

The College World

LANGDON DISCOVERS GAS IN KELP PLANT

A discovery of unique scientific interest, the detection of carbon monoxide in the kelp plant, falls to the credit of Dr. S. C. Langdon of the chemistry department as a result of ten weeks of research at the Friday Harbor marine station this summer. Never before, according to local scientists, has the gas been found in any plant life.

The importance of the discovery, according to Professor George B. Rigg, of the science department, lies in the fact that all attempted explanations of photosynthesis, the process of the plant's building up of sugars and starches from carbon dioxide and water, have assumed the presence of carbon monoxide at some time during the chemical change, but the presence of the gas has never before been detected.

Canary birds, mice, guinea pigs, chickens and other small animals were sacrificed by Dr. Langdon in great quantities during his investigation. The gas, which is the same as illuminating gas, was present to the amount of about 12 per cent. Mixed with the air, it suffocated the animals in the space of a few minutes. Blood tests after death under the spectrum, with various other tests, showed unmistakably the nature of the gas. It is not present in sufficient quantities to injure human beings, Dr. Langdon asserts.

The American Chemical society, the world's greatest chemical gathering, will hear a paper by Dr. Langdon on his discovery at its meeting in New York this month. The paper will be presented for the writer by Dr. Harry L. Fisher of Columbus university.

"No previous investigation has been so thorough or so conservative in its deduction," Professor Rigg said today. "Whether or not the carbon monoxide is a part of the process of photosynthesis has not been determined, but its presence has been proven beyond doubt."—U. of W. Daily.

RELIC OF OTHER DAYS

If you would care to see how George O. Foster looked when he was a student, or how Uncle Jimmy Green parted his hair 25 years ago, go to the alumni association office in the south end of Fraser hall and look at a collection of university pictures and class albums, which date back to 1890. The relics were found a few weeks ago in one of the basement rooms of Spooner library and have been added to K. U.'s mementos of by-gone days.

There are five albums in the collection and half a dozen group pictures. The glee club and banjo club each have pictures and also the faculty of two different years when the total number of professors was not more than twenty-five. The prize picture is one taken of the entire university and was sent to the world's fair as a part of the educational exhibit of Kansas

The faculty members grace the first row and close behind them are the football heroes, attired in their "K" sweaters. In the rear of these are the students. There are about 300 persons in the entire group and the picture is believed to have been taken in 1892.

Class Picture a Custom
In the days when the classes were small it was the custom for each graduating class to leave an album, with a picture of each graduate in it. This was abandoned about 1900. Some of the albums are quite elaborate, one having a polished oak back, with a silver inscription, "Class of '91," on it. The dress of the students in 1890 in comparison with the styles of today make the albums and pictures interesting relics.

Styles Were Different Then
High collars with loosely tied neckties were worn and moustaches hid the lips of nearly all of the faculty members and many of the students. Double breasted coats, with two rows of buttons, that came nearly to the neck of the wearer, were also in style in those days. Prof. F. H. Snow was chancellor of the university at the time these pictures were taken.—Exchange.

THE COMPETITIVE SPIRIT

A noted English scholar who recently visited Yale and a number of other American colleges, expressed himself as being much surprised and not a little disappointed at what appeared to him to be the existence of a competitive spirit throughout the whole life of the typical American university. He said that abroad the highest educational ideal was the pursuing of truth for its own sake, rather than from the point of view of so doing in a hectic effort to do it better than some one else.

He emphasized his remarks by citing a particular activity indulged in by undergraduates both here and abroad, that of debating. With us, the sole emphasis is placed, by all connected with the teams, on winning the contest, whereas with our English college contemporaries, the chief emphasis is placed, if we are to believe reports, on the effort to shed as much light as possible on the subject under discussion.

We have heard much of the English ideal of pursuing truth for its own sake, and we are inclined to think that the point may be a bit exaggerated. For surely the English undergraduate, even more wedded to competitive sports than his American cousin, must introduce a certain amount of this same competitive spirit into his work. The fact is that with us, the competitive point of view that our English visitor spoke of is merely the reflection of the wholesome American competitive spirit in our colleges.

That this spirit, as applied to the affairs of the world without college, is positively essential in the development of the best effort, has been affirmatively and conclusively proved in the history of this country. Whether it should permeate, as it does, the whole fabric of college life, the curriculum as well as extra-curriculum activities, is another question. Perhaps, if we might emulate the other ideal more fully, and especially in matters of scholarship, our academic environment might be a bit more refreshing.—Yale Daily News.

