

PUBLIC HEALTH

**German Youth Can't March;
They Have Flat Feet**

GERMAN youth have flat feet and can't march long distances. This is admitted in German reports given currency by the British medical journal, *Lancet* (Sept. 17).

Some 70% of the Hitler Jugend recruits "show evidence of foot strain and are in process of developing deformities of the foot."

Splay feet, beginning flat foot and fallen arches are said to be common.

"The disabilities due to these imperfect feet are considerable," it is stated, "and the young people find it impossible to stand up to the long marches and other training expected of them.

Germans express concern over the state of affairs and "at the loss sustained in military and working efficiency."

Science News Letter, October 8, 1938

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., REQUIRED BY THE ACT OF CONGRESS OF AUGUST 24, 1912, AND OF MARCH 3, 1933

Of SCIENCE NEWS LETTER published weekly at Washington, D. C., for Oct. 1, 1938.
Washington
District of Columbia

ss.

Before me, a Notary Public, in and for the District of Columbia aforesaid, personally appeared Watson Davis, who, having been duly sworn according to law, deposes and says that he is the Editor of the SCIENCE NEWS LETTER and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management, etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, as amended by the Act of March 3, 1933, embodied in section 537, Postal Laws and Regulations, to wit:

1. That the names and addresses of the publisher, editor, managing editor, and business managers are:

Editor, Watson Davis, 2101 Constitution Ave., Washington, D. C.

2. That the owner is:
Science Service, Inc., 2101 Constitution Ave., Washington, D. C., a non-profit corporation without stock, operating as the Institution for the Popularization of Science.

3. That the known bondholders, mortgagees, and other security holders owning or holding mortgages, or other securities are: None.

4. That the two paragraphs next above, giving the names of the owners, stockholders, and security holders, if any, contain not only the list of stockholders and security holders as they appear upon the books of the company but also in cases where stockholders or security holders appear upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, is given; also that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner; and this affiant has no reason to believe that any other person, association, or corporation has any interest direct or indirect in the said stock, bonds, or other securities than as so stated by him.

Watson Davis,
Editor

Sworn to and subscribed before me this 26th day of September, 1938.

[SEAL]

Charles L. Wade
(My commission expires March 14, 1943)

SCIENCE SUBJECTS FOR GENERAL READING**Big Fleas Have Little Fleas**

or Who's Who
Among the Protozoa
By Robert Hegner

Fleas are pestiferous parasites and no respecters of persons. What the fleas are to homo sapiens, protozoa are to the fleas.

Visit the little and lesser fleas in their native haunts, among the muscle fibres, in the blood stream, in the midst of champing teeth. Know how the "first animals" came out of the everywhere into the here. Watch the little millions as they march in review before your microscopic eye. Delve into the mysterious and often ignoble partnerships that nature imposes on the beasts and fowls.

However of the 15,000 species of protozoan parasites as many as 25 may dwell in human beings. What you eat, where you live and travel determines the character of the hidden and unwelcome guests.

Your training will include a few struggles with winged guinea-pigs. But all your trials will be forgot when you finally emerge as a full fledged conquistador.

290 large pages (7x10), illustrated

\$3.00

A professor of the Johns Hopkins University descends from his professorial podium to present a story of research and travel in humorous but instructive chapters, in poems portraits and cartoons.

Adventures In Respiration
As Told by a Famous Physiologist
YANDELL HENDERSON

**Modes of Asphyxiation,
Methods of Resuscitation—**

Critical adventures you can enjoy because the author knew how to meet them. He relates his theory in plain words, and tells of the immense success of practical efforts during a period of fifteen years.

**Threatening through
a lifetime—**

Read about a danger that dogs your steps all your life long, beginning even before the first breath of the newborn baby. Know about the many hazards of asphyxiation in mines, in factories, and in homes, in the surgical operating rooms and in the delivery rooms of hospitals.

Everyday adventures—

Read of the gases of peace and war, of mountain and air-sickness. Recognize the source of little adventures you may encounter any day. Headache in an automobile, you ever had it? Squabbles and quarrels, you ever had them?

318 pages

\$3.00

THE WILLIAMS & WILKINS COMPANY, Baltimore