

those at Richmond is the President, with his slight agile figure and intense face. The Vice-President is bowed, furrowed, and hollow of eye and cheek—something to see with a shudder and never to forget. Washington is overrun with rogues, spies and demagogues. Richmond is governed by Martial Law, and a single supreme will that must not be gainsaid, is all-prevading. Neither city can be commercially great, but both will be famed as the basis for the greatest armies that ever met in the shock of civil war.

*Modern Taxidermy* gives the results of certain processes in the art, but does not pretend to point out those niceties of manipulation which confer on many splendid examples, such as those in Mr. Waterton's Museum, their extraordinary merit.

*Roundabout papers*, from the pen of Thackeray are continued. They are both amusing and instructive.

*Science*.—The rotation of the earth on its axis cannot be left out of consideration in the pointing of long range of artillery, inasmuch as in a flight of five miles, occupying twenty-five seconds of time, it would carry a projectile pointed northwards about 45 feet to the east, and southwards as much to the west of its line of fire. The same cause, namely the rotation of the earth, throws the water of a river preferentially against its right bank, so that the right bank of a river flowing toward the north or south is generally higher and steeper, the left the flatter and the more alluvial one.

It is gratifying to know that puddings and tarts are scientifically digestive agents; the demand for sweets on the part of children is a correct instinct, the sugar being of use in assisting assimilation of food.

In the astronomical world, the attention of astronomers has been recently directed with increasing interest to the variability of Nebulæ. Some of these cosmical wonders have been specially noted, and when the enormous magnitude, the remoteness and singularity of the changes are considered, they certainly rank among the most wonderful and inexplicable marvels of the starry heavens.

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## AMERICAN PERIODICALS.

THE ATLANTIC MONTHLY.—FEBRUARY AND MARCH.

"*Sovereigns and Sons*," conveys a high and just tribute to the memory of Prince Albert. Her Gracious Majesty the Queen is styled a model Sovereign, and her career as a mother is said to be as pleasant as her career as a Sovereign is splendid. This is high praise coming from a republican source, and will be appreciated on this side the frontier line. The article is chiefly about the quarrels of Sovereigns and their families. It is not a pleasant subject; the domestic dissensions, even of Kings, are painful, and often fraught with terrible troubles to those over whom they rule.

"*The Siege of Cincinnati*" is a laudation of General Wallace. It is to be regretted that the writer has omitted dates altogether; not even to the re-