

DESPISED ROACH ONCE ARISTOCRAT OF INSECT WORLD

Present Household Pest Has Oldest Family History in Bugdom — Association With Man Degrading

BALBOA, C. Z.—(UP)—The cockroach is an aristocrat. He's the present-day representative of probably the oldest extant family of insects, and he was a very decent sort of a bug until man just ruined him.

So asserts Dr. A. E. Emerson, here for a study of termites (the cockroach's closest insect relative). "Three hundred and fifty million years ago," Dr. Emerson declared, "when insects first began to make invasions during the cold period, the cockroaches established themselves. Having the oldest family history among the insects, they came to America as passengers on the Mayflower, and they have followed mankind through history."

Once Very Decent. "Cockroaches were very decent until they became associated with man, who made them rather disgusting. From the cockroaches arose the termites, who are similar to the roaches in appearance and behavior. Both are wood-eating insects, having the same characteristic of being able to digest wood with the aid of the protozoa. The protozoa digest the cellulose and set free the sugar from which the termite gets its food. Two hundred years ago the termites arose as offshoots of the cockroaches," continued Dr. Emerson. "We might learn a lesson from the termites," advised Dr. Emerson, "by studying their division of labor and organization, though we might not necessarily emulate them. The three classes are the reproductive caste, the soldiers, and the workers, each attending to its own special duty."

No Fighting. Dr. Emerson said he had never seen an anti-social act performed among the termite colonies. There was no fighting, but many cases of selfless sacrifice, not the case among human beings.

Termites are the most perfect social animals on the face of the earth," Dr. Emerson declared, out of his 15 years study of them.

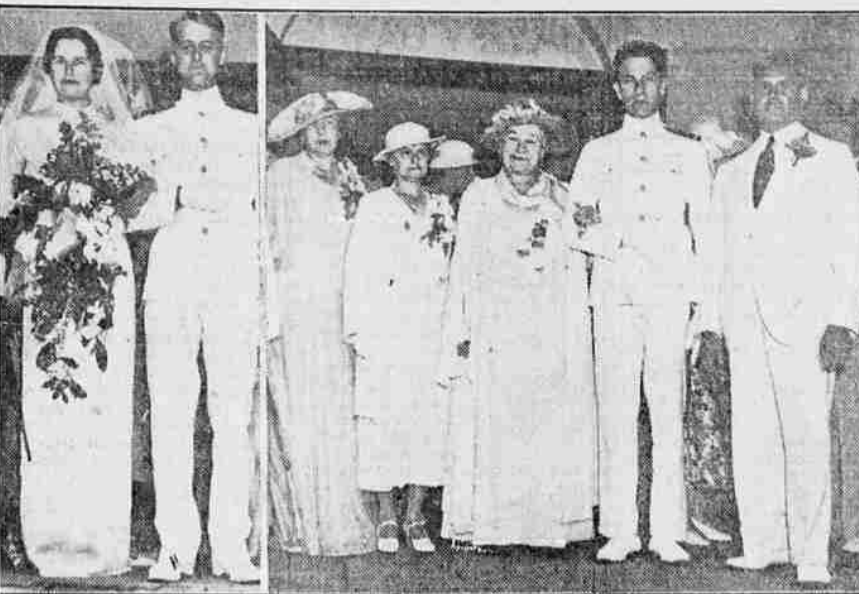
An astonishing fact Dr. Emerson cites about termites is that the queens may live for 50 years, laying 7000 eggs daily. The queen becomes very large, sometimes five inches long, resembling a potato very closely. When the queen is removed from a colony a new queen sometimes develops from a nymph by a mysterious transformation.

During the last two weeks of study on Barro Colorado Island Dr. Emerson discovered a species of soldiers new to Panama, soldiers with queerly shaped mandibles with which they make a distinct clicking sound.

It was Dr. Emerson's theory that the clicking sound was a warning to acquaint the rest of the colony with danger near-by. One of Dr. Emerson's problems will be to analyze these "clicking" soldiers who only function seems to be to snap their mandibles to produce a noise.

Name Possessors. PORTLAND, June 27.—(AP)—The Journal's Washington correspondent today said that President Roosevelt nominated Sidney B. Powers as postmaster at Modula, Isaac R. Howard at Junction City and Maud W. Thomas at Malila.

