

Scientific American.

ESTABLISHED 1845.

MUNN & CO., Editors and Proprietors.

PUBLISHED WEEKLY AT

No. 361 BROADWAY, NEW YORK.

TERMS FOR THE SCIENTIFIC AMERICAN.

One copy, one year, for the U. S., Canada or Mexico... \$3 00

MUNN & CO., 361 Broadway, corner of Franklin Street, New York.

The Scientific American Supplement (Established 1876.) is a distinct paper from the SCIENTIFIC AMERICAN.

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NEW YORK, SATURDAY, JULY 11, 1896.

Contents.

(Illustrated articles are marked with an asterisk.)

Table listing various articles such as 'Bacillus, vitality of the diptheritic', 'Niagara Falls, death of', 'Paris, population of', etc.

TABLE OF CONTENTS OF SCIENTIFIC AMERICAN SUPPLEMENT No. 1071.

For the Week Ending July 11, 1896.

Price 10 cents. For sale by all newsdealers.

Table listing contents of the supplement, including 'I. ARCHAEOLOGY', 'II. AUTOCARS', 'III. CHEMISTRY', etc.

THE PRIZE ESSAY COMPETITION.

Our readers will be pleased to know that, judging from the number of essays submitted for examination, the competition has been a great success.

We would call the attention of our readers to the card published in another column concerning what invention introduced within the last fifty years has conferred the greatest benefit upon mankind.

THE PARIS EXPOSITION OF 1900.

Exhibitions have come thick and fast in the closing years of the nineteenth century. The more frequent industrial displays of States, cities, and provinces have been the background which has served to show up the stately splendor of the less frequent international fetes.

Yet, as a matter of fact, before the blackened remains of the Chicago Fair are well cleared away, it is announced that the arrangements are complete for what is to be the most elaborate and brilliant industrial display of the century.

It is to be hoped that our Congress will deal liberally with the question of a subsidy to cover the expenses incidental to a worthy national representation at the Paris Exposition.

The time has come in our industrial history when we are beginning to turn our eyes abroad and push out more actively into foreign markets.

Many distinctively American products, whose market is at present exclusively American, will be found to be equally adapted to European needs, if a trial were once made.

THE secretary of Smithsonian Institution has leased one of the tables at the Naples zoological station for another three years for the benefit of American students.

A Singular Mode of Incubation.

It is well known that the Australian megapod is a bird that is accustomed not to sit on its own eggs. In certain parts of Australia are found numerous mounds of considerable size and height, which the first explorers took to be burial mounds.

Experiment with Rotary Motion.

An interesting experiment described in Invention illustrates the stability given to a moving body by rotating or spinning it rapidly, as in the case of a rifle bullet. The experiment can be made by any bicyclist when cleaning his wheel.

How Colds are Taken.

A person in good health, with fair play, says the Lancet, easily resists cold. But when the health flags a little, and liberties are taken with the stomach or the nervous system, a chill is easily taken, and according to the weak spot of the individual, assumes the form of a cold or pneumonia.

Luxury is favorable to chill taking; very hot rooms, feather beds and soft chairs create a sensitiveness that leads to catarrh. It is not, after all, the "cold" that is so much to be feared as the antecedent conditions that give the attack a chance of doing harm.