THE OREGON ARGUS.


 Nom


 womem



 Then nondwink momer


 Nomen















 diecone during sa simgle born, in a str









 the mind hes tues arce dimmed thee bony to himen oderstandigs thooe dereted
 whop plumed the Uuivere.
A. Atronowes hire socerectd, by ingen

of the zearrat stars. The only way
which we can approac. ${ }^{\text {h }}$ a conception of that rast discace, is by making use of the measurement of the interval between us uid them. Now, light travels 192,000 miles
tifa second of time, and it takes the nearest usits light; in other words, supposing tha the etar were utterly annimilisted, we shouid contime to see it or more tuan six yeen lace. Thin distance, rediceed arithmetically loing to make any clear impression on th mind, so completely does it

## The size of the sun is oppresive to think

middle of the sun, like the kernel inside the entire ortitit of the moon roold lie with io the solid body of the san, aboot half was
between the center and the mifeen

## The Oregon Argus.

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compreicene a splecrical mase, whose radius gravitation."
streches from the center of the carth to
wice the distance of the moon, $A$ vesael which circumanvigates the carth in three misionary at Shanghai the An Episcopal the longest human life, numely years, to perform a a similar feat of navigaShat dyy, and anything likike exte, of solive solur travlers on the suificalt undensertakings for dweir term of life i After this, think of the maguitude ofn.nagnificent luminary, the Doogstar, which We sun!
Weight, or the force of gravity, is 28
times as powerfal ene umes as powerfill at the surface of the sun
is it is at the surface of the earth. as it is al me surface of the earth. A full
grown man, like one of ourselve, grown man, like one of ourselves, if he fer
on the sum, from a light
stature, would be smasted to his own
and thrown himself from an earthly steeple.
Buffon's cosmological theory, that comet striking the sun obliquely, knocke dincnstious, and so prosiluced the planet
and their satellites, has long allen into dis. repute, and at the present day has receive
its death blow, from the current belicf tha its death hlow, from the current belief than
the mass of a comet tis next to nothing, an
this is suceceded by plosise project
from the sun.
The sun. having a mark of rotation from
west to east, everything which procedd
from the sun must liave also a rotary mova from the sun must have also a rotary move ent from west to cast, and, morrover,
mot.on of progression in the same direction
The satellites are allo port and the sun; but subsequently shot parcee
by
the explosive force of the plane around which they nore or revolce. The
noon, for instance, is the daughter of the carth. Unless the tearing up, and the pro pace be a poritted of it our is inposesilite to e plain satisfactorily the hollowing-out of th
basins which contain the oceas; whilst it in naturally accounted for, by admitting the
projection of the forty-ninth part (reekon ag by bulk) of the earth's substance, whicl Such explosions are orms the lunartess going on at
he present day in other worlds. When the present day in otier worlas. When
the explosions take place in a direction
which is not far from perpendicular, the which is not far from perpendicular, the
foree which oceasions them is combined
with the with the eentrifuggl foree, and the solar ma
terial may be projected in masses considera bile, and to distanices sufficieutly great to form the planets of our system. On the
other hand, when the explosions shoot out their charge in eithero of the othere diree
tions, the small masses which alone can be tions, the small masses which alone can be
projected beyond the limite of the sul'
blaing atmosphere, are destined to tra blazing atmosphere, are destined to tra become comets, acroiltes, or asteroids, with
orbits more or less elliptical, and sometimes
orer irregular, caasing them to wander orer irregular, cavsing them to wander
from system to system.
The doubling, or division, of seceral com The doubling, or division, of several com
ets, is a well-observed and well-proced phe
nomenon; bot the most remarkable circum
stance is the discovery, on the wery sme stance is the eliscovery, on the very same
day of 1848, in Errope and America re spectively, of a new satellite of Saturn.
According to M. Boutigats According to M. Boutiguy's ideas, this new
satellite was discovered immediately after its birth or projection; that is to syy, that
Satura is till agitated by vibratory move ments, in which the centrifugal foree pre
dominates. It is scarcely possible to admit dominates, It is searcely possible to admit
that Saturn, who has been constantly watched ever since the discovery of the las saldilit but one, slouid have been able to
hide from so many prying eyes the newly-
hatched hantling whose existence has been so recently signalized.
But, if all the bodies of our planetary
rystem are the progeny of the son, rystem are the progeny of the sun, whence
comes the sun himself? From wont much more roluminous sun, to whom ours
would be nothing but a planet, or a satel would be nothing but a planet, or a satel
lite merely. And this other sun? From
a third, vaster still. And, after that, what a third, vaster still. And, after that, what
then? And again, what then? TT what
first commencement can we trace the life, the laws, and the movements, which the
Eternal Almighty Eternal Almighty Ruler has ordained to
exitt throughoot his Universe? Whatever he may do, and wherever he may seek, the
prodest human intellect is obliged at last proudes human inteliect is obliged at last
to bow and worship before the incompre
hensible power of the hensible power of the Sopreme Governor of
suus sud worlds. All we know in, that ofore the mountains were brought forth, there wis One who ruled from everlasting,
and *hb will rule world without end.
Rorimios or mize Scx--Dr. Boynton, in one of his lectures illastrating the effect on
the planets of the rotary motion of the sun; said, "Were I to set in motion around my
finget a ball a atached to a string, I could not keep it in motion withont a slight oseilsight movements, keeps the planets going
lone hem
 $=$ $\overline{\text { Tuis Neaves axd tue Muscixs,-Each }}$ nerre has two roota mich isse separately
from the side of the spinal cord, but almost immediately coalesece and rum together like imusdialy couisse and rum loge cher ike
a singliader. Sir Charles Bell detected the leadidig fact, which has thrown such a flood of light upon, the nervous system, that
oue of these roots consisted exclusirely of one of these roots cousisted exclusively of
senative filres, and its fillow entirely of 1 sennitive firces, and its falow entirely of fi.
bres of motion. Irritate the root which emergas nearest to the back of the cond, and the auffering is intense. Irritate the
root which comes out toward the frout of irrepressible musculler movements are provoked. In the marrecoos plan of Prori-
dence sinilar fibres have been finvested with separate functions; and the hidden muscles
being plentifully supplied with nerves of motion, auld sparingly furruished with the nerves of sasation which confer such ex-
quisite properties upon our outer integuquisite properties upon our outer integur
meuts, each organ fulfils its own end withe. out detriment to the system. Notwithstanding the subdued sensibility of the muscles, they nerertheless aro pos-
sesesed of a property which has been terued by Sir Clarles Bell the muscular sense, -a scass which is absulutely cssectial to the
sustained performance of many of the comsustained periormance of many of hec com-
nonost actions of life. II, he says, we sluut our eyes, we can still tell the position of
our limbs-whether the arm, for instance, la held out, or whether it hangs loose by our sile By what means is the mind coge
nizant of this circumstane, since we neither touch nor see anything? Mainly by the
consciouneses proceding from the muscles
themselves, which iufurms us of their tate, themselven, which iulurms us of their state,
and tells us where they are and what they
are aboot when there is no second chaniel are alout when there is no second chanunel
through which the knowledge can be fulty attained. The cames in which the faculty
is destroved best slow its see. Sir Charles is destroyed best sloww its use. sir Charks
Bell sattended a woman who had lost the
muscalir power of one amm, but retained it nuscalir power of one amw, but rotained it
in the other. Though the nuscular power, howercr, remained, the muscular sensibility
was extinet, and the result was that wien was extinect and the result was that when
she used the serviceable urn to hold her in fant to her bosom, it only did its duty
while hee eyos were kept tixed upon it.The noweut any object withdrew here at tention, her arm gmdually relused, and the
child was in dauger of fulling.
 Life,"
sifould
grav.
exposec