SCHUMANN-HEINK AT WEDDING OF GRANDDAUGHTER



Ernestine Schumann-Heink, granddaughter of the noted diva, became the bride of Ensign Henry P. Rumble at San Diego, Calif., with the singer attending. The bride and groom are at left. Standing around the singer at right are (left to right) Mrs. H. Irving Verrier, mother of the bride; Mrs. Edmund T. Rumble, mother of the bridegroom; Mme. Ernestine Schumann-Heink, Ensign Thomas A. Long and H. Irving Verrier, stepfather of the bride. (Associated Press Photo)

ARMY BOMBER CRASHES INTO AUTOMOBILE, KILLS THREE



The wreckage of an army bomber after it had crashed into an automobile at Glendale, Calif., killing Daniel M. Kraus, his wife and daughter. The ship faltered as it took off for San Diego and in addition to the fatalities Lt. George D. Campbell and Chad Tracy Walsh, pilot, were injured. (Associated Press Photo)

JAIL SCRIBES FOR PREMATURE NEWS

ROCKVILLE, Md., June 27.—(AP)—Two reporters for the Washington Herald were sentenced to serve 90 days in jail and the American Newspapers, Inc., was fined \$5000 today for publishing the verdict in a murder conspiracy trial before it was announced by the judge. The verdict was the conviction of John Martin Bolland on charges that he conspired with Mrs. Anne Lydell, blonde bank secretary, to murder her husband. Counsel for the reporters, Pat Frank and David Lee, filed notice of

MAY RUM PROFITS AHEAD OF APRIL

SALEM, Ore., June 26.—(UP)—Business of the Oregon liquor control commission was better in May than in April, but still below the high mark for the year, set in March, figures filed with Secretary of State Snell showed today. Sales last month were \$4147.43 above April, but more than \$42,000 under March. A net surplus increase of \$135,443.16 was shown for May, however, and the cumulative figure for the first five months of the year was \$709,690.10. Since the state went into the liquor business, stores, agencies and the license and revenue division have piled up a total earned surplus of \$1,653,787.88.

NEED HELP? TRY ULRICH'S OFFICE

It might be difficult for the national re-employment office on the third floor of the city hall to furnish a blue-eyed blonde stenographer on two short notice, but almost any other kind of demand for help can be filled in short order, according to Louis Ulrich, in charge of that office. In long file boxes are kept the records of every man who has applied there for work. These files are so cross-indexed that it is possible to find in but a few minutes, the right man for any kind of job, be it for a plumber, plasterer, carpenter, or an office worker, bookkeeper, architect, engineer or any expert in any of many different occupations. Mr. Ulrich pointed out today that the office was not only for those who are in need of work; it is also designed to aid those who have work and don't know where to get the proper man. The telephone number is 187.

CRIME DETECTION TO BE TAUGHT IN FEDERAL SCHOOL

Representative Officers of City and State Police Forces to Study Under Hoover, Famous G-Man

By E. B. Haskinson WASHINGTON (AP)—The "G Men" university—training school for the nation's most famous investigators—will be opened for the first time this summer to representative officers of metropolitan and state police forces.

This scientific college of crime detection will offer a full course, by order of Attorney General Cummings, further to coordinate law enforcement agencies to provide opportunity for swapping ideas gained in hard experience between the unsung local "cop" and the government's ace detectives.

For the first time, officers other than special agents in the federal bureau of investigation will receive the elaborate training under Director J. Edgar Hoover that has built up the scientific, college-trained federal force.

12 Weeks of Training. Here in the massive stone justice building, selected officers will learn all that science and experience can offer men who compete with dangerous gangsters and criminals. If the course follows that used for novice agents, the officers will receive 12 weeks of training in the classrooms and laboratories.

They will learn to take fingerprints from beer bottles, letters, window ledges and auto steering wheels, using vari-colored powders to bring these out. The "signatures of criminals" will be photographed with special cameras, or "lifted" with adhesive tape.

Pake murders and kidnappings will be staged. "Oscar," the dummy, will be found prostrate on the floor. Nearby may be a gun, note, blood stain, scrap of paper or similar clue. After the students have investigated the "crime" and prepared their solutions, the instructors will hold a post mortem on the evidence.

Getting the Evidence. "We teach our men to get all the evidence that will stand in courts," Hoover says. The bureau's record of 94 per cent convictions in difficult cases tried testifies to the skillful training.

