

### News of Columbia Society

(Miss Ella Wyatt, society editor, will appreciate it if you will telephone society items between 11 and 12 o'clock. Telephone 27A.)

Mrs. W. S. Boales of St. Louis, who has been visiting her daughter, Mrs. Dudley S. Conley, returned to her home today.

The marriage of Miss Gladys Udell and Edward Orr, both of St. Louis, took place at the home of the bride's grandparents, Mr. and Mrs. M. R. Udell, in St. Louis at 8 o'clock last night. The Rev. Dr. Samuel H. Woodrow of the Pilgrim Congregational Church officiated. A small reception was held after the wedding, following which the couple departed on a wedding trip. Upon their return they will be at home at 5 South Taylor avenue.

The bride is a graduate of the University of Missouri and a member of the Kappa Kappa Gamma sorority. Mr. Orr is a graduate of the University of Wisconsin.

Mrs. Guy L. Noyes, 311 Hill street, entertained with a party for her son Jack. The guests were Virginia Babb, Sallie Barth, Jane Barth, Mary Martha Catron, Rose Collier, Jacqueline Parks, Louise Parks, Helen Gattler, Anna Katherine Dorgan, Bernice M. Alester, Peggy Clark, Fannie Loeh, Betty Loeh, Ruth Moulton, Marjorie Tremblaine, Virginia Guitier, Helen Schwidge, June Merlam, Fred Smith, Jack Miller, Samuel Braden, Howard Pyle, Junior Stephens, Sonny Sykes, Frank Martin, Gordon Tremblaine, Stanley Ingold, William Neate, George Miller, Frank Hendrick, Sam Dinges, Albert Persons, George McTurney, George Lefevre, Bobby Ramsey, Buddy Kelly, Thomas McHarg, and Jimmie George, and Jack Terrill. Those also sitting were Virginia McAlester, Anne McBaine, Laura Gail Bowling, Katherine Miller, Turner McBaine and Harold Kline. The children had a band parade in which each child played some instrument, the boys had horns, flutes and drums, while each girl played an accordion. A waltz parade was then held in which the children were masked and made to represent pumpkins, kittens, etc. The children then collected around Miss Ella V. Dobbs who finished up the party by telling stories. Each little girl received a Japanese fan and a nosegay of candy. The boys were given Japanese puzzle boxes and cornucopias.

Professor Albert Lefevre of the University of Virginia, is visiting his brother, Professor George Lefevre, 703 Maryland place.

Mr. and Mrs. H. E. Renoe left yesterday for their home in St. Louis after a visit with Mr. and Mrs. F. E. Weed on 1012 Walnut street.

Mrs. G. H. Sabine, 502 Edgewood avenue, entertained from 7 to 9 o'clock with a candy pull for George Barr Sabine and Mary Sabine. Those present were: Regina Almstead, Margaret Almstead, Ruth Almstead, William Jeffers, Max Shepard, Mildred Shepard, Marguerite Tipton, Virginia Persons, William Persons, Rachel Hedrick, Ruth Courault, Karl Maneval, Martha Ann Martin, Otto Meyer, and Paddy Tremblaine.

Mrs. Dale C. Berond of St. Joseph, arrived last night to visit her father and mother, Mr. and Mrs. W. R. Boswell, 13 W. Broadway.

Mr. W. G. Johnston went to St. Joseph yesterday. He will be gone a week.

Mrs. J. S. Ankray, 906 Conley avenue, entertained with 1 o'clock studio luncheon today. Those present were: Mrs. E. P. Bair, Mrs. J. C. Jones, Mrs. Walter Miller, Mrs. J. W. Rankin, Mrs. P. V. Keflogg, Mrs. J. F. Beaman, Mrs. Florence Hollins Gray, Mrs. Guy L. Noyes, Mrs. John Pickard, Mrs. R. H. Jesse, Mrs. M. P. Ravenel, Miss Pearl Mitchell, Mrs. N. T. Gentry, Mrs. E. J. McCausland and Mrs. Jane A. Hurty.

The Y. M. C. A. will give an open house tomorrow evening for all students who are attending the Christmas holidays in Columbia. Marshmallows will be tossed around the fireplace and the building will be thrown open to visitors.

Mrs. A. H. R. Fairchild, 708 Maryland place, entertained this evening at 6:30 o'clock with a post-Christmas dinner. There were sixteen guests.

