

“Mr. Riley, a St. Louis, Missouri, Services Rendus a La Viticulture Francaise, 1873,” encircled by “Ministere de l'Agriculture et du Commerce.”

The following is Mr. Riley's acknowledgement :

ST. LOUIS, FEB. 23, 1874.

Emile Karst, Agent Consulaire de France :

MY DEAR SIR.—Your favor of to-day is at hand. Knowledge, to the seeker after it, brings with it a reward far higher and more lasting than any outward token. Yet am I gratified to receive this testimonial of appreciation from the French Republic ; because it shows that, while endeavoring, as a servant of the State of Missouri, to do what lies in my power for the advancement of agriculture within her borders, my efforts have been appreciated elsewhere. It illustrates that science—the true interpretation of nature's workings, and mighty lever to civilization and progress—is not local, but sheds her bright beams among all nations. It proves that the discovery of any fact tending to promote the comforts and conveniences of human existence, or, as Bacon so tersely expresses it, *humanis commodis inservire*, belongs not to one State alone, but to the world.

Yours respectfully,

C. V. RILEY, State Entomologist.

THE PHYLLOXERA.

The following article from the Bulletin des Sceances de la Society d'Agriculture de France, 1872, p. 514, may be of interest to some of our vine-growers as showing the good effect of an application of soot for the destruction of the grape-vine root gall-louse. However, not having tried the soot ourselves, we can only give the experience of others, and add that Dr. Erni, formerly chemist to the Department of Agriculture, in a letter from Berne, Switzerland, has also highly recommended the use of soot for the same insect.

“M. Rogier, mayor of Poule Gard, exhibited to the central society of agriculture the results obtained by the use of soot in the treatment of vines attacked by the *phylloxera*. A young vine attacked by this insect in 1869, was treated with soot put at the foot or root of each stem, in the quantity of a half kilogram, (about one and one-tenth of a pound.) The vine recovered. The following years all the stems which composed it were smoked with soot. This vine has a remarkable vigor, while the neighboring vines were dead or seriously injured. All vines treated with