### Editor's Table.

MAGAZINES AND PAMPHLETS.

Annals of Iowa. A Quarterly Publication by the State Historical Society, at Iowa city, April, 1864. Edited by the Corresponding Secretary, F. S. Parvin.

We have already commended this inresting and valuable issue of an entersing Society. It deserves to be held as an example to the many State istorical Societies of older Commond are dead." The materials are for most part appropriate and worthy preservation. The editor will need mewhat to brush up his grammar.

THE CONTINENTAL MONTHLY for May, hntains an article of great interest and alue to the Student of Philesophy, on a Iniversal Language, by S. P. Andrews. It is learned and ingenious. The writer aims to show the possibility, scientific necessity and characteristics of a univer-

accomplished; should it prove to be the simple fact of nature that every sound of the human voice is Nature's chosen vehicle for the communication of an equally elementary idea; and that the Combinations of the Elementary Sounds into Words do inherently and necessarily, so soon as these primitive meanings and the law of their combinations are known, produce words infinite in number and perfect in structure, naturally expressive of every precise idea of which the human mind is capable, it becomes perfectly conceivable how a Natural Universal Language would be evolved by discovery alone. The creation of the Language would belong to Nature as truly and absolutely—in a sense, more truly and absolutely—than our existing instinctual Languages. It would be in fact the normal Language of Humanity, from which, from the want of such a discovery, mankind has been unnaturally debarred. The fact would prove to be that we have ever been banished from our true vernacular, and have been, all our lives, speaking foreign or strange tongues, from which we have only to recurs or come home. May we not therefore, found in Science the rational expectation, that in due time, from a Lingual Paradise Lost in the remote Past, we may recur to a Lingual Paradise Regained, in literal fulfillment of the promise of prophecy, that all the nations of the earth shall be of one speech?"

BLACKWOOD'S MAGAZINE for April. New York: L. Scott & Co. publishers. Philadelphia: for sale by W. B. Zeiber. Philadelphia: for sale by W. B. Zeiber. the successive lines to give the work Contents: Cornelius O. Dowd, upon Men greater clearness.) The history of Mr. and Women, &c. Mr. Knight's remi- Felt's invention is curious. The idea of niscences, Tony Butler, part VII. Our applying machinery to the process of Neutrality. Past and Present Troubles composition haunted him from early estimate is about 1 to 2, the former in Herat and Affghanistan. Annie and boyhood. The first wooden model of numbering 96,915.000, and the latter her Master. A Letter from Schleswig-Holstein, No. II.

ty" overflows with rancour; and preaches up the doctrine that a regard for the especially worthy of mention as a wise welfare of Great Britain should lead that nation by force, if necessary, to prevent "the calamity" of the subjuga- His device has been submitted to the tion of the Southerners. After the sack inspection of printers and men of sciof Lawrence, the massacre of Fort Pillow and Plymouth and the horrors of the Richmond prisons, it would require an extraordinary and an immoral boldness to profess such a doctrine. The visions which English tories entertain of the belligerent designs of America towards their country and which they desire checked in the bud, are only second to the nightmares they suffer from anticipation of French invasion. The tories indeed, are not England, but they have recently cherished strong expecta- the machine is that it justifies the matter tions of turning out Lord Russell and which it sees. The possibility of doing dists (including Episcopal, Church South, coming into power.

L. Scott & Co., offer 50 cents for copfor October, 1863.

LITTELL'S LIVING AGE, April 30. Contains: Correspondence—Burial of Colored People. Gold and Mr. Chase, Editorial. Life and Times of St. Bernard. Perpetual Curate, part 10. Louis Napoleon and the Popery, &c., with poetry leading, and distributing. In front is a land short articles. Weekly. Littell & keyboard of forty keys, which corre-Co., Boston.

OTHER MOTHLIES FOR MAY.

phia.

proved on the last issue. Deacon & the desired letter shall be taken. Thus, Peterson, Philadelphia. ARTHUR'S HOME MAGAZINE. T. S.

phia.

