

DIFFUSION OF LABOR.

When the labor or producing power of a State or nation, is not too much concentrated, in any one or two occupations, but is diffused in due and regular proportion, amongst those professions that control civilization, such a State or nation is, then in its most prosperous, happy, powerful, and intelligent condition.

It will be equally famed for its wealth its powers its labors, its letters, its science and its arts.

This constitutes the most approved state of society, which it is the duty of government to establish and cherish.

The more close and attentive examination of this interesting subject, the more conclusively will be established the position, that the modern principles and practice of free governments, the amelioration and refinement of society; the advancement of civilization; and the cultivation of the high intellectual pursuits; have grown out of productive labor, and the multiplication of the objects of its exercise.

It has been judged from experience and admitted by the best authorities, that the labor of twenty-five persons, will procure all the common necessities of life as food, drink, apparel, housing, furniture, &c., for one hundred persons, this supposition takes the articles as coarse, though plentiful and good—one half, it may be supposed, from being too old or too young, sick or infirm, will produce nothing.

There will then remain about twenty-five individuals of every one hundred, capable of working, who are necessarily idle or non-productive. Now on the quantity and quality of the employment with which these twenty-five individuals are occupied, depend the wealth, power, intelligence and degree of civilization.

When that portion, which is employed in creating materials, products or values, find full occupation, and is predominant, the wealth is on the increase; contentment and ease, comfort and happiness, are in the power of each individual to obtain. The reverse of this state of productive industry, brings on a lamentable change in the affairs of government. In proportion as the employment of this class diminishes, production or wealth declines; circulation becomes dull, languid and stagnant, embarrassment and difficulties surround traders; poverty and misery assail laborers; being idle, they will naturally become vicious, and oppressed by pauperism, they too commonly become criminal.

The materials for riots, and civil commotions; the ready instructions of designing demagogues, are formed and accumulated, to the hazard of all good citizens and the safety of evil government.

If in distribution of labor, the greater portion be occupied in agricultural and manufacturing industry, a State or nation will be wealthy and prosperous but not enlightened. If engaged in arts, letters, sciences, it will be distinguished for its writers, poets, philosophers, historians, orators, statesmen, sculptors and painters.

If arms, be made their trade, the people will become warlike, and will be renowned for heroes, commanders, and warriors.

The nobility of England is supported in the magnificence and splendor of an illustrious rank by inordinate salaries, attached to petty and mostly useless offices of State, and by enormous pensions and extravagant senecuses.

Are we not rapidly approaching this condition in North Carolina, and are not taxes being levied on the industries and productive members of society, to pamper the luxury, and glut the pride of the idle and unproductive.

All the ills that universal experience has shown to be the concomitants of want of employment, are increased, and can only be avoided, by opening up new occupations, as the old disappear.

Let capitalist then be encouraged to invest in manufacturing at home, every product of the country, which will give employment to all industries and open up a new era in the old North State. More anon.

Co. SHORE, N. C. 5th July, 1875.

The Columbus (Ga.) *Inquirer*, of the 6th instant, says: On Saturday last Mr. W. and Miss S., young and handsome, left Auburn for Opelika to become man and wife. They had no parental sanction; but love laughs at that when a railroad is near. Arrived at their destination, the gentleman soon procured a license and minister, when the marriage ceremony began. It had gotten as far as the joining hands, and the words making them one almost announced, when the fair one peremptorily backed out, and no persuasions could induce her to go further. The pair returned to Auburn unmarried.

The newspapers state that a well-known banker of Paris has absconded, leaving a deficit behind. Mrs. Partington thinks that it was very good of the poor man to leave it, when he might have got off clear with everything.

