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CHARGE TO THE GRAND JURY.

District Court of
Snohomish County,
Nov. 23rd 1878.
Gentlemen of the Grand Jury.

The means provided by law for the detection of offenses and the punishment of crimes are ample, and simple, and yet in a great measure but little understood.

We have within the Territory two Courts of original jurisdiction in the province:

First: the Justice of the Peace; these courts are at all times in session, and have full jurisdiction and power, to fully try and punish persons for any and all offenses, not felonies, by fine not exceeding one hundred dollars.

All offenses which may be punishable by imprisonment in the Penitentiary are felonies and all other offenses are misdemeanors.

Any citizen within the county has the right to make a complaint under oath before a Justice of the Peace, charging any person with the commission of a crime.

It is the duty of the Justice when such complaint is filed, to issue a warrant for the arrest of the offender. When the party is arrested and brought before the Justice, if the offense charged be a felony, the Justice shall proceed, without a jury to hear the evidence, as well on part of the Territory as on part of the defendant, and if from the whole case made, it shall appear that no offense has been committed, he shall discharge the defendant; and if he shall be of opinion that the complaint was malicious, or without probable cause, and there was no reasonable grounds therefor, the costs shall be taxed against the witness complaining; if however, he shall be of opinion that there is no malice on part of complainant, and that there was probable cause for making the charge, he will make up his cost bill and forward the same to the County Auditor to be submitted to the Board for payment.

If however the Justice shall be of opinion from the evidence before him, that a felony has been committed, and that the accused is the guilty party, he shall order the accused to enter into a recognizance or give bail for his appearance at the next term of the District Court, in such sum as he deems proper, and commit him to jail in default of such bail, and in such case he will send his transcript with the papers and cost bill to the Clerk of this court.

If however the Justice shall be of opinion that the accused is guilty of a misdemeanor only, which in his opinion would be sufficiently punished by a fine of one hundred dollars, will order the complaint to be altered, charging such offense, and send the accused with the witnesses and papers and transcript before the nearest Justice for trial.

If however the Justice shall on the case made be of opinion that the accused is guilty of a misdemeanor which would not be sufficiently punished by a fine of one hundred dollars, he will hold defendant to bail for his appearance at the next term of this Court. In all cases wherein the Justice shall hold to bail he will also recognize the witnesses, and send all the papers, with a transcript, and cost bill to the Clerk of this Court.

If the offense charged in the complaint be only a misdemeanor, when the accused is brought before him he shall, if no jury be demanded, proceed to trial and if a jury be demanded, have one brought in and proceed with the trial by jury. If the trial be by the Justice and defendant be found guilty, the Justice will assess the fine, if he thinks one hundred dollars will be adequate punishment; if not he will hold defendant to bail for

his appearance at the next term of this Court. So as to jury trial, if the jury think \$100. fine or less they will fix the amount of fine—but if they think \$100. fine not sufficient, they will find such fact—and the Justice will hold to bail.

It will therefore be seen, Gentlemen, that it is within the power of any citizen to cause any offender against the law, to be at any time arrested, and tried before a Justice of the Peace if the crime be a misdemeanor, and the Justice or jury may fix a fine of not more than \$100. and costs, and if that is not enough, may send the offender to this Court.

If the offense charged be a felony, the Justice will hear the same and if the accused be in his opinion guilty, he will send him here for indictment and trial.

But further, while any may make complaint, it is the duty of every Justice, when any offense is committed in his presence, to order any constable, or citizen to arrest the offender, and cause complaint to be made and like proceedings to be had as if a citizen had made complaint.

But further it is by law made the special duty of County Superintendents and School Directors to make complaint as to the violation of any of the school laws.

So it is the duty of road Supervisors to make complaint as to any violation of road law, coming to their knowledge. So it is the duty of the Constables and Sheriff to make complaints of all violations of any of the criminal laws of the Territory, coming to their knowledge.