Learning to manipulate all the high powered weapons needed to cope with hoodlums, the students will use a large pistol gallery in the basement of the justice building and the rifle range of the Quantico marine post a few miles away. Not all of the training is spectacular. There must be hours of digging study on evidence in embezzle-

MEET the WIFE



MRS. CECIL B. DEMILLE

She's vice-president of the DeMille Picture Corp. . . . and while she's not the director's severest critic, he is said to pay more attention to her quiet observations than to the more vociferous ones of some of his studio's aides. . . . Constance Adams was a member of the Sothern and Marlowe theatrical company when she met DeMille in 1901 . . . they were married in 1902. . . . The DeMille dinner table is the place where pictures are plotted and planned . . . and Mrs. DeMille has almost as much a part in their planning as her husband. . . . she suggests cast members, story changes, plot developments. . . . her hobby is charity. . . . she has been a member of the Children's hospital in Hollywood for many years. . . . She also helped to build the Studio club, a home for extra girls.

Auditor's Tests. While the students are studying, a loud crash may occur in the next room. Half a minute later a second crash may follow; and in a minute a third. By this time the federal instructor will relieve the tension by announcing that the noise is an auditory test, and will ask a detailed report.

Such tests are important, Hoover explains, because they teach careful observation and questioning of witnesses. Another field is that of the crime laboratories. These students learn that the watermark on a paper, the handwriting, the typewriting, a small piece of fiber or measurements at the scene of the crime, may be the only key to its solution.

Hoover welcomes the new move as coordinating federal and local efforts to combat crime.

Mark Record Flood. THE DALLES, Ore. (UP)—Record of the historic flood of 1907 was maintained here when bronze disks were installed in the walls of two buildings to mark the high water point.

OLD '40 AND 8'S OF WAR DAYS NOW LUXURY VEHICLES

PARIS.—(AP)—Those "40 and 8" box-cars so dear (?) to the hearts of the American Expeditionary forces in 1917, are being retired from active service and made into homes for summer railway campers.

The French state railways announced that the "Hommes 40-Chevaux 8" must have been destined for human habitation after all.

Officials won't say whether they got the idea from the war or from the English, who have a similar idea in practice, but at any rate the freight cars are now being turned out as luxurious "hobo wagons."

American ex-doughboys would never recognize their old friends. By the time the company gets through with them there isn't even a horsey smell left.

They're white-washed outside and fitted inside like a house-boat. Each car has six beds, a gas stove, a sink, bedding, chairs and a table. While traveling a whole car costs

the price of three full third-class fares. Standing still they cost about \$1.30 a day. By stating prospective itineraries when renting the cars, vacationists or even permanent hoboes, can be sure of gas and water being turned on whenever the car comes to a station. Company rules forbid the use of the super-elegant freight cars as stables and the first users of the refurbished "40 and 8" were a group of Boy Scouts.

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Good News!

MANN'S July Clearance SALE

Starts Saturday June 29th

SEE FRIDAY'S TRIBUNE

EXPERTS MARVEL AT GIN FLAVOR CONTROL PROCESS

Hiram Walker's "Controlled Condensation" Revolutionizes Gin Distilling!

smooth, invariably uniform . . . and remember: Hiram Walker's London Dry Gin is made exclusively from grain spirits.

Extra Satisfaction — But It Costs You No More

Get a bottle today and taste the difference. The revolutionary "C. C." Process, which has made Hiram Walker's London Dry Gin the most popular gin in America, gives you complete satisfaction at no extra cost.

How "C. C." Process Takes the Guess Out of Gin!

If you've ever had gin go fuzzy in a fizz, cut capers in a cocktail, or forget its obligations to Tom Collins, here's good news! After 300 years, there is a way to make gin flavors behave!

When Repeat-came, Hiram Walker was ready—with the secret of flavor control in gin! Hiram Walker's "Controlled Condensation" is the only process in the world that assures absolutely smooth, uniform flavor from the numerous and tricky herbal ingredients of gin.

This unique "C. C." Process, in use since the opening of Hiram Walker's Peoria distillery, a year ago, distills the various flavoring ingredients into the grain spirits at different proofs. The flavor of the individual ingredients—not just the quantity—is scientifically regulated according to the exact requirements of the Hiram Walker formula.

Smooth!—from Still to Shaker to You!

The results are amazing! No flavor can come through too strong—no flavor can come through too weak. Everything is under control! Juniper berries, coriander seeds, sweet orange peel, and other elements used act in complete unison under Hiram Walker's "C. C." Process. Each contributes the exact difference and degree of flavor essential to a gin that is perfectly balanced, consistently

Just right—every time! says Humbert (Tony) Guinini, the maestro of the famous Hotel Congress bar, Chicago.

Distilled Hiram Walker's LONDON DRY GIN PEORIA, ILLINOIS