

PROCEEDINGS OF THE LOCAL BRANCHES

"All papers presented to the Association and Branches shall become the property of the Association with the understanding that they are not to be published in any other publication prior to their publication in those of the Association, except with the consent of the Council." —Part of Chapter VI, Article VI of the By-Laws.

ARTICLE III of Chapter VII reads: "The objects and aims of local branches of this Association shall be the same as set forth in ARTICLE I of the Constitution of this body, and the acts of local branches shall in no way commit or bind this Association, and can only serve as recommendations to it. And no local branch shall enact any article of Constitution or By-Law to conflict with the Constitution or By-Laws of this Association."

ARTICLE IV of Chapter VII reads: "Each local branch having not less than 50 dues-paid members of the Association, holding not less than six meetings annually with an attendance of not less than 9 members at each meeting, and the proceedings of which shall have been submitted to the JOURNAL for publication, may elect one representative to the House of Delegates."

Reports of the meetings of the Local Branches shall be mailed to the Editor on the day following the meeting, if possible. Minutes should be typewritten, with wide spaces between the lines. Care should be taken to give proper names correctly and manuscript should be signed by the reporter.

CHICAGO.

The 167th meeting of the Chicago Branch of the AMERICAN PHARMACEUTICAL ASSOCIATION, was held May 17, 1927. Prior to the meeting an enjoyable dinner was served at the Hotel La Salle.

President Gathercoal presented the speaker of the evening, Dr. Anton Hogstad, of the St. Louis College of Pharmacy, who spoke on "Some Colloidal Chemical Aspects of Pharmacognosy." Suggestions for instruction of pharmacognosy were made, by emphasizing the colloidal chemical aspects of plant constituents rather than stressing histological examinations. State of matter should be studied as well as kind of matter. A study of constituents in fresh plants should be made as they are undoubtedly altered by the process of drying, and methods of extraction.

Indications of change in state of matter were made by illustration of digitalis therapy. Adsorption of drugs was discussed as well as adsorption of drugs. Diffusion of alkaloids is altered by changing from animal to vegetable membrane, due to the change from positive to negative charges. This course in Pharmacognosy should correlate the kind and state of matter of plant constituents with the chemical study and pharmacological action.

He told of the course in commercial pharmacy being organized at the St. Louis College of Pharmacy, which will be conducted by business men, including salesmanship, buying, wholesale and manufacturing, law and insurance. He advocated the use of fresh and

dried herbs with pharmaceutical apparatus for window displays as the best window display to attract attention, increase sales and maintain a professional atmosphere. The pharmacist with his superior knowledge of drugs should use his knowledge of drugs along with the sale of drugs and sundries.

A general discussion followed and a rising vote of thanks was given Dr. Hogstad for his excellent address. His paper was accepted for publication in the JOURNAL OF THE AMERICAN PHARMACEUTICAL ASSOCIATION.

S. W. MORRISON, *Secretary*.

DETROIT.

The May meeting of the Detroit Branch of the AMERICAN PHARMACEUTICAL ASSOCIATION was held at Ann Arbor Friday, May 13th. Dinner was served at the Huron Hills Golf Club at 6:30; after dinner the members motored back to Ann Arbor, where the meeting was called to order, in the Pharmacy and Chemistry Building, by President L. W. Rowe.

The minutes of the previous meeting were read by the Secretary and approved. Chairman Hall of the Program Committee made a report announcing that thirteen new members were added to the Branch this year.

The report of the Committee on Nominations was read; it was accepted and approved. J. H. Webster moved that the Secretary cast a unanimous ballot of the Branch for:

President, A. A. Wheeler; *First Vice-President*, R. H. Blair; *Second Vice-President*, Justin L. Rodgers; *Secretary*, Bernard A. Bialk; *Treas-*

urer, F. F. Ingram, Jr.; *Chairman Program Committee*, R. T. Lakey; *Council of Clerks*; Oliver Williams and F. Smith; *Council of Students*: Detroit College of Pharmacy, Charles Robertson and Clifford Anderson; University of Michigan, Richard C. Byce and Oliver C. Weinkauff; College of City of Detroit, Carl Smith and I. Helper.