While a Justice may proceed as above stated, on complaint, this Court cannot proceed to the trial of any offender until he has been indicted by a Grand Jury and the law makes it the duty of the Grand Jury to proceed to investigate the following matters:

1st All causes sent here by a Justice of the Peace, as herein above stated.

2nd All complaints submitted to you by the Prosecuting Attorney.

3d All matters specially submitted to you by the Court, without any complaint.

You will notice, Gentlemen, that a party may not only make complaint before a Justice of the Peace, but any citizen may make written complaint accusing a party of an offense, and let it be sworn to before any officer authorized to administer oaths, and submit the same to the Prosecuting Attorney, whose duty it will be to present the matter to the Grand Jury for investigation.

But finally to the end that the laws be fully enforced, and ample protection be afforded to the lives and property of our people and more especially that the laws against morality and decency, the public health, and public policy may be duly enforced, it is within the power of the Court upon its own motion to submit to your consideration, any and all statutes that may be by the Court deemed proper for the inquiry of the Grand Jury.

I have thus fully explained the mode of enforcing our criminal code, for the reason that our people do not seem to comprehend the matter. They do not seem to know that they can complain before a Justice, or the Prosecuting Attorney, and have the charges investigated at once before a Justice, and on the empanelling of the grand Jury, if they make complaint to the District Attorney.

To illustrate the point, certain parties have made complaint to me, that Ebey slough has been obstructed, now if this be true, the persons so obstructing it, if the slough is navigable, are guilty of an offense under section 113 of the crimes Act, and may be fined in any sum not more than \$500. and are also guilty of maintaining a public nuisance, and may be fined in any sum not exceeding \$1000. and the court before whom they are convicted can order the obstruction removed, at the expense of the persons guilty

and to that end may sell the things removed to pay such expense. Now every day any person obstructs any navigable water he is guilty of a crime, and is liable to arrest on complaint of any citizen, and is also liable to indictment in this Court.

For the present, Gentlemen, I submit this matter to you, to make inquiry of and if such offense has been or is now being committed let the guilty party be indicted. It must here be at once understood, that every citizen and person here has the right to publish his own cause, in any of the navigable waters of the Territory.

I also submit to your inquiry, The Statutes relative to nuisance, Act of 1875, pages 80 - 81.

Chapter 6 of crimes Act of 1873, as to offenses against public policy.

Chapter 7 of crimes Act, as to offenses against morality and decency.

Chapter 8 as to offenses against public health.

You will also make investigation as to the condition and management of your public officers.

J. R. LEWIS,
Judge.

REPORT OF THE GRAND JURY.

In the District Court of Snohomish County, Washington Territory.

To The Hon. J. R. Lewis, Judge of the said Court.

The Grand Jury of Snohomish county for the November term 1878, beg leave to report as follows:

We have examined the several county offices and the records thereof and we find that the books and records of the Auditor, Treasurer, Probate Judge and Sheriff are kept in a neat, proper and systematic manner and are correct, as far as we are able to determine. We find however that the place where such records are kept is wholly unsuitable for the purpose; there being great danger of their destruction by fire. We recommend that the Board of County Commissioners secure a more suitable and a safer building for the accommodation of the county officers and for court purposes, and we further recommend a jail be built, there being no place for the confinement of prisoners in the county.

We have examined into all matters given to us by the Court or laid before us by the District Attorney. From our examination it is manifest to us that persons often appear in the Grand Jury room, more for the purpose of spite, than for the good of the public. This is to be deplored, for it lays upon the county heavy and oftentimes unnecessary expense, which must be borne by the tax payers. We ask our people to remember that the old saying of "Live and let live" is the best policy for a new community like ours.

