

Microbe Hunters

By: Paul De Kruif

While Reading I Was Surprised By...



- ❖ “ There might have been detail he missed those hundred other times” pg21
- ❖ “We should remember Malaria... In that disease it takes two or three weeks for the mosquito to become dangerous” pg 310
- ❖ “He had volunteered in the interest of science and for the cause of humanity” pg 319



A Look Into Microscopes

- ❖ Opens a new door into the world of microscopic beings
- ❖ Produced results that could prove others ideas wrong
- ❖ Served as a way to keep curiosity flowing



Antonie Van Leeuwenhoek

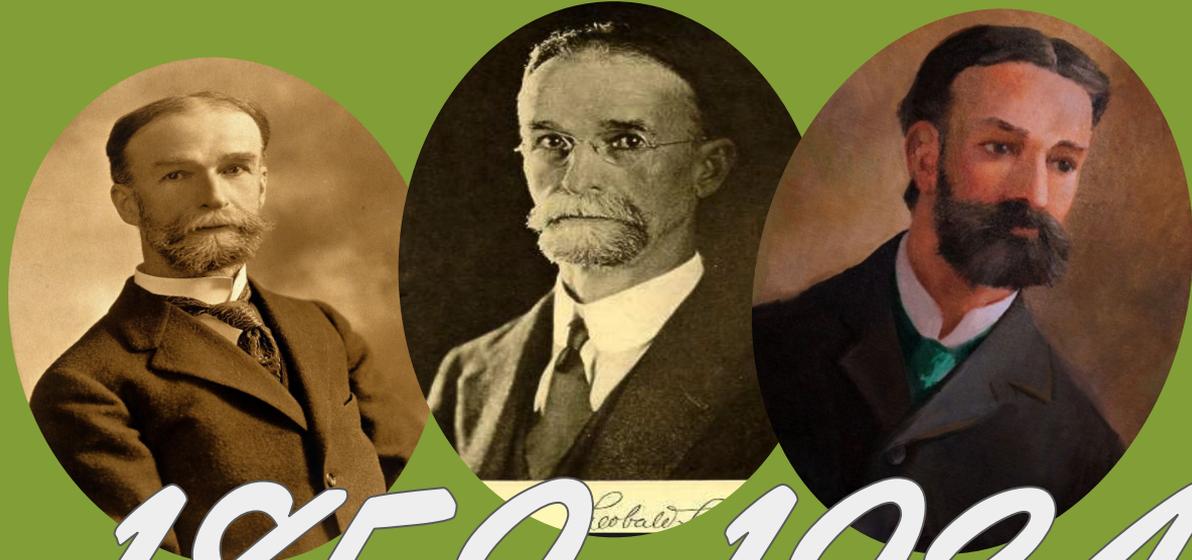


1632-1723



- ❖ He found microbes in a droplet of fresh rain water
 - ❖ Observed microbes in his mouth
 - ❖ He perfected the microscope lense
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- *"I have taken no notice of those who have said why take so much trouble and what good is it? - but I do not write for such people..." - A.V. Leeuwenhoek*

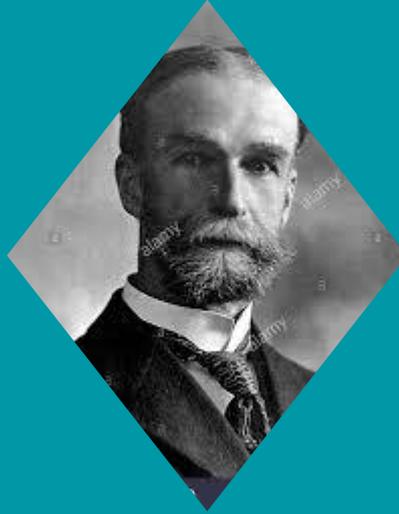
Theobald Smith



1859-1934

- *“Research cannot be forced very much. There is always danger in too much foliage and too little fruit”- T.Smith*