Charleston, Baptist preacher and editor the "Italic," and the "Italic capital; Slavery"-lately published by our Board | characters known to the compositor. liberated his slaves, and was in consequence driven from the country. He is now Superintendent of the Freedmen at of other keys. Port Royal, distributing among them the lands of those very men by whom he

was driven out. 2d. Jeff. Davis became a rebel against his government that he might establish as large as a man's hand, and quite as a government founded on the perpetual enslavement of the African race. A United Presbyterian Mission to the freed-tor's touch. The spectacle of this little men now occupies his house, engaged in metallic intelligence is amusing. It is the Associate Reformed Synod of the men now occupies are nouse, engaged in teaching little darkies in those very rooms armed with pincers, which it uses much South, and the Independent Presbyterian in which rebellion was hatched. in which rebellion was hatched.

## Science and the Arts.

bringing this invention, suggested by

sal language. We quote his concluding paragraph on its possible discovery:

"Could such a discovery be actually accomplished; should it prove to be the bridge, Mass., and Dr. Williams of Vt.,

experimented upon machines about the by simply reversing the motion of the same time, but without practical results. shaft. The pioneer machine was invented by persevering and unrequited toil. The a real martyr to scientific progress. his cousin who has organized a company for its manufacture. Composition and time by this machine. The types, as they are composed, are fed out in a continuous line at the left of the keyboard. They must be spaced and divided into proper lengths ("justified") by hand.

Another machine, patented in 1853, by William H. Mitchell of Brooklyn,

N.Y., is different in the mode of its working, but like the former, feeds out the type in a long line, and requires hand labor for "justifying." The matter for the Continental Monthly is set up and distributed by Mr. Mitchell's appa ratus, in the office of John F. Trow, New York The machines are also known. and, to some extent, employed in the printing houses in London, and are found to be economical.

Superior to these two machines is one invented by a mechanic of Salem, Mass., named Charles W. Felt. It is original and quite distinct from the others, and performs with accuracy and speed all the work of composing and distributing; justifying and leading the types. (Leading is placing strips of metal between the successive lines to give the work greater clearness.) The history of Mr. Felt's invention is curious. The idea of applying machinery to the process of composition haunted him from early invented by a mechanic of Salem, Mass. applying machinery to the process of composition haunted him from early boyhood. The first wooden model of his machine, was made when he was but eighteen years of age. He applied his first earnings in carrying out his ideas. By and by a few friends; then, quite a tralia and Polynesia, (the fifth grand divi-Our readers need scarcely be reminded of the intensely tory and anti-American bitterness of Blackwood. "Our Neutralibetterness of Blackwood. "Our Neutralibetterness of Blackwood." Our Neutralibetterness of Blackwood. "Our G. Henry Lodge, of Swamscott, Mass., is counsellor, and a steadfast and generous friend of the inventor. Thus aided, Mr. Felt has triumphed over all obstacles. ence in various cities of this country and of Great Britain, and has every where won approval; his first patent Baptists of all grades, (embracing Regu-was issued in 1854. A wealthy com- lar Anti-Mission, Seventh-day, Six-Prinpany for building the machines has been

organized in Salem, Mass. The merits of Mr. Felt's machine are manifold. It is comparatively simple in construction, it is strongly made and durable, it cannot easily get out of order, and it does its work thoroughly. All that is required of the operator is to read lians, 150,593; Friends—Orthodox, 54. the copy and touch the keys. The processes proceed, then, as of their own gelical Union of the West, 3.000; Geraccord. But the supreme excellence of man Reformed, 100,691; Israelites the machine is that it justifies the matter 200'000; Lutherans, 569,985; Methothis by machinery has always been doubted, if not entirely disbelieved, from an erroneous idea that the process must ies of Westminster, for January last, be directed by immediate intelligence. and 25 cents for copies of Blackwood, Mr. Felt's invention demonstrates that this operation is clearly within the scope

of machinery. The machine stands in a substantial iron framework, five feet by four, within which the mechanism is nicely disposed, so that there may be ample room for the spond to two hundred and fifty-six 000. characters, arranged in eight; cases. A Godey's Ladies' Book. Still far single case consists of thirty-two flat ahead of all competitors in its line. brass tubes, standing perpendicularly, Louis A. Godey, Publisher, Philadel- side by side, each one being filled with hia.