HOLLOW STRUCTURES.—Nature teaches us one of the grandest lessons in her economization of structures and materials. The stems of water plants are hollow and of various sections, as cylindrical, angular or furrowed. Many of them, as all know from the revealings of the microscope, are of cellular or tubular construction. Examining the stem of a young dicotyledon cut across, we find the inner portion full of radiating cells of fibro-vascular bundles, of wedge-shaped section, the pith occupying the center. If we minutely examine these vascular bundles we shall find a layer of cells traversing the bundles; on the inside of this, toward the center of the stem, the cells form the proper wood of the fibro-vascular bundle, and on the outer side, toward the circumference, the cells are closer and more compact. The layer between these portions is called the Cambium layer, and the stem of the oak and other *woogens* is strengthened by continual increase of wood fiber outside this layer, or the fiber of the stem. We might go on illustrating, from a variety of plants, the remarkable adaptation of stems to their habits and conditions of growing; some triangular in section, as in various water grasses, sedges, etc., exposing only an angle to the flow of the stream; others square and round in section, of beautiful symmetry, and which man has imitated in the art of construction, and in casting his metal into cylinders and shafts.

Not only in stems of plants and grasses, but in the bones of animals, we find the same hollow structure developed. In the case of birds, where lightness is most necessary, the substance of the hollow bones is remarkably thin. Take a feather. What a wonderful union of strength and lightness is there in it! We find this hollow-ness particularly evident in that end of the feather at which the muscles act; or at the short end of the lever.

Leaves show a similar adaptation of matter. Some leaves exhibit deep furrows or ribs which support the membrane or tissue, and give it a stiffness to withstand the pressure of the wind. Others have their surfaces indented or voluted, or formed of two or more convex lobes, thus giving rigidity to them. Again, shells and other organic forms possess cellular and corrugated parts in which the material is distributed to the best advantage. We have not been slow lately, to avail ourselves of these lessons. Our tubular and cellular bridges, our iron vessels, our columns, and shafts of machinery, our iron roofs and walls, are instances of the employment of hollow and corrugated forms, and the extent to which they are applicable and may yet be employed is almost co-equal with the whole field of inventive genius.

ANIMAL WONDERS.—In each grain of sand, there are marvels; in every drop of water a world. In that great spectacle Nature, every being has its marked place and distinct role; and in that grand drama called life there presides a law as harmonious as that which rules the movement of the stars. Each hour removes by death myriads of existences, and each hour produces legions of new lives. The highest, as well as the lowest created organism consumes carbon and water to support life and its duties, and it is not uninteresting to glance at the food, the habits and the ways and means peculiar to some of the inferior animals. From their petrified ejections we know what such fossilised reptiles as the plesiosaurs, etc., are, and may some day be able to discover the fish and crustacea they hunted down. Animals, when not living on their own respectable efforts, are either parasites or dependents; many would seem to have positive tastes, or are connected with branches of industry. There are miners, masons, carpenters, paper manufacturers, and weavers, lace makers even, all working first for themselves, and next to propagate their kind. The miners dig into the earth, form natural arches and supports, remove the useless soil: they are the mole, the chinchilla of Peru, the bader, the lion ant, as well as certain worms and molluscs. The masons build huts and palaces according to all the rules of architecture, as the bees and tropical ants: these are fish that construct boats that they never can upset, and Agassiz has drawn attention to a fish which builds its nest on the floating sea-weed in the middle of the ocean, and deposits therein its eggs. The wasps of South America fabricate a sort of paper or pasteboard. Spiders are weavers as well as lace-makers; one species constructs a diving bell, a palace of lace. When the astronomer has need of the most delicate thread for his telescope, he applies to a tiny spider. When the naturalist desires to test his microscope, he selects a certain shell of a sea-insect, so small that several millions of them in water could not be visible to the naked eye, and yet no microscope has been made sufficiently powerful to reveal the beautiful variegated designs, on the atomic shells Aristotle remarked, and he has since been corroborated, that a variety of plover enters the crocodile's mouth, picks the remnants of food off the animal's tongue and from beneath its teeth. This living toothpick is necessary, as the tongue of the crocodile is not mobile. The Mexican owl, when enjoying a siesta, puts itself under the guard of a kind of rat, that gives the alarm on the approach of danger. Parasites are not dependent on any peculiar condition of the body, and are as abundant on persons of the most robust as of the most debilitated health. They are at home in the muscles, in the heart, in the ventricles, and in the ball of the eye. They are generally either in the form of a leaf or a ribbon, and are not necessarily, as was once supposed, confined to a special animal.