President Rowe thanked the officers for the coöperation given him during his term of office and turned over the chair to President-Elect A. A. Wheeler, who, after brief remarks, introduced the speaker of the evening, Dr. John Sundwal, Professor of Social Hygiene and Public Health of the University of Michigan.

Dr. Sundwal gave a most interesting talk on "Some Recent Tendencies in Public Health." He said the two outstanding accomplishments in Public Health were: The decrease in infant mortality, which has been from 25 deaths for each 1000, in 1900, to 11.8, in 1925, and the increase in the average life of the individual, which in the year 1900 was about 33 years, and in 1925, about 58 years. He quoted some very startling figures on the causes of deaths in the United States, and divided the causes into three groups—Degenerative Diseases, as follows: Heart, 191,226; Arteries, 87,064; Nephritis, 99,320; Cancer, 99,320 and Diabetes, 17,380. Communicable Diseases, Tuberculosis 89,268; Pneumonia, 96,432. External Causes, Suicide, 12,473; Homicides, 8893; Automobile Accidents, 25,000. He said the average man gave comparatively few years of his life to the benefit of society; as an illustration, a hundred college men may be chosen, physically perfect at the age of 25—at the age of 65 only sixty-five would be living: one would be rich; five well-to-do; five working; fifty-four dependent on society. He said that the biggest work to-day for the Public Health Department was the correction of mental diseases. He said, for every College student in the U. S. there was one in the insane asylum—there being 200,000 insane in the various institutions to-day; in New York State alone 60,000 are admitted each year. He said that education was necessary to combat this fast-growing menace of mental diseases, which he attributed partly to the vast throngs of "ne'er-do-wells" who do things on impulses rather than thinking.

W. L. Scoville complimented Dr. Sundwal on his most interesting and enlightening talk and suggested a rising vote of thanks for the speaker, which was enthusiastically given by

the assembly.

J. H. Webster commented on the coöperation of the pharmacist and the Health authorities in bringing about the increase in the average life of man and the marked decrease in the more serious communicable diseases. He appealed to the pharmacists to lend their aid in this important work. Mr. Hall commented on the splendid talk and suggested that the information given by Dr. Sundwal be published so that those who missed this opportunity of hearing the speaker, may benefit by reading some of the startling figures he quoted from statistics compiled by the Bureau of Public Health.

Mr. Rowe moved a rising vote of thanks to Dean Edward Kraus for his part in bringing about this meeting and the hospitality shown the Detroit Branch at the Huron Hills Golf Club. After a rising vote of thanks, Dean Kraus said that the credit for the success of this meeting was in great part due to Professors C. C. Glover and C. H. Stocking and his staff for whom Mr. Webster suggested a rising vote of thanks, which was given.

BERNARD A. BIALK, *Secretary*.

PHILADELPHIA.

The final meeting of the Philadelphia Branch of the AMERICAN PHARMACEUTICAL ASSOCIATION was held Tuesday evening, May 10th, at the P. A. R. D. building.

The minutes of the April meeting were read by the Secretary and approved. Four new contributing members were announced as follows: W. B. Hibbs, 2301 Spruce St., E. T. Hahn, 1242 N. 53rd St., B. G. Clapham, Haynes and Morton Sts., Germantown, W. H. House, 50th and Brown Sts., all of Philadelphia, Pa.

The Secretary read several communications relative to the A. PH. A. headquarters building, and general discussion upon this subject followed. The executive committee was given the power to act relative to sending out letters or cards to the A. PH. A. members with data on the headquarters building.

