

# AUTO INDUSTRY USES CHEMISTS

## Laboratories Important for Test Purposes

Most people think of an automobile factory as a place for manufacturing and assembling mechanical units. But few realize the extensive chemical and metallurgical laboratories which the modern factory maintains. This should be of special interest to automobile buyers, for it is in the laboratory that science in all its branches is brought into play to safeguard the quality of the car.

"The thousands of dollars, which we spend for our laboratory equipment, are really spent to assure Chrysler owners years of care-free enjoyment and profit from their cars," says W. Ledyard Mitchell, vice president in charge of manufacturing of the Chrysler Motor corporation.

"We maintain a staff of trained chemists and metallurgists who keep a constant check on every piece of raw material purchased for the fabrication of Chrysler parts.

**Watch Raw Material**

"After the raw material has started through the process of manufacture it is constantly watched and inspected by these specialists to detect any flaw in the workmanship. Samples are taken to the laboratories between operations and there submitted to various tests.

"You can grasp some idea of the vigilance with which we guard Chrysler quality from a few examples.

"We have machines for testing the hardness and the tensile strength of steel, and the depth to which a part has been case-hardened.

"Parts such as the propeller and rear axle shaft are subject to a constant twist or 'torque' in service, therefore we have special and costly machines in which they are subjected to far greater strains than is possible in actual operation.

**Test Upholstery**

"We have ultra-violet ray equipment to test the dye in the upholstery material, and instruments which test its strength both with and against the warp. We make a 'pocket' of top material and allow water to stand in it for a long period of time to test its waterproof quality.

"These are just a few examples and there are hundreds of other tests just as exacting and important to the owner.

"It is this extreme care which we exercise in our choice of material together with the thousands of inspections which the Chrysler receives during its course of manufacture that has helped the Chrysler attain the supremacy it enjoys."

## TRACY RECITAL CHARMS SKOKIE SCHOOL PUPILS

BY R. H. M.

The children of Skokie school, and those parents who were fortunate enough to be present, had a genuine treat recently in the form of a piano recital given by Mrs. Ruth Alexander Tracy. With splendid musicianship and rare charm of manner Mrs. Tracy cast a spell over her audience, which was enthusiastic in its appreciation of her gifts.

The program opened with a Pastoral and a Capriccio by Scarlatti and the Harmonious Blacksmith of Handel, which were played with appreciation for the classic style and much tonal beauty. The Grieg Ballade in G Minor, Op. 24 (Variations on a Norwegian folk song) Mrs. Tracy played with breadth and authority. It was the piece de resistance, as well it might be on any program.

The next group took in some contemporary composers, our own John Alden Carpenter, whose Two Diversions were charmingly read, and Debussy, whose Girl with the Flaxen Hair and The Cathedral Engloutic were given with a feeling for rhythmic values and modern nuance.

The Liszt arrangements of Schubert's Hark! Hark! the Lark, and of Wagner's Spinning Song from the Flying Dutchman, brought the program to a stunning climax.

### SOPHS TAKE SWIM MEET

Soph mermaids of New Trier, under Captain Yonkers, swam off with the annual Inter-Class Swimming meet with a score of 30 points. The other class teams trailed them in the following order: Juniors 27, Freshman 21, and Seniors 16 points.

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## THE CALL OF THE OUTDOORS

By Will Dilg

(President, Isaak Walton League of America)

### THE COMING SPORT

NO outdoor sport—not even golf—has enjoyed such an increasing and spontaneous vogue as fly casting has during the past two years. This, the most scientific manner of fishing, has captured the imagination of the American angler.

Bait casting not long ago revolutionized fishing—took it out of the class of the cane pole and the spat-upon worm and made it a pastime aided by fine equipment and necessitating considerable skill.

Now comes fly casting, with its much finer and more delicate equipment, the more sensitive lures, the need for almost billiard-like touch on the part of the manipulator. Of course fly casting has been practiced for many years, but only recently has it become popularized. It is now the favorite method of angling not only for the trout, but for the black bass: "the game fish of the people."

The difference between bait casting and fly casting lies mainly in this: In casting a bait, you cast the bait itself, after the principle of a sling, the weight and momentum of the lure taking the line from the reel as it is cast. In casting a fly, the line, not the lure, is cast. The line is not taken from the reel at the moment of the cast, but is stripped

off by the angler in preparation for the cast. Then the line is cast—it travels forward in the form of a loop, carrying the dainty fly after it. For this reason lines for fly casting are much heavier than bait casting. As a boy you have doubtless many times taken hold of the end of a rope lying on the ground and have caused a running loop to travel along the rope by giving it a sudden peculiar twist. That is the principle of fly casting.

The fly rod is longer and much more flexible than the bait rod. The bait rod throws the lure forward like a bow, whereas the fly rod "wafts" the line out with its long sinuous motion. Playing a fish on the fly rod is the sportiest kind of fishing. It is always a matter of skill, never of strength.