We have examined carefully into the matter of the obstruction of Ebey slough. We find that before the boom complained of was put into the slough, the same was obstructed by a drift pile which rendered it unnavigable the entire length thereof. This pile was removed by the persons constructing the boom at great expense and the persons complaining have been more benefited by this removal than inconvenienced by the boom. This boom is only used to receive logs during extraordinary high water, and it has been the means of saving hundreds of thousands of dollars by securing timber which otherwise would have been lost. There is at least \$10,000. worth of property now in this boom, which was unavoidably run there during the recent high water. To remove this boom now would be to lose all this property, thus entailing bankruptcy and ruin on almost every man on the river

engaged in logging. We do not think that the river there is unnecessarily obstructed as it is but little used and but three or four persons are inconvenienced while over five hundred are benefited.

The logs are being removed as rapidly as possible and in a few days the slough will be again open. Hence we have been unable to find any bill of indictment for obstructing this slough. The Justice of the Peace Court is open to any persons who feel themselves aggrieved, should this obstruction be continued for an unreasonable time in the future, and we recommend to all parties to wait a few days. The destruction of the logging enterprise of Snohomish county, would entail irreparable loss on this entire community, farmers, merchants and all.

Respectfully submitted,
JOHN DAVIS,
Foreman of the Grand Jury.

DISTRICT COURT.

Proceedings of the November Term 1878 of the District Court of Snohomish County W. T.

The District Court of this county convened in this place on Tuesday, Nov. 19th 1878. Present The Hon. J. R. Lewis, Chief Justice of Washington Territory and Judge of the Third Judicial District, sole Judge of this Court.

W. H. White, District Attorney, Wm. Whitfield, Deputy Sheriff, H. A. Gregory, Clerk.

The attorneys present were: James McNaught, C. H. Hanford and Thos. Bark of Seattle; C. M. Bradshaw of Port Townsend; and Eldridge Morse, Wm. M. Tirtlot and Edw. Holland Nicoll of Snohomish City.

The Grand Jurors were John Davis, foreman, T. Ovensell, U. S. Mason, N. F. Laque, T. Williamson, John Elwell Jr., R. Smallman, G. Sparrell, C. Scootey, Tamin Elwell, I. Trana, W. F. Gaur, L. H. Hanson and P. Henry.

Court was in session four days. Besides the case of the Territory vs Roberts, there were five old civil cases continued from last term to this, and 36 new cases, making in all 42 cases in court. All of these were disposed of except seven, which were continued until next term of court. Three of the causes continued were old Roberts' cases, commenced about the time he was declared a bankrupt, and arrested by this proceeding until the bankruptcy matter would be disposed of. The other four cases were continued for service. The Grand Jury were in session three days, they found three indictments; but as the parties indicted have not been arrested, none of these cases came before the court.

There were six cases of mortgage foreclosure, and a great number of judgments entered by default on notes and accounts, nearly all the rest of the business was in foreclosure of loggers' liens. Six different lien cases against Austin were consolidated, judgments entered and funds in court divided among those entitled to the money. The lien cases of Cathart vs. Young, and Albee vs. Young were also consolidated and judgment duly entered therein.

There was a jury trial in only two cases, one a very important criminal case, and the other a very trivial civil suit.

In the criminal case against Roberts, the defendant was tried on a very serious offense, the evidence was of a very disgusting character, the trial was very thorough, the prisoner was ably defended by Messrs. Burke and Hanford, and the jury returned a verdict of not guilty.

The civil suit tried by a jury was the case of Woods vs. Hagley; it was one of [Continued on page four.]

SPONTANEOUS GENERATION.

The Following Lecture was Delivered Before the Academy of Sciences, at Olympia, in May Last by Professor L. V. Russett.

[Continued]

Members of the Academy.

I will present to you this evening the examination of a subject of the most vital importance. Vital because of the important functions it exercises in the intricate problem of Life. Scientific doctrines can be divided into two kinds: those that have been proven and those which, although unproven, still are in a sense, accepted to fill gaps in our knowledge.

If a theory or doctrine has established itself on so firm a basis that its truth can not be shaken, then it must be completely admitted and attention directed to more questionable and unsettled doctrines. I mean by this, that if a theory can be fully substantiated by facts, it is an evidence of its correctness; if a theory does not receive this support, it is still wrong to deny its possible truth, for the reason that further research may modify, change, or fully prove the theory in question.