Prof. Robert L. Hobart, Instructor of Merchandising at the Wharton School of Commerce at the University of Pennsylvania, was the speaker of the evening. Prof. Hobart gave one of those wide awake and vital talks based upon "Merchandising for the Summer Months." He took the viewpoint of the consumer and in a very interesting way dwelt on the location of the store, the arrangement of merchandise,

the specialties, salesmanship and service features, such as deliveries, fine packages, conveniences, cashing checks, telephone service, etc. His talk was one which would be of immense value to many retailers at this time of year for it would wake them up and put them on their toes with new ideas for the summer months, when business is naturally at an ebb. Considerable discussion followed Mr. Hobart's remarks and he was given a rising vote of thanks by those present.

ADLEY B. NICHOLS, *Secretary*.

UNIVERSITY OF WASHINGTON.

The March meeting of the University of the Washington Branch of the AMERICAN PHARMACEUTICAL ASSOCIATION was postponed because of conflicting appointments of the speaker. Hence, two meetings were held in April. The first meeting was held April 7th. The speaker was Harry Ayers, permanent Secretary for the Washington State Pharmaceutical Association. Mr. Ayers has devoted his entire time to legislative matters and was in attendance at the spring session of the State Legislature. He presented an interesting talk on the machinery and procedure of passing a bill, outlining the details from the formulation of the bill up to its final approval by the State Executive. He reviewed especially the laws

passed that affected the pharmacists of the State, and explained many that were lost or killed. The discussion of the procedure of losing or killing a bill was extremely interesting and even amusing at times. This was the most largely attended meeting of the year so far.

The regular April meeting was held April 28th at Bagley Hall. Mr. S. F. Worswick, of the Taylor Instrument Company, was the speaker. Mr. Worswick gave an illustrated talk on both clinical and house thermometers. He explained the making of a thermometer, the difference between 1-minute and 2-minute clinical thermometers, the important factors concerning expensive thermometers, etc., giving those present all the necessary information to enable them to correctly explain to and instruct the purchaser along the lines of proper use of thermometers. Mr. Worswick emphasized some of the facts presented by relating somewhat humorous incidents connected with that particular fact, which kept his audience keyed up and attentive.

The last meeting of the school year will be held May 26th. This will be in the form of the annual dinner. Election of officers will take place at that time, as well as the presentation of the Branch honor medal and other honors conferred upon the graduating students of the college.—H. A. LANGENHAN, *Secretary*.

LIBRARY AND MUSEUM ITEMS.

Plans to build up at Columbia University the most important business library in this country are under way, Prof. James C. Egbert, director of the school of business, has announced. A unique collection of old and rare books is being developed under the direction of Prof. Robert H. Montgomery. This collection contains treatises whose authors represent, mostly in first editions, nearly all of the great names in the history of accounting.

The foundation of the Eunice Rockwood Oberly Memorial prize, established in memory of Miss Oberly, formerly librarian of the Bureau of Plant Industry, Department of Agriculture was the outcome of the spontaneous expression of the regard of her associates at the time of her death, November 5, 1921. Later contributions were received from her friends and co-workers outside the Department, from her college classmates and from the American Phytopathological Society.

The Oberly Memorial prize is awarded once

every two years, the first award of \$75 having been made in December 1924, to Max Meisel, formerly of the science division of the New York Public Library, for the first volume of his extensive "Bibliography of American Natural History." The prize of this year, for a bibliography entitled "Price Fixing by Governments," has been awarded to Miss Mary G. Lacy, Mrs. Annie M. Hannay and Miss Emily L. Day, of the Bureau of Agricultural Economics Library in the Department of Agriculture.

An anonymous donor, convinced that many facts of American history remain undiscovered below the Mason-Dixon line, has given Princeton an endowment sufficient to provide for two graduate students whose entire efforts are to be exerted in ferreting out the hidden knowledge of the South. The graduate students are to be selected from Southern universities. It is planned that they spend two years in Princeton University training in American history and a third year in the South, where they will search for Southern history material.

A HALF CENTURY OF THE NATIONAL FORMULARY, 1880-1930.

BY H. A. LANGENHAN.

(Continued from p. 481, May JOUR. A. PH. A.)