Ask your fishing tackle dealer about the new trend in tackle. He will tell you that lighter rods, smaller lures, finer hooks, are in greatest demand. The tendency is toward sportsmanlike tackle. The tendency among sportsmen is to be more sportsmanlike in every way. We are realizing that this is not only a necessity, but a pleasure.

**EDITOR'S NOTE:** These articles by the pen of Will Dilg are published in the interest of the Winnetka chapter of the Isaak Walton League of America.

### Social Happings

Mr. and Mrs. Robert S. Laird, 225 Ridge avenue, with Mr. and Mrs. Edward Isom of New York, formerly of Winnetka, spent 10 days at Virginia Hot Springs.

Mrs. Gertrude Lieber of Ridge avenue, gave the address at the annual meeting of the Parent-Teacher association of Des Plaines, last Thursday evening.

Robert J. Mehren, 785 Walden road, and his two sons, Robert, Jr. and William, motored to Starved Rock for the week-end. They stayed at the Kas-karia hotel, La Salle.

Mrs. Alanson Follansbee, 674 Hill road, who has been traveling in Europe for the last two months, is expected home from her trip in a week.

Miss Elsie Berg, 436 Linden avenue, left Wednesday night for a week-end at Bloomington, Ill.

Mr. and Mrs. Earle Green, and their children, of 791 Walden road, will spend Decoration day at Streator, Ill.

Mrs. Ella Koontz Johnson's pupils appeared in recital on Saturday afternoon May 23, at the Winnetka Woman's club. Twenty-two numbers were artistically rendered.

Mr. and Mrs. Lincoln Pacey, 706 Ash street, will entertain 16 guests at dinner and bridge next Wednesday evening.

Mr. and Mrs. Julien C. Risk, formerly of Chicago, have moved into their new residence at 787 Foxdale avenue.

Dr. and Mrs. E. V. L. Brown and their entire family, of 529 Cedar street, will leave June 20, for a year's trip abroad.

Mr. John W. Scott and Miss Barbara Scott of Hubbard Woods, are at the Hotel Chatham, New York City.

Mr. and Mrs. Charles Jaedecke of 518 Rosewood avenue, entertained their dinner-bridge club last Saturday evening.

Earl Pierce of 603 Provident avenue, just returned from a business trip to Washington, D. C. and Bridgeport, Conn.

# MASONS NEARING 400 MEMBERSHIP

## Winnetka Lodge Is Host to Glencoe Masons

BY J. F. N.

On Thursday evening of last week a joint meeting of Glencoe and Winnetka Masonic lodges was held in the Winnetka Masonic temple, 708 Elm street, the visiting lodge conferring the third degree on an evening candidate.

The perfection of the degree work and the beauty of the music that Glencoe furnished on this occasion was an inspiration to the 200 men who witnessed the ceremonies. Glencoe lodge is to be specially congratulated on having such a splendid chorus.

At the conclusion of the degree work refreshments were served in the dining room. During the talks by the various officers of the two lodges, and in the good-natured banter between the various members, one could not help but sense the fact that "the cement of brotherly love" had united these two bodies very close indeed.

Winnetka lodge also had a special meeting on Thursday evening of this week, with work on the third degree; three candidates being raised to the degree of Master Mason. This class of candidates brings the membership of the lodge to almost 400, and the officers are now making plans for a big evening when the 400th member shall have been admitted.

At the last stated meeting of the lodge it was voted to stage another golf tournament among the members, similar to the one held a year or so ago. E. A. Anderson, 331 Walnut street, was appointed chairman in charge of the tournament and he will announce the details and accept entries at that stated meeting, June 2.

Mrs. Edgar A. Stevens left Monday to spend several days visiting in Detroit. While there she expects to play several of Detroit's golf courses.

## ROSENBERG EMPLOYEES FROLIC

Employees of Rosenberg's department store, Evanston, held their annual June Drive frolic at the North Shore hotel, Evanston, this week. Officials of the Rosenberg Employees' Benefit association were installed after which there was dancing in the Fountain room, with a buffet supper at 10:30 o'clock.

Mrs. W. Lee Crowe of Owosso, Mich. motored here last Sunday to spend the week with her son, Mr. Burt Crowe and his family.



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## LEE SAYS:

WE'VE often wondered, AND you probably have TOO, why on earth a CHICKEN will leave THE safety zone at THE side of the road AND deliberately run RIGHT in front of YOUR automobile, but WE think we found THE answer yesterday— IT'S the same reason THAT prompted a certain MAN of this community TO rush across the RAILROAD track on ELM Street IN front of a passenger TRAIN and then stop to WATCH the thing go BY—but that's his BUSINESS, of course, AND the chicken's— THE point we want TO MAKE is that you ALWAYS play safe WHEN you buy YOUR Drugstore MERCHANDISE here.

## LOOK

During the summer months our delivery hours will be from 8:00 a. m. to 10:00 p. m.

*Lee Adams*

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