OFFICE OF THE

Alamance Gleaner,

GABRIEL M. LEA, WILLIAM A. LEA, MAX L. MOORE, GEORGIA LEA, AND JAMES W. LEA. Plaintiffs For Relief. Against NORA LEA, Defendant. Special Proceedings.

STATE OF NORTH CAROLINA, To the Sheriff of Alamance County.—Greet You are hereby commanded to summon Nora Lea, the defendant above named if she be found within your County to appear at the office of the clerk of the Superior Court for the County of Alamance within twenty-six days after the service of this summons on her exclusive of the day of service, and answer the complaint which will be deposited in the office of said clerk within ten days from the date of said summons: And let said defendant take notice that if she fail to answer the complaint within that time, the plaintiff will apply to the Court for the relief demanded in the complaint. Herein fail not and of this summons make due return.

Given under my hand and seal of said Court, This 1st day of May, 1875. W. A. ALBRIGHT, Clerk of the Superior Court Alamance County.

JAMES E. BOYD, Attorney for Plaintiffs. In the above entitled action it appearing to the satisfaction of the court that the defendant is a non-resident of this State; It is ordered that service of summons be had upon her by publication in the ALAMANCE GLEANER a newspaper published weekly in this County, once a week for six successive weeks. Done in office at Graham, N. C. on the 8th day of May, 1875.

W. A. ALBRIGHT, C. S. C. Alamance County.

SCOTT & DONNELL, Dealers in Dry-Goods, Groceries, Hardware, IRON, STEEL, SALT, MOLASSE OILS, DYE-STUFFS, DRUGS, MEDICINES, LARD. BACON, &c. &c. Terms Cash or Barter. feb 16-2m

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In every respect.

It will contain all the Local News of the County, State News, the most important Telegraphic News of the week and Carefully Selected Miscellaneous Matter.

THE GLEANER will also prove of particular interest to former residents in this section, now living in other parts of the country, and to all such it will be

MAILED TO MY ADDRESS UPON RECEIPT OF SUBSCRIPTION PRICE.

GLEANNER

Robert A. Noell, Offers his services as a Tailor, to the public His shop is at his residence, in GRAHAM, N. C. His work warranted, in fit and finish. feb 16-1y

CLASSICAL AND MATHEMATICAL SCHOOL. JAMES T. CROCKER, Principal. The sixth session of this school will commence on Monday, 19th day of July, 1875, and continue for 20 weeks. Tuition from \$10.00 to \$20.00 per session. Board can be obtained at reasonable rates. For further particulars address the Principal at Graham, N. C.

\$5 to \$20 Per Day at home. Terms Free. Address G. STIMPSON and Co., Portland, Maine.

S. C. ROBERTSON, DEALER IN Grave Stones and MONUMENTS, GREENSBORO N. C.

SECTION OF THE STATE. PUT your money where it will do the most good and subscribe at once to the GLEANER.

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ADVERTISEMENTS.

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Stonewall Springs.

This celebrated watering place is now open for the reception of visitors. GOOD BOARD AND ROOMS for the low price of \$25. per month. Address F. W. FONVILLE & SON, BIG FALLS, Alamance Co. N. C.

IN THE PROBATE COURT: Alamance County. George W. Foster, and James Foster, as Administrators of John Foster, Against

Alfred Rike and wife Susan, Elizabeth Walker, W. R. Foster, John W. Foster, A. J. Foster, Thomas J. Foster, E. A. Foster, A. P. Foster, Julia A. Foster, James Matlock and wife Sarah, Geo O. Rike and wife Mary.

The parties to this action are hereby notified that plaintiffs have filed their final account with the estate of their intestate, and that unless exceptions are filed thereto within the time prescribed by law, a decree in said action will be made, and Administrators will be discharged from liability upon the settlement as set forth in their own account, filed.

W. A. ALBRIGHT, C. S. C. and Probate Judge. PROBATE COURT: Alamance County.

It appearing to the satisfaction of the Court that Alfred Rike and wife Susan, A. J. Foster, Mary, parties to the above action are non-residents of the State, it is therefore ordered that service of this notice upon them be had by a publication thereof for six successive weeks, in the ALAMANCE GLEANER, a newspaper published weekly at Graham, Alamance County, N. C.