N. F. Titles, Synonyms and Abbreviations.	Issues of U. S. P. and N. F.†											
	20	30	30*	40	50	60	70	80	90	00	10	20
PIX CARBONAS												L
PIX LITHANTHRACIS												L
Coal Tar.....												E E
Pix Carbonas.....												S
Pix Lith.....												A
Pix. Carbon.....												A
PLUMBI CARBONAS	104	104	104	104	104	104	104	104	104	104		L
Lead Carbonate.....												E
White Lead.....												S
Plumb. Carb.....												A
PLUMBI IODIDUM					105	105	105	105	105	105		L L
Lead Iodide.....												E E
Plumb. Iod.....												A A
PLUMBI OXIDUM RUBRUM				106								L L
Red Oxide of Lead.....												E E
Red Lead.....												S S
Plumb. Oxid. Rub.....												A A
POPULI GEMMÆ												L L
Balsam Poplar Buds.....												E E
Balm of Gilead Buds.....												S S
Pop. Gem.....												A A
POTASSA SULPHURATA	107	107	107	107	107	107	107	107	107	107	L	107 107
Sulphurated Potassa.....											E	
Liver of Sulphur.....											S	
POTASSII CHLORIDUM												L L
Potassium Chloride.....												E E
Pot. Chlorid.....												A A
POTASSII HYPOPHOSPHIS							108	108	108	108	108	L
Potassium Hypophosphite.....												E
Pot. Hypophos.....												A
POTASSII SULPHAS	109	109	109	109	109	109	109	109	109	109	109	L L
Potassium Sulphate.....												E E
Pot. Sulph.....												A A
PRUNUM				110	110							L L
Prune.....												E E
PULSATILLA								111	111			L L
Pulsatilla.....												E E
Pasque Flower.....												S S
Pulsatil.....												A A
PUMEX												L L
Pumice.....												E E

104—See **PLUMBI CARBONAS**, U. S. P.
 105—See **PLUMBI IODIDUM**, U. S. P.
 106—See **PLUMBI OXIDUM RUBRUM**, U. S. P.
 107—See **POTASSA SULPHURATA**, U. S. P.
 108—See **POTASSII HYPOPHOSPHIS**, U. S. P.
 109—See **POTASSII SULPHAS**, U. S. P.
 110—See **PRUNI PULPA**, U. S. P.
 111—See **PULSATILLA**, U. S. P.

N. F. Titles, Synonyms and Abbreviations.	Issues of U. S. P. and N. F. †												
	20	30	30*	40	50	60	70	80	90	00	10	20	
QUERCUS	112	112	112	112	112	112	112	112	112	112	112	L	L
Quercus.....												E	E
White Oak Bark.....												S	S
Querc.....												A	A
QUILLAJA								113	113	113		L	L
Quillaja.....												E	E
Soap-tree Bark.....												S	S
QUINIDINA												L	L
Quinidine.....												E	E
Quinid.....												A	A
QUININÆ GLYCEROPHOSPHAS												L	..
Quinine Glycerophosphate.....												E	..
Quinine Glycerinophosphate.....												S	..
Quin. Glycerophos.....												A	..
QUININÆ HYPOPHOSPHIS												L	..
Quinine Hypophosphite.....												E	..
Quin. Hypophos.....												A	..
QUININÆ VALERAS						114	114	114	114			L	..
Quinine Valerate.....												E	..
Quin. Valer.....												A	..
RENNINUM												L	L
Rennin.....												E	E
RHAMNUS CATHARTICA			115									L	L
Rhamnus Cathartica.....												E	E
Buckthorn Berries.....												S	S
Baccæ Spinæ Cervinæ.....												S	S
Rham. Cath.....												A	..
Rham. Cathart.....												..	A
RHUS GLABRA	116	116	116	116	116	116	116	116	116	116	116	L	116
Rhus Glabra.....												E	..
Sumac Berries.....												S	..
Rhus. Glab.....												A	..
RUBI FRUCTUS												L	..
Blackberries.....												E	..
RUBI IDÆI FRUCTUS								117	117			L	L
Raspberries.....												E	E
Rub. Id. Fruct.....												..	A
RUBUS	118	118	118	118	118	118	118	118	118	118	118	L	L
Rubus.....												E	E
Blackberry Bark.....												S	S
RUMEX							119	119	119	119		L	L
Rumex.....												E	E
Yellow Dock.....												S	S
Curled Dock.....												S	S

