



Precision combined with Sturdiness

Bausch & Lomb has drawn upon its long experience in the manufacture of fine precision instruments to produce Microscope FS, an instrument especially for students in high school and college.

Its ease of manipulation and sturdy well-built construction make it particularly adapted to use in the laboratories of secondary schools. But, since it is equipped with a fine adjustment and standard objectives and eyepieces, it amply meets the requirements of more advanced students.

A revolving nosepiece allows instant interchange of magnification without refocusing. All metal parts are chromium plated to insure that they will not rust, corrode or become stained by reagents. The rest of the Microscope is satiny black, giving a handsome and durable finish.

Write for complete information on this FS Microscope.

BAUSCH & LOMB OPTICAL CO.,
644 St. Paul St., Rochester, N. Y.

Makers of Orthogon Eyeglass Lenses for Better Vision



BAUSCH & LOMB

NATURE RAMBLINGS

By Frank Thone



An Overrated Insect

OF all the parasitic and predatory insects that pester us, mankind is least likely to resent the flea. For one thing, the flea's presence is less of a social reproach because the flea is likely to come regardless of cleanliness, whereas most other creatures of his kind are distinctly the offspring of dirt. But the flea bites the daintiest and most recently bathed ankle as readily as he does the roughest unwashed neck. Then also, his antic agility is more or less amusing, so that we are prone to treat him as a joke. A joke we'd rather not have on us, to be sure, but still a joke.

Nevertheless, we are prone also to take the flea too seriously. He has become one of the favorites of facile near-naturalists, who try to humiliate us by telling us that if a man could jump in proportion to the performance of the flea, he could lightly leap over the Washington Monument, or skip the Mississippi River, or do some similar marvelous feat.

As a matter of fact, if you could get a man as small as a flea he would probably be able to jump as high as a flea can jump. And if you could get a flea as large as a man, he probably couldn't jump at all. For the flea's muscles are all inside his horny armor or external skeleton, and if he were greatly increased in size the weight of this shell would increase more rapidly than his strength. By the time human size was reached, the imaginary giant flea would be as thoroughly cumbered as a fourteenth-century knight in plate armor, who had to have a couple of squires to help him mount his horse, and who was as helpless as a turtle on its back if an enemy hit him right with a lance and pushed him off.

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