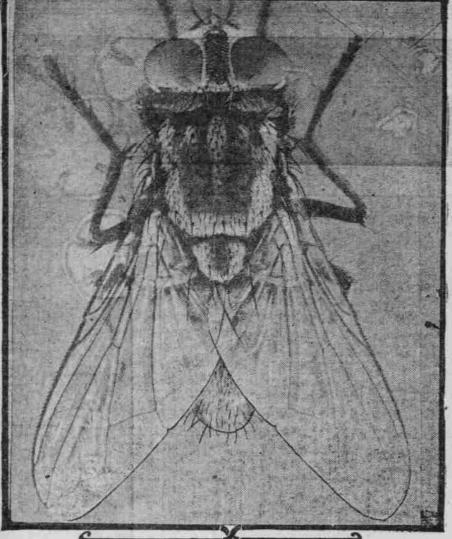
EXTERMNATE THE DEADLY HOUSEFLY



MALE HOUSE-FLY PESTING ON GLASS AND SEEN

HE fly referred to in this article is the one most commonly found in our houses-the Musca domestica of nacus.

Linnaeus. Speaking brosdly, man has made the house-fly; it has developed along with the human dwelling. If he had no closed-in dwelling places it is doubtful if the house-fly as at present constituted could continue to exist. Is thrives sim-ply because we afford it food, protection and breeding-places. If or miles. As much as they like the odors of flith they dislike clean smells and where the former will attract the lat-ter will repulse them. A plensant-smelling substance—the fragrance of flowers, geraniums, mignonette, lav-ender, or any perfumery—will drive them away. Most of our diseases are caused by invisible germs that lodge and grow in

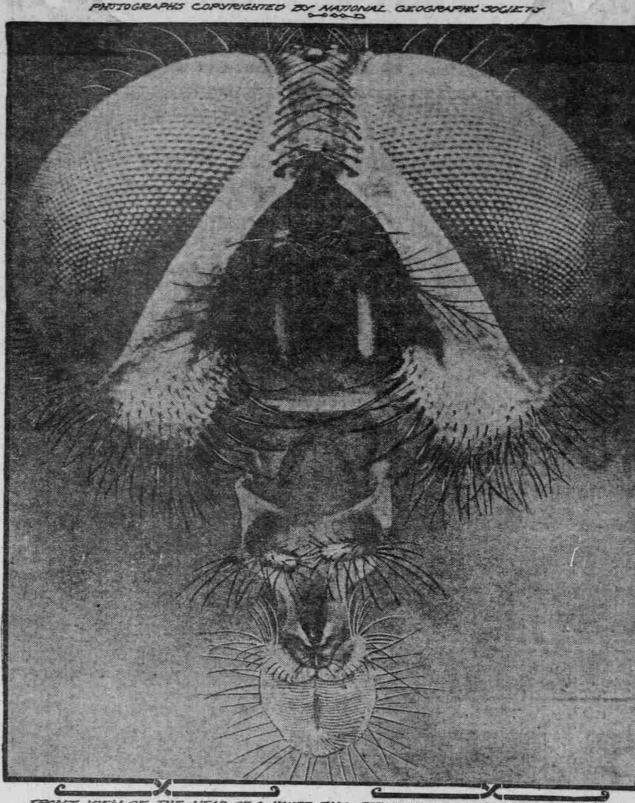
ply because we afford it food, protection and breeding-places. It is at this time of the year that the house-fly takes on life for the ensuing Summer and Autumn; eggs laid last Fall are ready to hatch. At first he is only a little worm, wriggling his tiny grub-like form in some incubating pile of filth, usually the manure pile, the out-house, or the mound of rubbish of gar-hage in the back yard. In this condition he is ensily killed, and it should be the duty of every person to kill him now. The house-fly could not exist if everything were kept perfectly clean and sanitary. Exterminate the fly-worms, do invisible germs that lodge and grow in our bodies, destroying our tissues or poisoning us with their excrete. These germs may be brought to us from some sick person by whatever is large enough to carry them and has the op-nortunity. Combine this fact with what everyone knows about flies, and we see at once the tremendous importance of flies as carriers of human disease germa. sanitary. Exterminate the fly-worms, do away with its breeding places, and there will be no files.

that each of them is equipped with two Why It Is Called the Typhoid Fly.

ciaws and two light-colored pads. The The common house-fly is coming to be import, as the "typhoid fly," and when the term becomes universal greater care will be exercised in protecting the house fly clings to rough surfaces by means of the claws and to smooth surfaces by a combined action of the claws and pads. The fly's pads are covered with thousands of minute short hairs sticky

The synthesis of the second a thousand times more ty-they spread a thousand times more ty-

Wonderful Photographs Revealing Startling Facts by an Especially Invented Camera to Picture the Death-Dealing Pest.