THE LADY'S FRIEND. Greatly im- of the keys determine from which case the small letter a is set by touching the a key; the capital A by touching the Arthur, the editor. His name alone is "capital key" in connection with the a a host. T. S. Arthur & Co., Philadelwhite capital B by touching the capital key in connection with the b key; and so on with every letter. There RETRIBUTIONS.—1st. Dr. Brisbane, of are also keys called the "small capital," of a paper there, read the "Bible against so that the machine contains all the -became a convert to its teaching, The operation of these "capital" and "small-capital keys" is similar to that of an organ-stop in modfying the effect

> When the machine is in motion,—and I should here mention that it is worked by steam, -a curious piece of mechanism, called "the stick,"—which is about adroit,—plays to and fro beneath the cases, and acts obediently to the opera-

with infinite celerity. Every time a key is touched, these pincers seize a type from one of the tubes, turn it downward TYPE SETTING MACHINES.

and, as it were, put it into the mouth of the stick. And so voracious is the appetite of this little creature, that in a few seconds its stomach is full,—in other the externate mode to substitute of the stream to make the stream to substitute of the stream to make the stream to substitute of the substitute of the stream to substitute of the substitut the attempts made to substitute ma- words, the line is set. A tiny bell gives chinery for the tedious hand-labor of warning of this fact, and the operator type setting. For above four centuries finishes the word or syllable. He then since the first invention of moveable touches the justifying key, and the types—composition or type setting has spacer seizes the line and draws it into been carried on, with scarcely any re- another part of the machine, to be justilief in this tiresome and expensive man fied, while the empty stick resumes its ner: "Combination-type" has been feeding. No time is lost; for, while the employed to some extent, by means of stick is setting a second line, the "spacer" alths "which have a name to live which the composer finds a group of is justifying the first; so that, in a few two, three or more letters commonly oc-moments after starting, the processes curring together, cast on a single shank, so that one movement of his hand brings. That of justifying is, perhaps, the most them all properly arrayed into the "stick." A New York mechanic, name wise. The stick never sets a full line, but wise. The stick never sets a full line, but ed John H. Tobitt received a medal at leaves room for spaces, and with the last the London Exhibition in 1851 for letter of each word inserts a piece of steel, to separate the words. When the others some sixty years ago, to a prac-line has been drawn into the spacer, the tical and successful issue. pieces of steel, which are furnished with tical and successful issue.

Pieces of steel, which are furnished with nicked heads for the purpose, are withegan with the inventor of the calcu- drawn, and ordinary spaces are substilating machine, Charles Babbage of tuted. All this requires no attention London. His calculator was so con- whatever from the operator. The mat-

> Thus the aspiration of inventive ge-Timothy Alden of New York, and pat- nius, in this department of art, is nobly ented in 1857, after seventeen years of fulfilled. Thus the links in the chain of progress are complete, from Laurentius worn out man died two years afterward Coster, walking in the woods of Holland, in 1430, and winning, from an ac- Dr. C. M. JACKSON, Philadelphia, Pa. The Alden machine is in the hands of cidental shower bath, the art of making movable types, down to the wide awake Massachusetts Yankee, whose genius distribution are carried on at the same will make printing as cheap as writing, and therefore a thousand times more available for all purposes of civilization, -besides lightening the burdens of toil,

reverse of composition, and is effected

# Miscellaneous.

RELIGIOUS STATISTICS OF THE WORLD.

The National Almanac and Annual Record for 1864, published by George W. Childs, of this city, gives us the world and will positively prevent Yellow Fever, fillous Fever as it is in a nut-shell. Among the great THEY CONTAIN NO ALCOHOL OR BAD WHISKEY. amount of valuable statistics which it contains, its compendium of the religious

