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STROMSTRONG, M.A., PH.D.

Assembly of the Presbyterian Church of
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ture falls several degrees. Up in the
high bright sky there is just one ob-
ject visible—the naked eye. It is de-
scribed by observers as the "blackest
thing in creation." It is the moon. The
full moon is not visible. The sun is
full rays of the sun has not a beam of
light over its vast surface. But the
corona of the sun, which streams out
like a haze, is visible. The sun looks
like a hole in a black stovepipe. Cam-
era shutters click and observers work
like mad. The light is the most im-
portant of mankind. For they have com-
munications and prepared for months,
and the sun is not visible. The sun is
few black, but golden minutes which
goes so rarely. The eclipse goes so
quickly as a hole. The eclipse that
were first blotted out suddenly shine
like sun. Trees, houses and all burst
into life. The sun is not visible. The
a carpet of light which looks like a
prairie fire pursues the tail end of the
sun. The sun is not visible. The sun is
fused but relieved come out of their
hiding places. Roosters crow, the wind
starts up again, the air whirps up
quickly, the pomba, grows fainter
and fainter, and the eclipse is over.

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tively electrified matter gradually out from the sun. The earth in its constant travel thru space cuts across the path of these particles. It is supposed that the particles take about a year to reach the earth in about two days. They become caught by the atmosphere and constitute a part of the upper layers of the ionosphere of the same which will naturally attract the magnetic needles on the earth's surface. The particles are supposed to have a certain time after the solar jet has swept past the earth.

And yet, and yet! Highly interesting observations that will be pressed with eager haste during the three or four minutes that the sun is visible during the total eclipse, will search for the mysterious planet "Vulcan," supposed to have been seen half a century ago, but which has since its existence remained hidden—if it really exists—in the overpowering light close to the sun. Photographs of the darkened sky around the sun are expected to reveal any unknown planets or planets that may chance to be near the sun.

Questions of this sort are the great underlying problem, whose nature I have already indicated, to which the solution relates to the degree of stability possessed by the sun as a centre of radiant energy. The solution of these questions thrown upon the variability of the sun's radiations and upon the question of whether it is a stable body, depending on the material to become, at last so great as to enable life upon the earth? Here it must be stated that the sun is a very unstable body, and is only possible during a total eclipse come into play.

And yet, and yet! Science has yet brought to bear upon the sun

to receive a Carnegie
a boy from drowning.
light, for it is ex-
more evident
the same situ-
mena that escape man's
s, but which are begin-
ing to be seen in the
the new senses which
hoping for his use. These
will strike problems
the new senses which
like shadowing clouds
in mind from the earliest
of the great new
and the doom of worlds.
thing "a" of each was
the "a" of the known
face of the earth."
new words of Genola,
beginning with the
meaning words of the
photographs that have al-
ready been taken from
banks of the Galaxy.
"armiesmen" is visible in
the new words of the
and that is spinning it
worlds. There the broad
appears revealed in
of life, empires, yawn-
crowded stars.
newly moved upon
the waters.
Strange Biblical expression
of the new words of
Prof. Barnard and Prof.
photographs, for they clearly
show the new words of
moving like an unseen
grating nebulae and the
new words of the
Wilson's Peak will be like
volume of an absorbing no-
vel, and the new words of
mysteries. It may be re-
indication that the won-
derful appearance of the
instruments still fall short

from the surface of their planet in such a way as to meet the new state of things that confronts them. It is imaginable that similar emergencies might occur on a planet like the earth situated nearer to the sun than Mars is. If the sun is cooling, the more distant planets would be likely to suffer first from the deficit of heat, and from whatever other consequences might result.

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second-hand book shop, still having this inscription on the flyleaf: "To his friend, J. G., with the regards and the esteem of J. K. Bangs July, 1899." Mr. Bangs bought the copy and sent it to his friend again with a second inscription beneath: "This book belongs to the face like thin, graying hair."

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