FRONT VIEW OF THE NEAD OF A HOUSE FLY. STUDDED AREAS 'ARE CONDOWNO EYES

The Dendly Feet. Look closely at the picture of the fly

resting on the glass and viewed from below. Look at the feet and observe

his grown-up life the fir has

you are going to eat, he aving the poison for you to swallow. This does more to spread typhold fever and cholera infantum and other intestinal diseases than any other cause. Disease attacks human beings only when they are brought in contact with it. For example, you cannot get typhold fever un-less you swallow the germs of typhold, and you do not swallow these germs un-less they get on the food you act or in the liquids you drink, or on the glasses or oups from which you drink. Intestinal diseases are more frequent whenever and wherever flics are more abundant, and they, and not the Summer heat, are the active agents of its spread. There is special danger when flies drop into such fluids as milk. This forms an ideal culture material for the bacillus. A few germs washed from the body of one

BY IRVING S. COBB

FEMALE HOUSE - FLY RESTING ON GLASS AND SERV ing his feet. He is getting rid of disease stuffs does the same, and remember germa, rubbing them on the sugar that that a large percentage of flies breed you are going to eat, leaving the poison in the stable. in the stable. There is more health in a well-screened house than in many a doc-tor's visit. After you have cleaned up your own premises, inspect the neighborhood for fly-breeding places. Call the atten-tion of the owner to them, and, if he does not remove them, complain to the Board of Health. Keep flies out of the dining-room and away from the sick, especially from those fil with contagious diseases. Simple Means of Killing Files.

Simple Means of Killing Flies.

whenever and wherever files are more abundant, and they, and not the Summer field, and they, and not the Summer field, are the active agents of its spread. There is special danger when files drop into such fluids as mlik. This forms an ideal culture material for the bacillus. A few germs washed from the body of one fly my develop into millions within a few hours, and the person who drinks such milk will receive large doses of bacilli, which may ister cause serious alckness.
Valuable Fly "Don'ts."
Don't allow files in your house. Don't allow your fruits and confections to be exposed to the swarms of files. Don't let files crawl over the babys mouth and swarm upon the nipple of its nursing bottle.
Brike at the root of the evil. Dispose of waste materials in such a way that the house-fly cannot propagate, for files bread in horse manure, decay-ing vegetables, dead animals and alk kinds of filth, so look after the garbage with lime or kerosene oil, and closely or or of your hotel, restaurant or boarding-

covered. Screen all windows and doors and of your hotel, restaurant or boarding-

All his grown-up life the fly has phoid germs in their excreta than on their reet. Files kill a greater number of human beings than all the beasts of prey and and polsonous serpents, for they spread disease which slays thousands. As soon as th fly comes out of his shell he is full grown and starts out proprietor that

C. Columbus Discusses Explorers' Stunts as Expert

"SOME LIVE TALKS WITH DEAD ONES"

"B ur back in the golden age of Lillian Russell and ask her for the exploration and discovery-" I recipe. started to say.

"Forget that part of it," said Columbus, interrupting. "Believe, me, my a minute, do you, that that's what he young journalistic friend, this is the was looking for? Nobody had told him golden age of the discovery and ex- that a sizable strip of moisture anploration business-this present age is. swering to the name of Mississippi The one to which I belonged was the River was lost, strayed or stolen and a egate ware age or possibly the brass enamel age, or maybe it was the Brazilian diamond age. Anyhow, I know there was nothing golden about it that I seem to remember when I look back." "But think," I said, "of what , ou and

the men who came after you did for mankind-how you widened he world's horizon and gave new continents to civilization and-and other things of that general nature?"

"Oh, I don't know," said Columbus, as he crossed his legs. "Did you ever pause to ponder over the fact that the star performers of my day all made their great discoveries on the same principle of the cow that persists in strolling down the railroad track? If she strolls far enough, she's almost certain to discover something in the nature of a freight train coming the other way. To do this does not call for any very high degree of intelligence on the part of the cow. She can't miss it. 'Twas much the same way with my crowd.