AVOID MUCH TROUBLE

BY PASTEURIZING WHEY
More Wisconsin cheese factories should pasteurize whey before returning to patrons.

These reasons for the adoption of this system of sanitation and business economy have been set forth by J. L. Sammis of the dairy department of the University of Wisconsin:

"It checks the spread of live stock diseases, transmitted from farm to farm in whey cans.

"Patrons prefer the warm, sweet whey in place of the cold, sour product. Animals like it better and main-

tain better health by its use as food. "Pasteurization of whey improves the quality of the cheese, because tanks, cans and milk do not become infected with the impurities of preceding days. (One Swiss cheese factory in the state which was on the point of closing down in July because of 'bloomed' cheese, installed a system of pasteurization of whey, which stopped the trouble at once.)

"Foul odors around the whey tank, so persistent and annoying in many factories, are often greatly reduced by pasteurizing the whey.

"The cost involved is small. A few feet of galvanized iron pipe and a steam valve, plus a small quantity of coal each month will do the work."

Minnesota already has a law providing for the pasteurization of whey, and Ontario, Canada, has adopted a similar one to go into effect next April. Why not, Wisconsin?

Farmers as well as dairy manufacturers are becoming interested in the plan.—Exchange.

DRILL CREDIT FOR MEN NOW IN BORDER SERVICE

Credit for military drill in the University of Wisconsin regiment will be given to freshmen and sophomores returning from duty on the Mexican border, according to Commandant P. G. Wrightson. No general rule as to the amount of credit will be laid down, but each will receive what his training, time of service, and ability to perform duty as an army officer merit.

The returning students will have had training in the practical side of army life, but they will need further preparation in the theoretical side. These points will be taken up in the sophomore year, while drill and the physical side of army life will be emphasized in freshman year.

Each sophomore will have theoretical command of 150 men camped near the city and ready for active service against an invader. During class hours, these officers will be instructed in mobilizing their men, equipping them, transporting, drilling, and conducting them in battle. Experience in summer military training camps has shown the training needed. Commissions of officers in the university regiment who are now on the border will be retained for them until their return.

A short period of actual encampment is now being planned to take place at Camp Douglas next June, to give an opportunity for rifle practice and army maneuvers which cannot be given in drill.—Exchange.

JOURNALISM IN KANSAS

This newspaper business is a great game. Just in the midst of an obituary of a dear friend and when hot tears threaten to flow down and blot out the words you write, there breaks through the office door the radiant face of the daddy of a new boy! Tears and joy mingle in the same breath, and the giving and taking away of life are recorded on the same page.

Before you have finished the obituary the breezy advance man for a comedy show pops in and asks you to write a scream for his forty fat, frolicsome fairies and how joyous they are. Before you have done with the kind words about your departed friend, the joy over the new baby and finished the showman's ad a fellow sneaks in to ask you to suppress the story of the fight that he was mixed up in. Then, after putting all the lace and trimmings on the bride's wedding gown, dressing the groom in the conventional black and starting them off with congratulations and best wishes, you turn again to the tear side of life and write: "But the stately ship moves on, to the haven under the hill, and, oh! for the touch of a vanished hand, and the sound of a voice that is still."

Then comes a lull and the old typewriter is content to record the commonplace facts, knowing that just around the corner and each awaiting his turn, stand Joy, Grief, Sorrow, Mirth, Sarcasm, Wit and Laughter.—Oakley Graphic.

The University of Southern California at Los Angeles, has appointed F. J. Baum, now associated with the Los Angeles Times, as instructor in advertising. Mr. Baum will give courses in "Advertising as a Business Force," "The Writing of Advertising," "Newspaper Advertising" and "Newspaper Administration," and will retain his present position.

He was formerly president of the Baum-Minor Agency in Los Angeles, and has had agencies in New York and Chicago. For some time he was chief of the copy department for Swift & Co., in the latter city. Mr. Baum's ex-

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perience also includes army service as a lieutenant in the Philippines, the editorship of the Photoplayers' Weekly and work as general manager of the Oz Film Manufacturing company. He holds an LL. D. degree from Cornell university.

That the interest of college students in advertising instruction is growing rapidly is evidenced by the fact that while the University of Southern California offered only one course in advertising, given by Professor Bruce Bliven of the department of journalism, two years ago, there are now eight courses in the subject, three instructors, and a total of three and one-half years of work. Students in the department will this year solicit and write the advertising for the student daily paper, the Trojan.

