand American Fantasy "Tone Pictures of North and South"—Bendix.
4. Soprano Solo "My Old Kentucky Home"—Ruby Showers Baker.

5. Xylophone Solo Overture "Morning, Noon and Night in Vienna"—Suppe.

6. Shrine Chanters.

7. Novelty Act.

8. Descriptive Fantasy. "The Evolution of Dixie." Lake Street dance on Biscayne Boulevard will follow immediately after concert.

Thursday, July 30th.

10:00 A.M. Boat Trips as outlined above.

2:00 P.M. Boat Trips as outlined above.

12:30 P.M. Motorcade — Miami — Miami Beach—Coconut Grove—Coral Cables, visiting orange and grape fruit groves. Stopping at Musa Isle Indian Village and Pan American Airport.

NOTE: Automobiles will start loading at 12:30 P.M.

8:00 P.M. Theatre Party—Olympia Theatre.

9:00 P.M. Spanish Fiesta, Roney Plaza Gardens. Refreshments, Dancing, Entertainment. Visitors are guests of Dade County Retail Druggists' Association.

Friday, July 31st.

9:00 A.M. Mens' Golf Tournament at Miami Country Club, 36-hole medal play. Bring your handicaps from your home club.

10:00 A.M. Glass Bottom and Miami River Boat Trips as outlined above.

1:00 P.M. Motorcade to Venetian Pools in Coral Cables—Water Sports—Refreshments—Entertainment.

8:00 P.M. Theatre Party for Ladies.

NOTE: Automobiles will start loading at 1:00 P.M.

BOOK NOTICES AND REVIEWS.

Die Glykoside. By Dr. J. J. L. VAN RIJN, edited by Dr. Hugo Dieterle. Berlin, Gebrüder Borntraeger, 1931. Price: paper cover, 40 marks; bound, 50 marks.

While there is no scarcity of adequate and interesting reference books on the alkaloids in medical and chemical literature, the same cannot be said of that group of compounds known as glucosides, the importance of which we are just beginning to appreciate. The present work is a new edition of the famous monograph by van Rijn, compiled by Dr. Hugo Dieterle, director of the Pharmaceutical

Institute, University of Frankfort. The first edition of this celebrated work, probably the most comprehensive treatise on glucosides, appeared in 1900. The new edition, published thirty-one years after the first appearance of van Rijn's treatise, will therefore be welcomed by all those interested in this subject. To produce the present volume, comprising 620 pages of text, the original work has been very much expanded and largely rewritten. To begin with, a brief introduction, containing a general description of the glucosides, calls attention to the products of hydrolysis ob-