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Greatest Discovery Near? Inventor to Link Planets?

 $N^{
m IKOLA}$ TESLA, inventor, dreamer, experimenter, sees the world on the brink of its greatest discovery. He foresees man lisping through millions of miles of empty space, like a child first learning to talk, and, by means of interplanetary talk, stumbling upon a treasure greater than ever Christopher Columbus found.

In an interview recently Prof. Tesla told how he believes the spacial abyss may be crossed. He does not limit communication to Mars. He is not sure that earthlings may not ultimately reach out to planets in other solar systems, linking the human mind with the minds of the universe.

minds of the universe.

Heretofore aerial wires or conductors of some sort have been erected and used to send out Hertzian vibrations of high frequency. Tesla would use the earth itself for his "aerial conductor." He sees the earth as a conducting ball in space, surrounded by a perfect insulating medium—i.e., the emptiness of space.

Why not have wireless experimenters been able already to use the earth for the sending out of space

vibrations?

Tesla declares it is because they have designed no apparatus of the proper frequency. He says he has determined the oscillation frequency of the earth ball, its natural period of vibration.

By using electricity of high pressure and a frequency with the properties of the earth ball, its natural period of vibration.

whith harmonizes with the earth frequency, he holds that the huge terrestrial mass will throw off into space vibrations which travel into the abyss of the universe

without loss.

Tesla places this earth frequency at 11.77 vibrations a second.
Setting down his ideas during the interview, he said

Setting down his ideas during the interview, he said in part:

An attempt in this direction is, I believe, just as rational as the building of the New York subway. Indeed I am amazed that, beyond the hysterical interest manifested at the time of apposition, the vast majority of people are indifferent to life in other worlds."

Mr. Tesla, asked about the means of achieving interplanetary communication, said:

"In this new method I contemplate the application, not so much of energy in large quantities as of great pressure, which can be transmitted through the ether, without loss, to the deepest depths of the universe. The activity attainable is relatively small, but the receiver can collect energy over a vast area. Whereas, if radiations are used, the receiving surface is insignificant.

"In examining the possibilities of this plan of communication, significant relations have been found; namely, Mars could be powerfully energized by vibrations of a frequency just suitable for resonant excitation of the earth."

WHAT Should You Read? WHY Should You Read?

WHY should we read?

Answers are given by Georg Brandes, Dane, who is great as a critic of literature and as a biographer.

We should read to increase our knowledge, divest ourselves of prejudices, and in an ever greater degree become personalities.

We should read books that attract us and hold us fast, because they are exactly suited to us. These books are the good books for us.

How ought we to read these books?

Again Brandes supplies an answer. First, with affection; next, with criticism; next, if possible, so that our reading has a central point, from which we may guess or decry connections; and lastly, with the aim of fully understanding and making our own the moral lesson to be found in every event narrated.

"A whole world can thus open for us in a single book," Brandes observes. "We may become acquainted through it with some parts of human nature, wherein we shall not only recognize ourselves—changeable and rich in alterations and transformations—but find also the unchangeable being and eternal laws of Nature. "He we read attentively, we have the power to add to our moral stature, in so far as we vividly feel those things which ought to be done and to be left undone."

Young girls sometimes make use of the expression, "Beading books to read one's self." They prefer a hook "Beading books to read one's self." They prefer a hook "Beading books to read one's self." They prefer a hook "Beading books to read one's self." They prefer a hook "Beading books to read one's self." They prefer a hook "Beading books to read one's self." They prefer a hook "Beading books to read one's self." They prefer a hook "Beading books to read one's self." They prefer a hook "Beading books to read one's self." They prefer a hook "Beading books to read one's self." They prefer a hook "Beading books to read one's self." They prefer a hook "Beading books to read one's self." They prefer a hook "Beading books to read one's self." They prefer a hook "Beading books to read one's self." They prefer a hook "Beading books to read one's

Young girls sometimes make use of the expression, "Reading books to read one's self." They prefer a book that presents some resemblance to their own circumstances and experiences or desires.

"It is true that we can never understand except through ourselves." Brandes observes. "Yet, when we want to understand a book, it should not be our aim to discover ourselves in that book, but to grasp clearly the meaning which its author has sought to convey through the characters presented in it.

"We reach through the book to the soul that created it. And when we have learned as much as this of the author, we often wish to read more of his works. We suspect that there is some connection running through the different things he has written, and by reading his

Is Genius Only Instinct? A Unique Idea of Sand's

- By CLARK KINNARD -

THE boy who is impelled to draw as soon as he can hold a pencil; the Mozart who breaks out into music as early; the boy Bidder who worked out the most complicated sums without learning arithmetic; the boy Pascal who evolved Euclid out of his own consciousness; all these may be said to have been impelled by instinct, as much as are the beaver and the bee, Huxley explains.