112—See **QUERCUS**, U. S. P.
 113—See **QUILLAJA**, U. S. P.
 114—See **QUININE VALERAS**, U. S. P.
 115—See **RHAMNI BACCA**, U. S. P.
 116—See **RHUS GLABRA**, U. S. P.
 117—See **RUBUS IDAEUS**, U. S. P.
 118—See **RUBUS**, U. S. P.
 119—See **RUMEX**, U. S. P.

N. F. Titles, Synonyms and Abbreviations.	Issues of U. S. P. and N. F.†									00	10	20	
	20	30	30*	40	50	60	70	80	90				
SABAL										120	120	L	
Sabal.....												E	
Saw Palmetto Berries.....												S	
SAMBUCUS	121	121	121	121	121	121	121	121	121			L L	
Sambucus.....												E E	
Elder Flowers.....												S S	
Sambuc.....												A A	
SANGUINARIA	122	122	122	122	122	122	122	122	122	122	122	L	
Sanguinaria.....												E	
Blood Root.....												S	
Sanguin.....												A	
SANTALUM ALBUM												L L	
Sandal Wood.....												E E	
White Sandal Wood.....												S S	
Santal. Alb.....												A A	
SASSAFRAS	123	123	123	123	123	123	123	123	123	123	123	L	
Sassafras.....												E	
Sassaf.....												A	
SASSAFRAS MEDULLA	124			124	124	124	124	124	124	124	124	L L	
Sassafras Pith.....												E E	
Sassaf. Med.....												A A	
SCOPARIUS	125			125	125	125	125	125	125	125	125	L L	
Scoparius.....												E E	
Broom Tops.....												S S	
Scopar.....												A A	
SCUTELLARIA						126	126	126	126	126	126	L L	
Scutellaria.....												E E	
Skullcap.....												S S	
Scutell.....												A A	
SENECIO												L L	
Senecio.....												E E	
Life Root.....												S S	
SODII ARSENAS							127	127	127	127	127	L	
Sodium Arsenate.....												E	
Natrii Arsenas, P. 1.....												S	
Sod. Arsen.....												A	
SODII ARSENAS EXSICCATUS											128	128	L
Exsiccated Sodium Arsenate.....													E
Sod. Arsen. Exsic.....													A
SODII CARBONAS EXSICCATUS	129	129	129	129	129	129	129	129	129	129	L		
Dried Sodium Carbonate.....												E	
SODII GLYCEROPHOSPHAS												130	L
Sodium Glycerophosphate.....													E

120—See **SABAL**, U. S. P.
 121—See **SAMBUCUS**, U. S. P.
 122—See **SANGUINARIA**, U. S. P.
 123—See **SASSAFRAS**, U. S. P.
 124—See **SASSAFRAS MEDULLA**, U. S. P.
 125—See **SCOPARIUS**, U. S. P.
 126—See **SCUTELLARIA**, U. S. P.
 127—See **SODII ARSENAS**, U. S. P.
 128—See **SODII ARSENAS EXSICCATUS**, U. S. P.
 129—See **SODII CARBONAS EXSICCATUS**, U. S. P.
 130—See **SODII GLYCEROPHOSPHAS**, U. S. P.

