SCIENTIFIC MISCELLANY.

| A Julithecel-Another Low-Temperature |
| :---: |
|  |  |

niaterplal is osaked for three days in
sulphate of portassium. then stretched on a frasue, slowly dried. exposed to a
high tewperature and arterward put
 tions will fed abandant lien
 Institation lecture. Experiment has
proving in a Royal prow+n that the are cannot be started
unlesk either th. rods are first brought
int of the intervening air is broken down
by by an electric spark. In a magnitied
imaze of the arc it is seen that the image of the are it is seen that
positive earbon is most intenvely
at thie extremitr. at thw extremity, and is hollowed ou
into $a$ erater, from which about 80 per cent of the light is emittel. The neg-
arive cartion is less hot The space bet ween the two, the true are, is filled
with With carbon vapor. which hav the
violet color of sucandescent carbon violet color of meandescent carbon,
while outside this is an aureole of car bon vapor of a yollder cotlor. The
light beine due eliefly, to the incan dencence of the carbon, in the crater, is
moont intense in the direction frout Which the largest area of the crater
can lne sees. A neve process for manufacturing
paving biocks. buildiug materials and
othen other objects from wood fiber is re-
ported to thave been parented in Switzerland and ot her countries. The fiber
 agetharant havink mortar as an base.
The tlantic material so obtained is pressed into mothes The objects
made are light, porous and tough, bad conductors of sousd and heat, and
can Jee suwed, nailed, drilled, and oth-
erwie treated like wood

$$
1
$$ wind tharefore being iumportant only

in recilions of alirupt tand broken reliess
under a dry climate. Rock materia! can be tranyported by Rock atmotesheren
only an tune dust, the largest ciuartz only an thise dust, the largest quartz
partieles an ordinary strong wind can
and in thameter. The carry ing capacity
of air for runther particlees is great, be.
ing estinated to be, at a velocity of
five five mites an hour, about $1-1000$ of
that of an cqual volume of water.
The whole ntuosphere over the $M$ iss'isseipp: valley. if the wind blows ten
timen wo fart as the water runs, may the river.
Abome elephants are now living
in Europe according to Mr. C. J. Cor nish. Neurly all belong to the Iudian
speciex, the less docile African ele
phants numbering about a half The refinements and changed con-
dition of modern civilization

$\qquad$
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lose of appetita, reliere constipation, corra lose of appetite, reliere constipation, corra
kidnev diordors and detrov rooms givin
new life to an old or orer worked hore.

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$\begin{aligned} & \text { Col. Julian S. Carr has subscribed } \\ & \$ 10,000 \text { to the American Cniversity to }\end{aligned}$ $\$ 10,000$ to the American Cniversity t
be erected in Washiugton. D. C., b

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