Miss Sara Ann Wheeler of Chicago was the guest of honor at a dance given last evening at the Pi Kappa Alpha fraternity house by Miss Mary Evans and Miss Gladys Tandy. The guests were: Misses Frances Wayne Allen, Mable Berry, Helen Angell, Rose Banks, Sigmond Ballenger, Louise Chandler, Dorothy Graves, Caroline Cotton, Mary Fern Kampshmidt, Virginia Harris, Mary Gentry, Virginia Hunt, Gertrude Winn, Ruth Mumford, Grace Tandy, Dorothy Hedrick, Evalina Wright, Anna Katherine Sykes, Sara Ann Wheeler, Romola Walker, Mildred Tandy, Mitchell Gray, Dudley Miller, Harold Ross, Robert Cunningham, Morris Givens, Robert Simpson, Claude Thomas, John Arthur Buchroeder, Frank Harris, Marvin Cannon, Garland Ruffel, Edward Sutton, John Hamilton, Tyler Harris, Virgil Blackmore, Eugene Fandker, William Hulet, J. P. Estes, Claude Hatton, Lhamon Sapp and Francis Hulet.

The chaperons were: Mr. and Mrs. N. D. Evans, Mr. and Mrs. F. A. Tandy, Mr. and Mrs. Claude Wheeler of Chicago.

Members of the Association of Schools and Departments of Journalism, who are attending an annual convention here, were guests at dinner at the home of Dean Walter Williams last night.

Delegates to the annual meeting here of the Association of Schools and Departments of Journalism were guests of the Round Table Club at a luncheon at the Daniel Boone Tavern today.

Mrs. J. W. Hudson, 417 Hill street will entertain with a tea from 3 to 6 o'clock Thursday, December 30. In the receiving lines will be Miss Margaret Jones; Mrs. J. S. Ankray and Miss Anna Page. Mrs. J. S. Ankray will pour tea. Assisting will be Mrs. J. C. Jones, Mrs. A. H. R. Fairchild, Mrs. Jonas Viles, Mrs. C. B. Rollins and Miss Mary Gentry. In the dining room will be Miss Caroline Gentry, Miss Adeline Gentry, Miss Caroline Pickard, Miss Ruth Rollins, Miss Katherine Jones, Miss Katherine Bain and Miss Edith Miller. There will be 100 guests.

Judge and Mrs. Newman Here. Judge and Mrs. Oscar W. Newman of Columbus, Ohio, are spending the holidays with their daughter and son-in-law, Lieut. and Mrs. Paul V. Kellogg at 1321 Ross street.

The following persons registered yesterday at the Daniel Boone Tavern: J. T. Hays, Boonville; Norman J. Radler, Bloomington, Ind.; Grant M. Hyde, Madison, Wis.; Susan J. Dibelka, Chicago; Will H. Mayes, Austin, Tex.; J. C. Blair, Cleveland, Ohio; L. L. Flint, Lawrence, Kan.; Mr. and Mrs. Willard H. Campbell, Norman, Okla.; W. Marshall Flannibal, Mo.; W. B. Bond, Moberly; W. Ferrier, Sedalia; Frank L. Farley, Kansas City; C. H. Angell, F. F. Mayer, M. J. Barry, Jr.; J. P. Jamieson, E. W. Beikel, St. Louis.

Athens Hotel—Mrs. Florence Williams, Chillicothe; James Watson, Chicago; Tony Balsamo, John Fenton, Essex Rowland, Columbia.

Central—Ellis Sampson, Hartsburg.

THE CALENDAR  
December 28-29.—Payment of University registration fees. Registrar's office.  
December 31 and January 1.—Registration for the winter term.  
January 7.—Debate, Columbia High School and Boonville High School.  
January 7-8.—Basketball, Missouri vs. Jan. 12.—European Student Relief Benefit in University Auditorium, 7:30 p. m.  
January 19-20.—Musical revue, "The Opening Show," auspices St. Mary's Guild.  
January 18.—Poetry Show—Boone County Poetry Association.  
January 19, 20, 21.—Meeting of Missouri Farm Bureau Federation.

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### SCIENTISTS TO VISIT AMAZON

Will Make Search for Plants and Drugs of Possible Medical Value.

By United Press.

PHILADELPHIA, Dec. 28.—A party of chemists and scientists, headed by Dr. H. H. Rusby, dean of the school of pharmacy at Columbia University, will sail shortly for a scientific exploration of the Amazon Valley, in a quest for new plants and drugs of medical value. A government expert in entomology, an authority on ichthyology from the University of Indiana, and experts from other institutions will accompany the expedition, which is expected to last a year. New species of reptiles, fishes and insects will be sought by the party which is being financed by the H. K. Mulford Co., manufacturing and biological chemists here.