N. F. Titles, Synonyms and Abbreviations.	20	30	30*	Issues of U. S. P. and N. F. †							10	20
				40	50	60	70	80	90	00		
Sodium Glycerinophosphate.....												S
Sod. Glycerophos.....												A
SODII HYPOPHOSPHIS							131	131	131	131	131	L
Sodium Hypophosphite.....												E
Sod. Hypophos.....												A
SODII PERBORAS											132	L
Sodium Perborate.....												F
Sod. Perbor.....												A
SOLANUM												L
Solanum.....												E
Horse-nettle Berries.....												S
Solan.....												A
STILLINGIA	133			133	133	133	133	133	133	133	133	L
Stillingia.....												E
Queen's Root.....												S
Stilling.....												A
STRONTII CARBONAS												L
Strontium Carbonate.....												E
Stront. Carb.....												A
STRYCHNINA				134	134	134	134	134	134	134	134	L
Strychnine.....												E
Strych.....												A
STRYCHNINÆ GLYCEROPHOSPHAS												L
Strychnine Glycerophosphate.....												E
Strychnine Glycerinophosphate.....												S
Strych. Glycerophos.....												A
STRYCHNINÆ VALERAS												L
Strychnine Valerate.....												E
Strych. Valer.....												A
SUCCUS CITRI												L
Lime Juice.....												E
Suc. Cit.....												A
SUCCUS POMORUM												L
Fresh Apple Juice.....												E
Suc. Pomor.....												A
TALCUM PURIFICATUM								L	L	135	135	135
Purified Talcum.....								E	E			
TAMARINDUS	136	136	136	136	136	136	136	136	136	136	136	L
Tamarind.....												E
Tamarind.....												A
TARAXACUM	137	137	137	137	137	137	137	137	137	137	137	L
Dandelion.....												E
Tarax.....												A

131—See **SODII HYPOPHOSPHIS**, U. S. P.
 132—See **SODII PERBORAS**, U. S. P.
 133—See **STILLINGIA**, U. S. P.
 134—See **STRYCHNINA**, U. S. P.
 135—See **TALCUM PURIFICATUM**, U. S. P.
 136—See **TAMARINDUS**, U. S. P.
 137—See **TARAXACUM**, U. S. P.

N. F. Titles, Synonyms and Abbreviations.	Issues of U. S. P. and N. F.†											00	10	20	
	20	30	30*	40	50	60	70	80	90	100	110				
TEREBINTHINA	138	138	138	138	138	138	138	138	138	138	138	L	L		
Turpentine.....												E	E		
Terebinth.....												A	A		
TEREBINTHINA LARCIS												L	..		
Venice Turpentine.....												E	..		
Larch Turpentine.....												S	..		
Terebinth. Laric.....												A	..		
THUJA										139		L	L		
Thuja.....												E	E		
Arbor Vitæ.....												S	S		
THYMUS												L	L		
Thyme.....												E	E		
TONGA	L		
Tonga.....												..	E		
TRIFOLIUM												L	L		
Trifolium.....												F	F		
Red Clover Blossoms.....												S	S		
Trifol.....												A	A		
TRILLIUM												L	L		
Trillium.....												F	F		
Beth Root.....												S	S		
Trill.....												A	A		
TRITICUM										140	140	140	140	L	
Dog Grass.....												..	E		
Couch Grass.....												..	S		
Tritic.....												..	A		
VANILLA										141	141	141	141	L	L
Vanilla.....												..	F	F	
Vanilla Bean.....												..	S	S	
VERATRINA						142	142	142	142	142	142	142	142	L	
Veratrine.....												..	E		
Veratria.....												..	S		
Veratrin.....												..	A		
VERBASCI FLORES												L	L		
Mullein Flowers.....												..	F	F	
Verbasc. Flor.....												..	A	A	
VERBASCI FOLIA												L	L		
Mullein Leaves.....												..	E	E	
Verbas. Fol.....												..	A	A	
VERBENA												L	..		
Verbena.....												..	F	..	
Blue Vervain.....												..	S	..	
Verben.....												..	A	..	
VIBURNUM OPULUS												143	143	L	..
Viburnum Opulus.....												..	E	..	
High Bush Cranberry Bark.....												..	S	..	
Viburn. Opul.....												..	A	..	