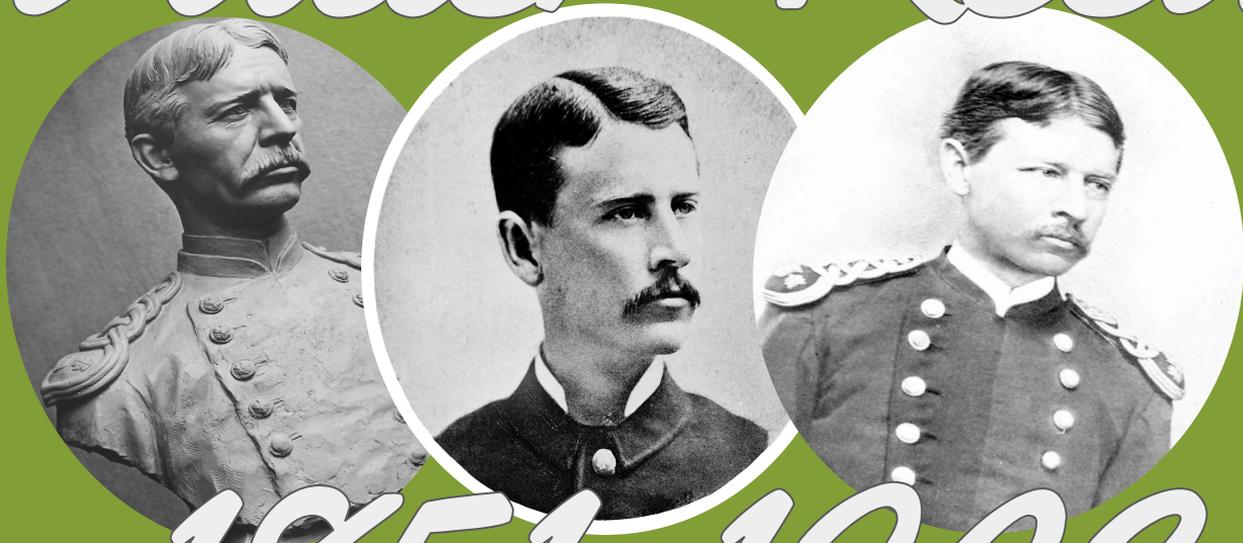
- ❖ Put his pride aside and listened to what the farmers had to say



- ❖ Gave a cow Texas Fever in the winter

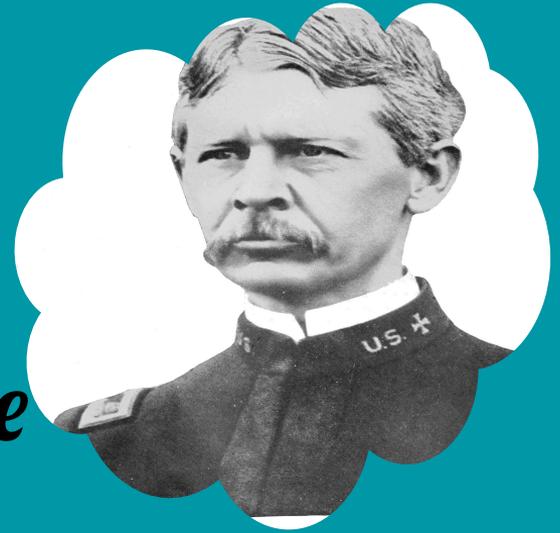
- ❖ Discovered what caused Texas fever

Walter Reed



1851-1902

- ❖ Experimented on human test subjects
- *“If it happens, it happens... we can't stop living” - W.Reed*



- ❖ Lowered rates of yellow fever cases

- ❖ Found a solution to Yellow fever regardless of not having much experience

Esther Lederberg



1922-2006

- ❖ Discovered the bacterial Fertility factor F

- ❖ Developed replica plating



- ❖ A pioneer of bacterial genetics

I Still Wonder...

- ★ Did people not wanting to offend the church get in the way of discovering things that could have possibly saved millions of lives today?
 - ★ What happened to the money that was given to the people who died?
- ★ How did the families of these microbe hunters feel when they saw their loved one doing what was thought to be crazy back then?

THE END