Two problems of this latter kind have agitated the reading world during late years, or really two aspects of one general problem, that of Evolution. The first view is that man may have descended from some non-human vertebrate animal; the second, that now, living matter may have been and may still be endowed with life spontaneously.

It is not my intention to enter into a discussion of the relations of the theory of Spontaneous Generation to the doctrine of Evolution, I simply desire to present the idea itself with the arguments for and against it, also such proofs as have been adduced to within a month of this evening.

ORIGIN OF THE IDEA.

Aristotle first promulgated the idea of Spontaneous Generation.

For twenty centuries after him, men found no difficulty in believing the theory. Shell fish of all kinds were supposed to be without parental origin.

Eels were supposed to spring spontaneously from the fat ooze of the Nile.

Caterpillars were the spontaneous products of the leaves they fed upon, while winged insects, serpents, rats and mice were all thought capable of being generated without sexual intervention.

The researches of modern scientific experimentalists has created a tendency to skepticism. A living doubt, as it were, furnishes an impulse to impugn old and seemingly well established beliefs. Not satisfied with this, or as their researches tended to confirm their disbelief, this impulse urged the investigators to an analysis of mere strictly hypothetical ideas.

DIFFICULTIES PRESENTED.

Such a one is this of Spontaneous Generation. Were it confined, the question of the Origin of Life and a First Cause, might be considered settled ones.

A vast field, consisting mainly of the labors of a careful research during the past few years, makes it more difficult for one to attempt an exhaustive examination of the subject.

In putrefying flesh immense multitudes of maggots are found. This fact was observed in 1668 and the then dominant idea of Spontaneous Generation easily accounted for this by supposing their origin to be in accordance with their theories.

Francisco Redi, physician of that time, observed, in watching a piece of meat in its various stages of decomposition, that flies were buzzing around the meat and frequently alighted on it.

The maggots, he thought, might be the half developed progeny of these flies. They having laid their eggs on the meat,

finally determined by experiment the truth of these conjectures.

This at that time and until quite a recent period was deemed satisfactory evidence of the untenable character of the Spontaneous generation theory.

USE OF THE MICROSCOPE.

The discovery and improvement of the microscope, has brought to view a vast number of individuals, so minute as to suggest an easy passage from atoms to organisms. Animal and vegetable infusions exposed to the air were found clouded and crowded with creatures far beyond the reach of unaided vision, but perfectly visible to an eye strengthened by the microscope.

With reference to their origin these organisms were called Infusoria.

Stagnant pools were found full of them, and "the obvious difficulty of assigning a germinal origin to existences so minute, furnished the precise conditions necessary to encourage the idea of heterogeneous or Spontaneous Generation.

MEANING OF THE TERM.

As its name implies, this theory of Spontaneous Generation, holds that particles of matter existing in a perfectly lifeless state, can voluntarily assume vitality. How this occurs is set forth by Buffon in his theory of a coming together of organic molecules previously inert, but vitalized by the contact; by Needham, who in addition to the organic particles, assumes the existence of a special vegetative force, possessing the power of drawing these particles together to form living things.

Bastian promulgates his belief, that, as in the case of more simple chemical changes, as for instance in the combination of the molecules of the mineral substances to form acids and bases by virtue of their inherent tendencies, also, that these acids and bases unite so as to produce salts, which in their turn will often again combine in "double salts," which and, as each change in these synthetic process, or molecular complexities gives products with properties very different from those of their constituents, so it is possible that living matter may originate in this natural manner; that "like other kinds of matter, it comes into being by virtue of the operation of the same laws and molecular properties as suffice to regulate its growth.

In a chemical change crystallization takes place by the spontaneous separation and aggregation of molecules; a fragment of crystalline matter, if artificially separated from the parent mass will under suitable conditions grow into a crystal similar to the original form.

ON FORCE.