The general route will be the country along the base of the Andes from Villavieja, southeast of Bogota, to Calabar, several hundred miles south. Here land travel will be abandoned for the descent of the Umanes river. On reaching the Rio Negro, the party will descend to its mouth at the Amazon, and ascend the Madeira, the largest southern tributary of the Amazon river. Frequent stops will be made and collections of plants and drugs taken in the mountains.

While the primary object of the expedition will be the search for new drugs and plants and their study, special attention will be paid to the habits of natives expected to be encountered there, snake poisons, and particularly the manufacture of blow-gun and arrow poisons. A superior quality of rubber said to flourish there will be closely examined and specimens taken by specialists on that subject.

Elaborate preparations have been made for an exhaustive study of the plants and drugs. According to present plans, Dr. Rusby will classify botanically all collections. Microscopical study will be made by Professor Ballard of Columbia, Schneider of Nebraska, and Newcomb of Montana. Professors Army of Columbia, Jordan of Purdue, and Sayre and Haverhill of Kansas will ascertain chemical values. Physiological and medicinal properties will occupy the attention of medical men from Yale, Harvard and other large colleges.

As six months are expected to be spent in sections entirely isolated from civilization, an ample supply of food and medicine will be taken along. Quinine in bismutate form will be an important item, as this alkaloid is said to offset malarial fever. While intending to bag only such game as comes within easy reach, the party will be well-armed to guard against possible native hostility. Aborigines at Calabar and along the Umanes are reported to have shown marked hostility toward the whites.

SHOVELING IS REAL SCIENCE  
Booklet by F. W. Taylor Contains Many Facts About Subject.

Shoveling, to most people, is just a job. The average man will question whether there is much, yet a careful investigation of the subject will reveal that there is considerable science to it. So much is there that Frederick W. Taylor, a pioneer and leader in the present day

### efficiency movement, has written a booklet on the subject. This booklet is especially interesting to the prospective mining engineer.

By selecting two or three first-class shovelers, and gradually varying the shovel load and having all the conditions of the accompanying work carefully observed for several weeks by men who were used to experimenting, it was found that a first-class man would do his biggest day's work with a shovel load of twenty-one pounds. It is evident, of course, that no shoveler can always take a load of exactly twenty-one pounds on his shovel, but although his load may vary three or four pounds from twenty-one, he will do his biggest day's work when his average is about twenty-one pounds.

There are several other elements which enter into building up shoveling as a science. Thousands of stop-watch observations were made to study just how quickly a laborer, provided with a proper kind of shovel, can push his shovel into a pile of material and then draw it out loaded. Again, similar study was made of the time required to swing the shovel backward and to throw the load for a given horizontal distance, accompanied by a given height.

With data of this sort before him, coupled with laws of endurance, it is evident that men who direct the shovelers can first teach them the exact methods which should be employed to use their strength to the best advantage, and can then assign them daily tasks that are so just that the workman can each day be sure of earning the large bonus which is paid whenever he successfully performs his task.

FERTILIZER BULLETIN READY  
Publication Gives Data on 800 Samples—to Be Sent to Farmers.

The College of Agriculture is sending to press a publication covering the results of an inspection of commercial fertilizers sold in Missouri in 1920. It includes data about 800 distinct samples analyzed in the chemical laboratory of the Experiment Station.

The sale of commercial fertilizers in Missouri has increased materially during the last few years. To improve the quality offered for sale, the Legislature has empowered the Agricultural Experiment Station to control the sale of these

### SAPP BROS.

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First class workmanship and prompt service guaranteed. Work called for and delivered without extra charge. 810 Broadway Phone 315

To carry out this idea, the gathering of samples is left to a force of inspectors who collect them from warehouses, freight cars, dealers, farmers' wagons, in the field or wherever found. The collected samples are sent at once to the chemical laboratory of the Experiment Station, where they are analyzed to determine whether or not the guarantee of the manufacturer is truthful. At the present time eleven chemists are employed to do this work.

The final results are printed and then distributed to dealers, farmers and county agents. Publicity is given in these publications to the failure of manufacturers or dealers to comply with the law.

The success of the Experiment Station in the protection of farmers is best shown by the increased number of manufacturers who consult with the Experiment Station authorities before placing their brands of fertilizers upon the market.