138—See **TEREBINTHINA**, U. S. P.

139—See **THUJA**, U. S. P.

140—See **TRITICUM**, U. S. P.

141—See **VANILLA**, U. S. P.

142—See **VERATRINA**, U. S. P.

143—See **VIBURNUM OPULUS**, U. S. P.

N. F. Titles, Synonyms and Abbreviations.	20	30	30*	Issues of U. S. P. and N. F. †									
				40	50	60	70	80	90	00	10	20	
VIBURNUM PRUNIFOLIUM									144	144	144	144	L
Viburnum.....													E
Black Haw.....													S
Viburn. Prun.....													A
XANTHOXYLI													L L
Prickley Ash Berries.....													E E
Xanthox. Fruct.....													A A
ZEA									145	145	L	L	L L
Zea.....													E E
Corn Silk.....													S S
ZEDOARIA													L L
Zedoaria.....													E E
Zedoar.....													A ..
ZINCI OLEO-STEARAS													L ..
Oleo-Stearate of Zinc.....													E ..
ZINCI PHENOLSULPHONAS												146	146 L
Zinc Phenolsulphonate.....													E
Zinc Sulphocarbolate.....													S
Zinc. Phenolsulph.....													A

144—See **VIBURNUM PRUNIFOLIUM**, U. S. P.

145—See **ZEA**, U. S. P.

146—See **ZINCI PHENOLSULPHONATE**, U. S. P.

OREGON AGRICULTURAL COLLEGE,
SCHOOL OF PHARMACY, HEALTH SHOW
AND EDUCATIONAL EXPOSITION.

The 1927 health show of the School of Pharmacy, held in connection with the annual college educational exposition, was the most successful exhibit ever put on by the School of Pharmacy. By means of especially prepared displays, it was the aim to show various simple methods used to maintain good health. A large doll and small water bottles were used to show the points on the body where a water bottle should be applied to relieve congestion and pain. Medicine cabinets were on display and visitors were furnished with a printed list of household remedies. Two bulletins, "How to Avoid Catching Cold" and "First Aid Suggestions," were also distributed. A card, with a bath thermometer, showed the effect of different temperatures of the bath on the human body. There was also an exhibit showing various colored chemicals, crystallized on copper wire. In the laboratory, students' conducted experiments showing the distillation of oil of peppermint, the making of solid alcohol and the manufacture of several pharmaceutical preparations, such as emulsions, lotions and cold creams.

A COLLECTION OF POLISH DRUGS.

PRESENTED BY PROF. MUSZYNSKI TO LONDON
MUSEUM.

Angelica Sylvestris, Anthyllis vulneraris, Arnica montan, Artemisia Absinthium, Briza media, Carex hirta, Centaurea Cyanus, Centaurea pulchella, Chimaphila umbellata, Equisetum arvense, Equisetum hyemale, Equisetum limosum, Eriophorum vaginatum, Fragaria vesca, Geranium palustre, Geum rivale, Gladiolus communis, Hierochloe borealis, Hypericum perforatum, Jasione montana, Ledum palustre, Lythrum Salicaria, Matricaria Chamomilla, Melilotus officinalis, Mentha aquatica, Mentha crispa, Mentha piperita, Menyanthes trifoliata, Nymphaea alba, Pedicularis palustris, Peucedanum palustre, Polygala vulgaris, Polygonum Bistorta, Polypodium Dryopteris, Potentilla argentea, Potentilla Tormentilla, Prunella vulgaris, Pyrola chlorantha, Pyrus Aucuparia, Rumex Hydrolythum, Ruta graveolens, Saponaria officinalis, Saxifraga granulata, Scrophularia nodosa, Silene Cucubalus, Silene nutans, Spiraea Filipendula, Thymus Serpyllum, Trifolium montanum, Vaccinium Vitis Idæ, Valeriana officinalis, Veronica officinalis.