A mysterious force is here at work: the Bastian school contends that this force can exist, itself equally in the separation and aggregation of particles necessary to the production of living matter.

Matter is indestructible. So is force. Forces are modes of motion and motion is continuous. This force is everywhere; in the effect which in part produces heat and light; being also persistent it may communicate itself to particles and is likewise communicable from molecule to molecule.

This force is rendered perceptible in the sensations of sound, heat and light, which you know are due to a vibration of the air.

We take for experiment, a long piece of wire suspended by the ends, which by an imaginary process it is in our power to give any number of vibrations in a certain time.

We vibrate it at first slowly, a total silence; a little faster, a deep tone becomes audible; we increase the vibrations, the note becomes more treble, it ascends in pitch; we increase the vibrations, a total silence again results; we continue slowly to augment the vibratory movement of the wire and an agreeable warmth begins to diffuse itself, becoming every moment more intense until unbearable; as we make the vibrations still more rapid, the wire gradually assumes a dull red hue; increasing vibrations cause it to assume various colors. From red it passes to blue, the effect of a constantly increasing motion, until finally with a deep violet flame, the particles of matter composing the wire are

consumed in the heat generated by its own motion.

You will pardon the digression, I merely endeavored to illustrate a Force, which, subject to various conditions still remains constant. Although much attention has been given to an analysis of Force, no more satisfactory end has been reached, than that it exists and that we are cognizant of some of its phases, such as Heat, Light, Electricity and Sound.

This force exists itself on the living organism; a phase or condition of it is dispersed through every living atom; it gives vitality to the infinitesimally minute animalcule.

This force affects the vegetable and mineral world as well as the animal.

BASTIAN'S POSITION.

Bastian, then, argues that this Force, in its intermingling with the particles of all organic or inorganic matter, by causing a molecular disturbance, engenders species of living organisms. We will take one of the species for the sake of illustration.

That most usual and capable of being submitted to experiment is embraced under the generic name of Bacteria.

When a fluid containing an organic substance in solution is allowed to remain in contact with air during moderately warm weather, it soon undergoes changes of a putrefactive or fermentative character. After the liberation of gas, after a time a slight, whitish scum or pellicle that soon thickens into a membrane, makes its appearance upon the surface of the fluid.

"On examination with a microscope it will be found swarming with multitudes of mere moving specks, intermixed with short staff like bodies, also in motion. These latter are Bacteria. The specks are Monads," or as Bastian terms them "H-stile particles."

Bacteria seem to be a higher organism or development of these Monads, which latter are taken as the lowest form of living matter.

The Bastian school attributes the generation of the Monads to the exercise of Force, by bringing together particles of matter, the aggregation resulting in living organisms.

I have said enough from the Bastian stand-point to give you a clear comprehension of the following questionings of the tenable character of the theory of Spontaneous Generation.

EXPERIMENTS.

We find experiments on this subject by Spallanzani in 1777; Schulze in 1836; by Helmholtz 1843; Schroder and Von Dusch in 1854; Postem in 1863 and during the past year by Prof. Tyndall.

All are eminent men of science and their convictions, founded upon the results of their labors carry weight with them.

We will confine ourselves to Tyndall's experiments as being the most recent.

First of all, I will call your attention to the Bacteria or germs of life. The opponents of the Spontaneous Generation theory hold that these germs exist in great numbers, every where, also in the air, and that all matter receives the life which is attributed to a Spontaneous origin from these floating organisms.

With the view of determining this point, that they already exist, without spontaneity, have all the experiments been conducted, Tyndall repeating the experiments of other investigators, filters his air through cotton wool; calcines it by high temperatures; allows the floating particles to settle by avoiding agitation of the vessel containing them; and also uses air filtered by the deeper cells of the human lungs.

Through this air, cleared by these various methods, he passes a beam of light.

A RAY OF LIGHT.

