



### 'Bump' from Bite Is Reaction to Allergy, SC Says

Ottawa, Canada (Science Service)—The "bump" that results when a mosquito bites you is an allergic reaction.

It is not, as many persons, including scientists, had believed, the result of the insect's injecting a poisonous substance that irritates the skin.

Tests with laboratory animals and some humans show that they can be sensitized to mosquito bites by injections of mosquito extract or by repeated exposures to mosquito bites. The immediate reaction, described as the appearance of a "soft, whitish wheal" surrounded by a red area, occurs only in sensitized animals, Dr. J. A. McKiel of the Department of National Health and Welfare here reports. This indicates an allergic response.

#### Fail to Raise Wheals

Injecting rabbits and guinea pigs with mosquito extracts failed to produce any toxic symptoms in the animals, Dr. McKiel says. The suggestion made by some scientists that mosquitoes inject histamine into the wound and that this causes the immediate bite reaction is also "untenable," he says. Injections of a histamine compound failed to raise wheals in either bite-sensitive or normal animals.

Analysis of extracts prepared from mosquitoes at various stages in the insect's life cycle shows that the allergenic material develops late in the transformation of the mosquito, from larva to adult. Dr. McKiel found that the male mosquito, while he does not take "blood-meals," does contain the same allergenic material as the female.

About 7,500 mosquitoes were cut up, separating the head and thorax or "chest" from the abdominal region, to discover the origin of this allergenic substance. It is limited to the head-thorax region, Dr. McKiel says, probably in the salivary glands.

Comparison of reactions to the bites of different species of mosquitoes indicates that the allergenic material is a complex one — or ones. The evidence is against its being a single, simple chemical compound, Dr. McKiel concludes.

Details of his study appear in the current issue of the Canadian Journal of Zoology.

Canada has a land area of 3,846,000 square miles, but a population of only 17 million about that of New York state.

**'KEEP SMILING'**—While their husbands confer on most of the major issues of the cold war, Mrs. Anastas Mikoyan; Mrs. Richard Nixon; Mrs. Nikita Khrushchev and Mrs. Frol Kozlov (left to right) enjoy themselves at Khrushchev's summer home near Moscow. Later when they and their husbands posed for photographs, Khrushchev wisecracked: "Keep smiling, otherwise they'll say we just had a quarrel."

### Dennis O'Keefe Starts New Series of Shows

By VERNON SCOTT  
UPI Hollywood Correspondent

Hollywood — (UPI) — Dennis O'Keefe, long absent from the movieland scene, is pumping out a new TV series for the fall season.

It's a situation comedy. And in this era of western and detective thrillers situation comedy is as risky as fan dancing at a PTA meeting.

With such shows as "December Bride" and "The Bob Cummings and Phil Silvers programs biting the coaxial dust this year it would seem unreasonable to buck the trend against rib-ticklers.

But O'Keefe is confident his situationer about a New York columnist will strike pay dirt. He is committed to film 39 segments.

"The other situation comedy shows had four or five brilliant years before they went off the air," he said, "and I think we can do the same thing. People want to laugh. That was proved when several sponsors offered to buy our show."

**No Horse Opera**  
Asked why he didn't attempt a horse opera or private eye series, O'Keefe had an immediate explanation.

"I played dramatic roles, adventurers, detectives and straight parts in movies for years," he explained. "But the only pictures of mine the public remembers are the comedies."

Where has Dennis been for the past four or five years?

"In Europe making movies for my own company, 'Pendennis Productions,'" he said. "I came back to Hollywood to establish a future for myself in TV something like Dick Powell and Desi Arnaz have done."

**Hopes for World-Wide Series**  
"Eventually, I hope to return to Europe to make the first true world-wide television series. I plan to collect 39 top scripts and shoot them in different locations in Africa, South America, Europe and the Orient. It will be titled 'Johnny Paris,' but I won't act in the series. I'll produce and maybe direct a few of them."

As of now, O'Keefe has his hands full turning out one segment a week for "The Dennis O'Keefe Show."

The comedy is based on his antics with celebrities and characters he encounters as a columnist. Dennis portrays a widower with a 10-year-old son who is badgered by his housekeeper, hatched-faced Hope Emerson.

"I have a few girl friends, too," O'Keefe said, "but I'm not a Robert Cummings-type wolf. It's a wholesome program with lots of laughs, and I'm convinced it will be a hit."

There are about 8,000 physical therapists in the United States and the total demand has been set at 14,000 more at present. About 3,000 graduates are needed each year.

### Central Point Rural Called to 3 Fires

Three fires in grass and grain fields were extinguished Monday afternoon and Tuesday by the Central Point Rural Fire department.

An eight acre grass and sawdust fire was reported near Crater Lake highway and Antelope rd., and a fire in a grain field at the east end of Pittview rd. burned about 1/2 acre.

A third fire was reported at the West Side school at Ross lane and Old Stage rd. which burned an area about 50 by 100 feet, Tuesday morning.

### International Rotary President in Eugene

Eugene — A highlight in the history of the local district of Rotary International will be the visit of Harold T. Thomas, International Rotary president, to Eugene on Aug. 7.

Rotarians from throughout the district are planning to attend a dinner at 6:45 p.m. at the Eugene hotel that date. The Rotary clubs of Springfield and Eugene are co-hosting the affair, and delegations are expected from all the clubs in the district, which includes southern Oregon.

Thomas is from Auckland, New Zealand, where in private life he is a leading figure in commerce. Accompanying him on the United States trip is his wife.

Thomas' official visit will be the first such for the Rotary district.

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