Done at office in Graham, this 16th day June, 1875. W. A. ALBRIGHT, C. S. C. and Probate Judge.

DANIEL WORTH, Company Shops, N. C.,

Thanks his friends and the public for the very liberal patronage he has heretofore enjoyed; and begs to introduce to their inspection the

LARGEST AND MOST COMPLETE STOCK OF GOODS

ever brought to Alamance County. He has just returned from the Northern cities where he purchased and has received and is receiving his

SPRING AND SUMMER GOODS, His stock consists of DRY-GOODS, from common to the finest ever offered in this market.

READY-MADE CLOTHING, of every description.

HATS, BOOTS AND SHOES of all varieties to the best hand-made stock of

W. A. ALBRIGHT, C. S. C. and Probate Judge.

FAMILY GROCERIES, UPPER AND SOLE LEATHER,

Fertilizers,

In a word, he has everything of any quality that you will want to buy, and he will buy at the highest prices all, and any thing you have to sell. All he asks is for you to call and see for yourself. If you don't see what you want you just ask for it, and then see if it isn't found. may 11-6m

Spring and Summer GOODS, Pretty and Cheap!!! ARRIVED AND CONSTANTLY ARRIVING.

We would respectfully inform our customers, friends and the public, that we are receiving a large, complete and well selected stock of Spring and Summer Goods.

We selected ourselves, paid the cash, and can afford to, and will sell as cheap as the same goods can be bought in the State. When you come to the Shops—don't fail to come to the "Yellow House" where every one comes to get cheap, pretty, durable goods, at the very

Cheapest Prices.

Come in and look at them, they will astonish you. So pretty and so cheap! JOHN Q. GANT & CO., Company Shops, N. C.

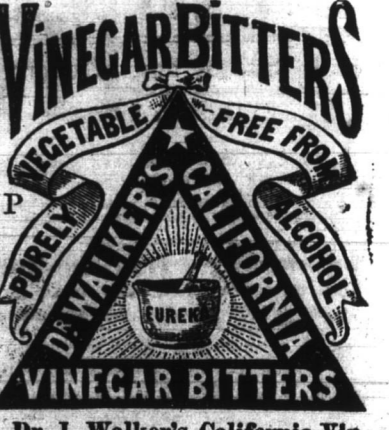
W. F. JONES & SONS, GRAHAM, N. C., Buggy and Carriage Makers, Are prepared to fill at the shortest notice all orders in their line. Repairing promptly and neatly done, at MODERATE RATES.

They also keep constantly on hand for sale at their shop, an assortment of Iron, Nails, Buggy Material, Prepared Paints of all colors, Ploughs, and Collars.

Any style of coffin furnished at two hours notice. All kinds of produce taken at market prices. We are thankful for past patronage, and hope to merit its continuance. feb 16-2m

TO EXECUTORS, ADMINISTRATORS, AND GUARDIANS. The law requires annual returns from all Executors, Administrators, and guardians. Many do not comply with this law. They are notified to do so and save cost to themselves. W. A. ALBRIGHT, C. S. C. July 5-1m.

ADVERTISEMENTS.



Dr. J. Walker's California Vinegar Bitters are a purely Vegetable preparation, made chiefly from the native herbs found on the lower ranges of the Sierra Nevada mountains of California, the medicinal properties of which are extracted therefrom without the use of Alcohol. The question is almost daily asked, "What is the cause of the unparalleled success of VINEGAR BITTERS?" Our answer is, that they remove the cause of disease, and the patient recovers his health. They are the great blood purifier and a life-giving principle, a perfect Renovator and Invigorator of the system. Never before in the history of the world has a medicine been compounded possessing the remarkable qualities of VINEGAR BITTERS in healing the sick of every disease man is heir to. They are a gentle Purgative as well as a Tonic, relieving Congestion or Inflammation of the Liver and Visceral Organs, in Bilious Diseases.

The properties of DR. WALKER'S VINEGAR BITTERS are Aperient, Diaphoretic, Carminative, Nutritious, Laxative, Diuretic, Sedative, Counter-Irritant, Sudorific, Alterative, and Anti-Bilious.