## 


 from kinmering - a term not tinferequent in
cookery booke dpend very murh on the
afiets of low boiling, as alove explained.

Tux Freale SLaszs of Loxpons.-The
London Weekly Times says that the young milliners and dressmakers of that city aro condemned to sixteen, ,eventeen, er elight
cen hours of toil out of the twenty-fogr in een hours of toil out of the twenty-four in
each day and night. Their work is carried
on in crowded, unventilated rooms, whers their frames are kept theat at their labor ut-
tit their eyes and their linksa rectuse to perform their duty. They liave a short and
painfal life and an early grave. In a ree painfal life and an early grave. In a re-
cent sapech, Lord Shatcesury said that
many of these young women had been trained gently and tenderly, in delicate and
happy homes, possessing ail the rirtues and tenderness that belong to the female sex,
and rendered more obedient, more unmurmuring, more slavishly subject to the an-
thority and tyranay of those that are put
over them. His lordship adds that they thoricy and tyrauny of those that are put
over them. His lordship adsts that they
hare no altemative between submismion and have no alternative between submismiou and
the atreet door; and then anks, "Is the
condition of such a young woman ot Whit better than the condition of the mort
wretched save in the Southern States of: America?"
 clergyman in England. Ho is the on
male beir of the traitor that rourviven.