280,000, to 1,100,000 Protestants. It is evident from Mr. Childs' great book, that our own country takes down the world in the number and variety of her religious denominations. Their number and relative membership are estimated as follows: African Methodist Episcopal Church, 26,200 members. lar Anti-Mission, Seventh-day, Six-Prin-ciple, Free Will, River Brethren, Winebrennarians, Dunkers, Mennonites, and Disciples, or Campbellites.) Total-1,-544,453. Christian Connection, 180,-000; Congregationalists-Orthodox, 269,110; Unitarian 30,000; Episcopa-000; Hicksites, 40,000; German Evan-Protestant, Evangelical Association, Wesleyan, Free Independent, Central, and Primitive). Total 1,581,732. Mormons, 70,000, Presbyterians (including Old School, NewSchool, Cumberland, Reformed, United, Associate, Associate Reformed, Free and Independent.) Total, 589,772. Reformed Protestant Dutch Church, 51,528; Roman Catholics, 3.177,140; Second Adventists, 20,000; Shakers, 4,700; Swedenborgians, 5,000; United Brethren 5,759; United Brethren in Christ, 102,583; Universalists, 600,-

The statistics, as presented in detail, concerning the state of religion in every nation throughout the world, constitute comment, and the notes with which the tables are interspersed, contain much late and important information. From the latter we extract the fact that 10,-700 Christians of Russian America belong to the Greek Church; that the protestant population of South America consists of a steadily increasing number of congregations of Germans and Swiss immigrants in Brazil, of a colony of Waldensians in Uruguay, of German, English, American, and other foreign residents in all the large towns of South America, and a small number of native converts to Protestantism: that in 1863. a plan of union was agreed upon by the General Assembly of the (Old School) Presbyterian Church of the Confederate States, and United Synod of the Presbyterian Church, and that it is probable that most of the other Presbyterian bodies of the slave States, in particular

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LIVER COMPLAINT, DYSPEPSIA, JAUNDICE, CHRONIC OR NERVOUS DEBILITY, DISEASES OF THE KIDNEYS, AND ALL DISEASES ARISING FROM A DISORDERED LIVER OR STOMACH;

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such
as Constipa
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Fullness or Blood to the
Head, Acidity of the Stomach,
Nausa, Heartburn, Disgust for Food,
Fullness or weight in the Stomach, Sour Eructations, Sinking or Fluttering at the pit of the
Stomach, Swimming of the head, Hurried and
Difficult Breathing, Fluttering of the Heart, Choking or
Suffocating Sensations when in a lying posture, Dimness of Vision. Dots or Webs before the Sight,
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Depression of
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And will positively prevent Yellow Fever, Bilious Fever
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They will cure the above diseases in ninety-nine cases out of one hundred.

From theo. J. H. Turner, Pastor of Heading M. R. Church:

Fhidadelphia, April 20, 1859.

Dr. Jacksow—Dear Sir: Having used your German Bitters in my family frequently, I am prepared to say that it has been of great service. I believe that in most cases of general debitty of the system it is the safest and most valuable remedy of which I have any knowledge. Yours respectfully, J. H. TURNER, 726 North Nineteenth street.

From the Rev. Thomas Winter, Pastor of Roxborough Baptist Church:

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Roxborough. Pa., December, 1858. yours, Roxborough, Pa., December, 1858.

From Rev. J. Newton Brown, D. D., Editor of the Encyclopædia of Religious Knowledge:
Although not disposed to favor or recommend Patent Medicines in general, through distrust of their ingredients and effects; I yet know of no sufficient reasons why a man may not testify to the benefits he believes himself to have received from any simple preparation, in the hope that he may thus contribute to the benefit of others.

in the hope that he may thus contribute to the benefit of others:

I do this more readily in regard to Hoofland's German Bitters, prepared by Dr. C. M. Jackson, of this city, because I was prejudiced against them for many years, under the impression that they were chiefly an alcoholic mixture. I am indebted to my friend, Robert Shoemaker, Esq., for the removal of this prejudice by proper tests, and for encouragement to try them, when suffering from great and long continued debility. The use of three bottles of these Bitters, at the beginning of the present year, was followed by evident relief, and restoration to a degree of bodily and mental vigor which I had not felt for six months before, and had almost despaired of regaining. I therefore thank God and my friend for directing me to the use of them.

Philada, June 23, 1861.

J. NEWTON BROWN.

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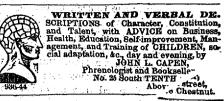
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Jacob Bartholomew, 308 South Fourth street.
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