

## GIENCEAND

## SCIENCE NOTES.

The chances of sudden death among
men are elght times as great as among men are eight times as great as amon
women. Nine of the 18 expeditions in search
of the south pole have been of Eng Hish origin.
A Calforn A California ethnologist has ident1
ffed no less than 135 different Indian
dialects in that state alone dialects in that state alone.
A Vlenns rested progresslve paralysls by inject
ing large doses of tubection ing large doses of tuberculin.
Drinking water ts obtalned on
roek of GIbrattar by condensing dew in spectally constructed basing. A Texan has patented an attachment
for phonographs whtch causes small
dolls to dance in time with the music. dolls to dance in time with the music.
Although the winters of Montreal
are noted for their severity, that clty
and are noted
Is 35 m m
London.

$\qquad$
$\qquad$ of a rod handle by a small jolnt,
sald to str the contents of a vess
nore thoroughly than, a spoon.
 ten per cent, solutiou, of phosphate of
ammonia, then drying them, in the More 'than half a mithlon dollaifs
worth of radium has been produced at the fmperial Austrian laboratory at St.
Joachimstahl, the pitchblende from SCISSORS WITH A SAW-TOOTH reeth Hold Material Fast and Prevent
It from silipping Toward End
of the shears. Sclssors with Saw-Tooth Blade.
on the bottom of the goods, the edge will be left rough; but by reversing
the shears, so that the saw teeth the shears, so uat de saw eeeth come
on top, the edge is lett just as clean as
if no teeth were used. The plece cut if no teeth were used. The plece cuc
of however, Is rough on the edge. The sclasors can be used to cut paper,
cloth, or any other material, if the saw teeth are kept on top or bottom according as it is desired to have the
smooth edge on the left or the right
$\qquad$
Guns with Double Tubes.
Henceforth all sea coast guns of Inch callber or over, except morta will be provided with double tubes, s . that, shoutd the inner tube give way,
the damage will not extend to the outer tube and the enveloping ja end hoops. This wil permit the
restoration at small cost of gun
whoose tubes give way and will feclili whose tubes give way and will recin
tate the rehabbiltaton of guns whose
accuracy has been lost through ero accuracy has been lost throug
sion and wear of bore.

$A$
A new estimate of the earth's ag
has recently been given by Willian Morris Davis of Harvard. For the
usually accepted $100,000,00$ y usualmy acepped $10,000,000$ years
estimates $60,000,000$ based on an ex amination of the clifrs of Arizona and
Utah. where the time taken to do Dtah, where the ume taken to de
posit the strata can be easily com
puted.

Spawn of American Toad. male of the Amertcan toad contalns 8.000 eggs, N. Miller flads no increase
In the specles. Dragon flies, water beetles, newts, crayffish and oth
ter animals are destroyers.

will look and feel much better than
patches. For working women who have to get on thelr knees, as in
scrubblng up floors and the like, stock-
ing of CLOCK WITH SKELETON DIAL Makes it Posstibe to see Time from
Distance and is of Much Bene.

A clock by whtch even a person ot


Missour1 man, and it is entrely anate from the "show me" states. The
and
cock consists of a skeleton dial mounted on a stand. The numerals clearly against almost any background
and the hands also show plainly. In fact, the positions of the hands alone Out putting the oollokerer to the we weces
sty of consulting the figures. Prob stty ot consulting the figures. Prob-
ably the most strikkng pecultarity of this clock, however, is the fact that
there are no works to be seen. On one
end of each hand ts a watch move ment and near the other end a welght,
the two connected so that the hand are operated as they would be in an
ordtnary ordinary timeplece. The ease with
which such a clock can be regulated
and cleaned is another feature.

Cause of "Keel Water."
The track of smooth water, The track of smooth water, or
"keel water," stretchng in the wake
of a moving vessel ts often noticed, but
itul ittle understood. The effect is no tenslon, though the stilling of the waves may be stmllar. Prof. As
horn, a German tuveatigator, has made some experiments with bodies moving syroscople action of show that the whirls left behinn on each side of the
vessel smooth out the smaller and give the calm, ofl-appearing traok
and that is so famillar. The larger an
swifter the ship the longer and broad er is the smooth wake.

Material for Fiying Machines. A novel matertal for fiying maa
chines and airshlps is a kind of ro
inforced paper, and is clalmed by the German Inventors, Dr. Wagner and
Herr von Radinger, to be and Herr von Ral
ally 11 ght and strong. It is made paper, raw silk a and other fabric bound stated to be tnexpenaite, proot againal
fre and damp, and prove serviceable for a variety of pu and and and poses. A test of it is betng made in
an alrahip now betng bult at seettn

Interest sine
roused over the dally has beet Pittsburg Press of a dry nat mix proc
oss by which steam tables are entirel ellminated from the process and meth
ods in the mechancal
practically revolutlonized. department

