

No Race Suicide Among the Bacteria

BACTERIA reproduce with almost incredible rapidity," says George W. Hunter in "A Civic Biology" (American Book Company). It is estimated that a single bacterium, by a process of division called fission (dividing itself into two parts) will give rise to over 16,700,000 others in twenty-four hours. Under unfavorable conditions they stop dividing and form rounded bodies called spores. These are exceedingly difficult to injure or destroy.



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They will not vivisect him. He tried to argue with the horseshoer, so they had to persuade him

War Provides an Expensive Clothes-Rack

THE queer thing in the middle of the picture, which resembles a monster porcupine used as a clothes-rack, is the stump of a tree which grew "somewhere in France" until a German shell struck it and cut the trunk of the magnificent tree in two. The exploding shell splintered the wood in such a manner that the stump, with its radiating big splinters was used by the French soldiers encamped there as a rack upon which they hung their clothes and military equipment. The rack may be convenient for the soldiers, but this is really too expensive a method of making clothes-racks. Besides, stumps are not always handy, and then the shell may miss them or they may splinter in some inconvenient manner. After all, the regular pattern cannot be beaten for "steady" use.



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How a German shell provided a very convenient clothes-rack for French soldiers

Army Horses Must Be Good-Tempered

IT'S a weary, wicked world if you are an army horse. You may or may not approve of shoes, but you've got to have them just the same. The French authorities have an ingenious contrivance which so pinions a horse that he has absolutely nothing to say in the matter. It holds his head, and holds his feet and holds his body, and forcibly prevents him from expressing an opinion, or choosing his shoes, or making a protest in any way. If they would only let a fellow get in just one real horse-size kick one could—but what's the use. In the meantime the farrier gets in his fine work, and then it is too late. Yes, it's a hard, cold, cruel world, so it is! Still, shoes are not so bad and they give a dandy heft to one's hind hoofs in arguments later on in the camps.