"And the man of genius is distinct in kind from the man of cleverness," he further explains, "by reason of the working within him of strong innate tendencies—which cultivation may improve, but which it can no more create than hortfuelture can make thistles bear figs.

"The analogy between a musical instrument and the mind holds good here also. Art and industry may get much music, of a sort, out of a penny whistle; but, when all is done, it has no chance against an organ. The innate musical potentialities of the two are infinitely different."

Descartes illustrated what he means by an innate idea by the analogy of hereditary diseases or hereditary mental peculiarities, such as generosity.

On the other hand, says Huxley, hereditary mental tendencies may justly be termed instincts; and still more appropriately might those special proclivities, which constitute what we call genius, come into the same category.

Twas written by George Sand, a woman, that "Youth lives only in theories, and present society lives only in practice." She observed that Youth is the portion of human life which varies the least among all individuals; manhood, that which differs the most.

"All age is the result of this period and differs accordingly. But the weakening of the faculties confounds their distinctions, like distance weakening contours and throwing over them its indistinct veil."

To her it seemed that the season of transition from the beautiful dreams of contemplative adolescence to the sad experience of actual life is an important crisis, a terrible trial in the annals of youth.

"Most to whom it comes fall before it. It needs a strong soul, rich in generosity, to overcome the disgust born of deception.

"Weak natures under such circumstances themselves become degraded and corrupt; living and powerful imaginations harden and wither.

"It is almost impossible to know what a man will be, difficult to know what he is, but easy to know what he has been.

"One must neither distrust nor trust blindly in young people, and one must take care not to depend upon them, nor to condemn them; all is yet within them, the metal in a state of fusion is running into the mould."

Wild Roses

By EDGAR FAWCETT

On long serene midsummer days
Of ripening fruit and yellow grain,
How sweetly, by dim woodland ways,
In tangled hedge or leafy lane,
Fair wild-rose thickets, you unfold
Those pale pink stars with hearts of gold!

Your sleek patrician sisters dwell
On lawns where gleams the shrub's trim bosk.
In terraced gardens, tended well,
Near pebbled walk and quaint kiosk.
In costliest urns their colors rest;
They beam on beauty's fragrant breast!

But you in lowly calm abide, Scarce heeded save by breeze or bee; You know what splendor, pomp and pride Full oft your brilliant sisters see; What sorrow, too, and bitter fears; What mad farewells and hopeless tears.

How some are kept in old, dear books,
That once in bridal wreaths were worn;
How some are kissed, with tender looks,
And later tossed aside with scorn;
How some their taintless petals lay
On icy foreheads, pale as they!

So while these truths you vaguely guess, Abloom in many a lonesome spot, Shy roadside roses, may you bless The fate that rules your modest lot, Like rustic maids, that meekly stand Below the ladies of their land!

Song—By Thomas Peacock

Oh! say not woman's heart is bought
With vain and empty treasure.
Oh! say not woman's heart is caught
By every idle pleasure.
When first her gentle bosom knows
Love's flame, it wanders never;
Deep in her heart the passion glows,
She loves, and loves forever.

Oh, say not woman's false as fair,
That like the bee she ranges!
Still seeking flowers more sweet and rare,
As fickle fancy changes.
Ah, no, the love that first can warm
Will leave her bosom never;
No second passion e'er can charm,
She loves, and loves forever.

works consecutively we arrive at a better understanding of him and them."

Sir Isaac Newton once said: "I do not know what I may appear to the world, but to myself I seem to have been only like a boy playing on the seashore, and diverting myself now and then finding a smooth pebble, or a prettier shell than ordinary, whilst the great ocean of truth lay all undiscovered before me."

That is the way everyone who does not read good books should feel.

Velvet Makes Lovely Frocks



FFAIRS of the HEART By Mrs. Thompson

A BRIDE'S STORY

tear Mrs. Thompson: I am 23
rs old and have been married
car. My husband is good to me
some ways but he is awfully
ck tempered and when he is
ry he doesn't respect me at all.
doesn't care how he curses in
presence or how vulgar he
is. I can't stand to hear any
talk that way because I have
n raised to be refined and maniy. If some of his relations see
on the street or anywhere and
on't see them they say I am
ck up and don't care to speak
them. Nearly every morning I
e quite a time waking him and
breakfast doesn't suit him he
ies. I get breakfast and if he
sn't want to get up when I call
several times I eat alone. If
ikfast isn't warm when he gets
he is angry at me and fusses
he me. I feel as if he can get
as well as I can. He also
ces remarks about my cooking,
ays. comparing it with his
her's. I do my best and I think
should remember that everyy has a different way of cookI have a good home to go to
I have a good home to go to A BRIDE'S STORY

between people.
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