"As you may recall, I was out looking for India. I bumped into the Western Hemisphere because I couldn't very well help it. The Western Hemisphere was between me and India, and so we met, as it were, casually. Ponce de Leon found Florida, but he wasn't looking for Florida. He was looking for the Fountain of Everlasting Youth.

"When Ferdinand De Soto found the Mississippi River, you don't think for suitable reward would be paid for its return to the rightful owner. On the other hand, I have had it on good authority that De Soto was really quite piqued when he butted into it. It wasn't his fault, of course. He couldn't miss it any more than you could, if you started West from Cleveland, Ohio, tomorrow morning. You just keep on going until you come to a hollow full of water, two miles wide and a thousand miles long, lined on both banks with Government appropriations, and you know you're there. "As a matter of fact, Ferdinand was seeking for a new land of gold. Now-adays, he'd be roosting around the Waldorf-Astoria in a high hat selling mining stock to members of the fish family, and he'd be content to stay there and spend the legitimate pro-ceeds while they went out to look for gold, which is the best and the safest and the most profitable way, as has been proven by experience. But, living as he did in the dark and ignorant Middle Ages, he went traipsing across a country where the accommodations

for the transient guest were almost as poor then as they are now, and he blundered into the Minsissippi River by accident and was buried in it. "And look what we came back to all of us. I returned from my last

voyage to the New World all linked



regalia all the time and get so they collection of crippled gravy boats and aren't good for anything besides re- condemned scap dishes like the Nina and ception committee work, except sitting on the platform and acting as honory vice-presidents at mass meetings called ing we needed from the advertising for uplift and reform purposes. So I agencies and the factories, and we'd have

for uplift and reform purposes. So I toid Columbus that I knew and he proceeded. "Just think," he said. "of the recep-tion committeemen coming down the bay to meet me on a chartered tug and hang-ing white wreaths around my neck like floral designs on the grave of Truth! And think of nobody troubling me to produce the proofs until after I'd cleaned up on the lecture tour and the book rightal That's the beauty about the present system. If you returned home after a two days' absence and said you'd been in Minkville, Neb., a lot of people would doubt your word unless you had the credentials in the shape of a set of souvenir postcards of the new iron bridge over Mink Creek to back up your word. But you can stay away for a year and say you've bean almost anywhere that you haven't bean and everybody feels guite satisfied and will buy orchestra tickets at two a throw

haven't been and everybody feels quite satisfied and will buy orchestra tickets at two a throw. "But the lecture part of it is only the start. Consider what the perquisites must be for the advertising testimonials, alone. You remember, don't you, that for months after Brother Peary got back last Fall, the advertising sections of the magazines where the best light fiction is usually found, and the display oards in the streetcars, contained little else but his characteristic signed writings. Up till idea that a Pole-hunter flew kind of light in the matiter of personal baggage. I thought he went charsing across the congealed landscape with mighty little in the way of luggage to impede him, only pausing to take off some one of his boots and shake a loose toe or so out of it, or to size up his faithful dog team and decide whether he'd have Towmer or Ponto for supper that pight. "It seems I was wrong-wrong by shout in the unaveral pounds of junk. It seems I was wrong-wrong by shout in the stousand pounds of junk. It seems I was wrong-wrong by shout in the thousand pounds of junk. It seems I was wrong-wrong by shout in the towas of parts of the south the several emportiums. There are ex-peditions forming to take off south and the south the several emportiums. There are ex-peditions forming to the South

condemned soap dishes like the Nina and the Pinta and the blessed old Santa Maria. We could have got all the back-

Isls such as this: "Messra. Collick & Payne, Leather-ville, Pa. Gents-During my dash to the late Pole, I lived exclusively, for four long weeks, on melted snow and your justly celebrated brand of klin dried apples. At first these nourish-ing articles of food manifested a ten-dency to swell up on being eaten, but as soon as they found out they were in-side of a Polar explorer, they must have realized they had nothing to feel swelled up for, and quit. I would ad-vise all persons contemplating a Pole dash to lay in a sufficient supply of this nutritions and satisfying delincy. They also make good overcoat buttons and can be pinned to the side of the head as a substitute for an ear that has been frosted off, without detection. Yours Truly, C. COLUMBUS." "There's bound to be good money in that sort of thing," went on Columbus. "And look too, at the present boom in the discovery business. In my time, it was an intermittent and uncertain call-inter that may most be more and the seen-tion that sort of the substitue call-the discovery business. In my time, it