SCHOOLS IN WHEELS

So many things are on wheels, nowadays, that it is scarcely surprising to learn of a school in California that is held in a boxcar. Here children whose fathers comprise a railroad section gang are being taught daily, and the school is proving such a success that the superintendent has asked for an old passenger coach, which will be fitted with benches and blackboards. Such a car will be easier to heat, and here the school will be continued when cooler weather comes. The story is matched by one from Blackburn college, Carlinville, Ill., where two Pullman sleeping cars have been transferred to brick foundations, near the college buildings, where they are used as dormitories. Their popularity with the students is easy to understand. As David Copperfield said of the old barge which Mr. Peggotty turned into a house, "Never having been designed for any such use, it became a perfect abode."—Christian Science Monitor.

GET 18,000 QUERIES CONCERNING LUMBER
Over 1,000 samples of wood submitted for identification have been examined by the Forest Products laboratory, Madison, during the past year. Over 18,000 inquiries on the properties and uses of American trees were received in that time. Sawdust, fibrous materials, chips, roots, dye-woods, and barks, as well as pieces of furniture, sections of ties and timbers, were submitted.

"The Preservation of Structural Timbers," a textbook by H. F. Weiss, director of the laboratory, which has just gone into a second edition, is now in use in classes in eleven uni-

FIND MANY POSITIONS FOR WOMEN STUDENTS
More positions than applicants are reported by the employment bureau for women students at the University of Wisconsin this fall. Every applicant, except those desiring stenographic work, has been placed so far. About fifteen women students have

been permanently placed in positions as waitresses and in private homes, and about twenty others have received other kinds of positions. In stenographic work, a field in which women compete with men, there are not enough openings.

More than 75 women students secured work last year through the employment bureau. Most of the positions consisted in waiting on table, taking care of children, reading, sewing, and work in private homes. Many of the students are dependent on this work to make possible college education.—Exchange.

Honolulu, Sept. 27.—One thousand shares of the capital stock of Olaa plantation have been presented by B. F. Dillingham, pioneer railroad builder and capitalist, to Mills school, which forms a unit of the Mid-Pacific institute. At the time of the presentation of the gift, Olaa was selling at \$190 a share. The revenue from the stock will be added to the general endowment fund. This year the Mid-Pacific institute will add fifteen new teachers to its faculties.—Exchange.

BOULDER IS CATLESS

Due to the demands of the zoology classes at the University of Colorado, the town of Boulder, at which place the university is located, has been declared catless. Great has been the rejoicing in "ratville."—Exchange.

MUSEUM RECEIVES RARE IMPLEMENTS

A rare collection of implements and clothing, used by the blond Eskimo of the Coronation gulf region, near Hudson bay, has recently been received by the university museum. The collection was brought here by a member of the Stefansson party returning from the arctic regions.

The collection, though small, is of exceptional value, for owing to the inaccessibility of the region, very little material has been brought from there. Among the articles are clothing, bows and arrows, a lamp, ladles and cooking implements.

"The university is fortunate in receiving this collection," said Curator Frank S. Hall of the museum, "because there is but one other in the country in any way similar to it, and that is at the University of Pennsylvania. The value is increased by the interest aroused in these tribes by Stefansson's work."

The material used by the blond Eskimo differs from that of other arctic tribes, which makes their work unique. Most of their utensils are made from the horns of the musk ox. One of the best specimens of the collection is a sinew back bok and arrows tipped with the native copper.

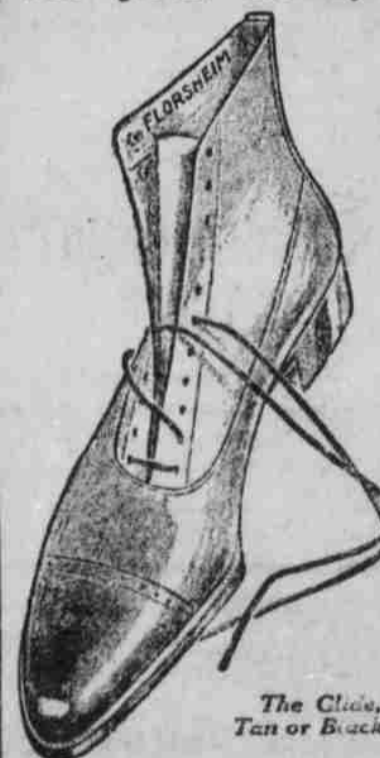
The blond Eskimo were named by Stefansson, who discovered them

while on his last expedition to the arctic. They differ in type from the Eskimo of Alaska and Siberia, and Stefansson believes they are of Scandinavian descent.—Exchange.



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