WANTED—A bright, intelligent young lady between the ages of 18 and 25 for bookkeeper and answering telephone, experience unnecessary. Apply in person. RICHARDS MARKET

Fine Shoes  
Heberling  
Shoe Repairing System  
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TAXI  
All Closed, Heated Cars  
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Suits Made-to-Measure  
Cleaning—Pressing—Altering  
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LEARN TO DANCE  
Private Lessons By Appointment Only  
MRS. JAMESON  
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The Famous Shoe Shiner at the  
Tiger Barber Shop  
Will Shine Shoes on Sunday  
From now on we expect to stay open on Sundays  
"Henry Shines on Sunday"

ATHENS MILLS  
HIGH PATENT  
BOONE COUNTY MILLING & ELEVATOR CO.  
THE ONE SATISFACTORY FLOUR  
Every ounce of HP Flour is real flour—rich in food value and uniform in quality.  
Our selection of only the best wheat raised in Boone County and our system of milling makes possible the manufacture of this supremely satisfactory flour.  
"HP Satisfaction" for sale by all grocers or call No. 9 Boone County Milling and Elevator Co. Makers of Red Ring Feeds.

Tiger Taxicab Company  
Dance and Party Calls a Specialty  
Phone 1199  
Day and Night Service All Big New Cars

### More Good News In the YEAR-END Sale

All the past month you've been buying things for other people, perhaps. Now comes the time to buy things for yourself and for your own home; and besides, if you find what you want among our Year-End Bargains, you will secure many wanted things for one-third to one-half, or less than half of the prices that you would have had to paid a few months ago.

Of course, quantities are small in many cases, for these are chiefly odd lots and remnants, so it will pay you to come early to be sure the best bargains are here.

Silk and Wool Remnants  
Dress Goods in lengths suitable for Children's Dresses, Waists, Skirts, Dresses, etc. For One-Half Regular Prices and Less.

Blankets  
For single and double beds, drastically reduced in price just at a time when needed most—the cold winter weather is here and you will no doubt need to replenish your bedding stock. This is your opportunity NOW in this big End of the Year Sale.

1-4 Off On All Table Linens This Week

Beautiful Table Linens, by the yard or pattern cloths including the handsome Derry Vale linen pattern cloths and napkins. One-Fourth Off Regular Prices.

Nashua soft woven, single bed blankets. Woven borders, pair ..... \$1.49  
Full size bed blankets firmly woven, soft and warm, 60x76. Very specially priced, pair ..... \$2.25

Extra large heavy Nashua cotton blankets, 72x80, assorted borders. Radically reduced, pair ..... \$2.95

Heavy white wool nap blankets with assorted woven borders, warm and durable. Very specially priced the pair ..... \$3.45

Extra heavy woolnap plaid blankets overlapped edges, 66x80. Pair ..... \$3.95

Largest size heavy woolnap blankets in assorted plaids, size 72x84. Radically reduced at the pair ..... \$4.39

Fancy plaid wool blankets of an excellent quality wool, 66x80. Very specially priced pair ..... \$6.95

Bed Comforts made from printed silkoline filled with new white cotton. Greatly underpriced ..... \$2.75

Bed comforts, heavy large size silkoline covered, 72x84. Very specially priced at ..... \$3.49

Bed comforts of extra fine printed silkoline and sateen cover, filled with white carded cotton, solid color sateen borders, 72x84. Radically reduced to ..... \$5.95

Bed comforts in assorted printed silkoline covers filled with new white cotton, at \$4.19

Best quality silkoline covered bed comforts, solid color sateen border, 72x84, filled with soft white carded cotton. Very specially priced at ..... \$7.95

Outing Flannels, mostly light patterns, yd. .... 19c

WE ARE MAKING EXTREME SACRIFICES ON ALL OUR SUITS, COATS, DRESSES, FURS, BATH ROBES, SHIRT-WAISTS ETC., IN THIS END OF THE YEAR SALE.

THEY ARE PRICED FROM ONE-THIRD TO ONE-HALF OFF OF REGULAR PRICES—MANY CHOICE GARMENTS TO SELECT FROM.

Corsets  
Specially priced this week—from \$1.00 to \$2.50 off on all Modarts, Nemo and Just-Rite corsets, ranging in price from \$4.00 up.  
Women's "Forest Mills" Winter Underwear reduced n price right when the pinch of winter comes—all priced at One-Fourth Off our regular low price on this high grade underwear. Better patch up that underwear which you have worn thin in spots, with a new suit at these special prices. Buy now.

John H. Estes

### BROADWAY ODEON

TONIGHT  
Usual House Prices  
Penelope's Father Was a Struggling Minister



So Penelope came to New York to help him.

She took up her abode at "39 EAST," and how do you suppose she employed her time? She joined the chorus of a popular musical review. Penelope wouldn't have stayed on the stage two minutes if her father had known.

Particularly, if he had known of the temptations she there encountered.

Penelope couldn't have told him of the temptations—because she didn't understand them herself. She was that innocent!

"Say It With Flowers"

Columbia Floral Co.