Grateful Thousands proclaim VINEGAR BITTERS the most wonderful Invigorant that ever sustained the sinking system.

No Person can take these Bitters according to directions, and remain long unwell, provided their bones are not destroyed by mineral poison or other means, and vital organs wasted beyond repair.

Bilious, Remittent and Intermittent Fevers, which are so prevalent in the valleys of our great rivers throughout the United States, especially those of the Mississippi, Ohio, Missouri, Illinois, Tennessee, Cumberland, Arkansas, Red, Colorado, Brazos, Rio Grande, Pearl, Alabama, Mobile, Savannah, Roanoke, James, and many others, with their vast tributaries, throughout our entire country during the Summer and Autumn, and remarkably so during seasons of unusual heat and dryness, are invariably accompanied by extensive derangements of the stomach and liver, and other abdominal viscera. In their treatment, a purgative, exerting a powerful influence upon these various organs, is essentially necessary. There is no cathartic for the purpose equal to Dr. J. WALKER'S VINEGAR BITTERS, as they will speedily remove the dark-colored viscid matter with which the bowels are loaded, at the same time stimulating the secretions of the liver, and generally restoring the healthy functions of the digestive organs.

Fortify the body against disease by purifying all its fluids with VINEGAR BITTERS. No epidemic can take hold of a system thus fore-armed.

Dyspepsia or Indigestion, Headache, Pain in the Shoulders, Coughs, Tightness of the Chest, Dizziness, Sour Eructations of the Stomach, Bad Taste in the Mouth, Bilious Attacks, Palpitation of the Heart, Inflammation of the Lungs, Pain in the region of the Kidneys, and a hundred other painful symptoms, are the offspring of Dyspepsia. One bottle will prove a better guarantee of its merits than a lengthy advertisement.

Scrofula, or King's Evil, White Swellings, Ulcers, Erysipelas, Swelled Neck, Goitre, Scrofulous Inflammations, Indolent Inflammations, Mercurial Affections, Old Sores, Eruptions of the Skin, Sore Eyes, &c. In these, as in all other constitutional Diseases, WALKER'S VINEGAR BITTERS have shown their great curative powers in the most obstinate and intractable cases.

For Inflammatory and Chronic Rheumatism, Gout, Bilious, Remittent and Intermittent Fevers, Diseases of the Blood, Liver, Kidneys and Bladder, these Bitters have no equal. Such Diseases are caused by Vitiated Blood.

Mechanical Diseases.—Persons engaged in Paints and Minerals, such as Plumbers, Type-setters, Gold-beaters, and Miners, as they advance in life, are subject to paralysis of the Bowels. To guard against this, take a dose of WALKER'S VINEGAR BITTERS occasionally.

For Skin Diseases, Eruptions, Tetters, Salt-Rheum, Blotches, Spots, Pimples, Pustules, Boils, Carbuncles, Ring-worms, Scald-head, Sore Eyes, Erysipelas, Itch, Scurf, Discolorations of the Skin, Humors and Diseases of the Skin of whatever nature or origin, are literally dug up and carried out of the system in a short time by the use of these Bitters.

Pin, Tape, and other Worms, lurking in the system of so many thousands, are effectually destroyed and removed. No system of medicine, no vermifuges, no anthelmintics will free the system from worms like these Bitters.

For Female Complaints, in young or old, married or single, at the dawn of womanhood, or the turn of life, these Tonic Bitters display so decided an influence that improvement is soon perceptible.

Cleanse the Vitiated Blood whenever you find its impurities bursting through the skin in Pimples, Eruptions, or Sores; cleanse it when you find it obstructed and sluggish in the veins; cleanse it when it is foul; your feelings will tell you when. Keep the blood pure, and the health of the system will follow.

R. H. McDONALD & CO., Druggists and Gen. Agts., San Francisco, California, and cor. of Washington and Charlton Sts., N. Y. Sold by all respectable Dealers.

NATIONAL HOTEL, Delightfully situated, next to capitol Square RALEIGH, N. C.

A NEW HOUSE, Fine Rooms, well Furnished and Fitted up in the best style. C. S. BROWN, Proprietor