Be it understood that the path of a ray of light is rendered visible by the number of reflecting surfaces offered by the particles of matter in suspension in the air; when these are removed by any artificial means we can no longer follow the track of the beam of light, and this furnishes a most powerful and conclusive test, for the presence of any floating particle however small. Tyndall prepared a number of flasks with necks drawn out to a fine point, so that at any time they could be hermetically sealed by fusion. An infusion of turnip carefully boiled

and filtered is put into a number of these flasks and the latter hermetically sealed. These flasks contain no germs, the boiling has ensured this.

Fifty flasks are taken to the Alps. Twenty-three of these are opened in a hay loft, for the purpose of exposing them to the air, the remaining 27 are opened on the summit of a mountain, where the air, coming as it does over snow-fields and glaciers, where no vegetation exists, is absolutely pure. After three weeks exposure to a temperature varying from 50° to 99° Fahr. height, of the twenty-three opened in the hay loft, twenty one are full of bacteria, of the twenty-seven opened on the mountain not one is affected. Only one conclusion is possible, namely, that the germs existed in the air of the loft.

Another experiment was to determine if boiling would kill the germs in an infusion. It is well known that seeds offer different resistances to heat. Some are killed by a momentary exposure to the temperature of boiling water, others withstand it for several hours.

The germs of the air vary as much. Tyndall found some germs that resisted eight hours continual boiling.

MAIN POINT OF ARGUMENT.

Just here is the main point of the advocates and opponents of the Spontaneous Generation theory. Bastian holds that the briefest exposure to boiling water is sufficient to destroy life. If then, after this brief exposure, in hermetically sealed flasks containing vegetable infusion, life is still found, it is quoted by him as in support of a spontaneous generation.

The other side claims that even eight hours boiling may not be the maximum time necessary to ensure bactericide.

The maximum temperature at which they live or the minimum temperature at which they cease to live is generally known as the death-point of bacteria and all experiments are directed with the end of its determination in view. These experiments also prove conclusively that there is a marked difference between the dry bacterial matter of the air and the wet, soft and active bacteria of putrifying organic liquids. The heterogenist or advocate of Spontaneous Generation makes no distinction between the two classes of bacteria, those breeding in a saline or inorganic solution and those developed in a vegetable or organic infusion.

What I mean is, that germs existing in these liquids differ from those in the air in their resistance to high temperatures, yet the heterogenists have subjected the bacteria generated in the liquids to the boiling point and argued therefrom that a similar temperature would equally kill the germs existing in the air. Tyndall fully exposes the unsound character of this argument, to quote from him:

"We have proved by multiplied experiments the alleged destruction of all living matter by the briefest exposure to the influence of boiling water to be a delusion.

The whole logical edifice raised upon this basis falls to the ground; and the argument that bacteria and their germs being destroyed at 140° must, if they appear, after exposure to 212° be spontaneously generated, is, I repeat, silenced forever."

THE BACTERIA.

We will now examine these germs of life or bacteria and their bearing upon animated nature.

The smallest organism which the microscope has hitherto revealed are grouped together under the common name of Bacteria. In the stafflike bacteria, the usual mode of propagation and multiplication is bisection. The staff is nipped at its center, the nip deepens, and finally the bacteria is divided into two halves which lengthen and are bisected in their turn. This process is so very rapid that it enables scientists millions of individuals to proceed in twenty-four hours from a single ancestor. Our atmosphere is the receptacle for the myriads of these microscopic beings. When the thin pellicle covering fruits is torn off, and an opening made for atmospheric germs, they penetrate the interior producing fermentation, and fungus growth with a result which we generally express by calling the fruit so affected "rotten."

These germs enter wines causing them to grow acid, change, become oily or filmy, to take on a decided bitterness and to be covered with fungi in the shape of mould. All these sicknesses depend upon the development of different little plants from the atmospheric germs. Experiments have been made by injecting liquids containing bacteria under the skin of living animals. Dogs resist the poison but rabbits rarely. This poisoning is mainly through the rapid increase of the bacteria in the system mixing with and interrupting the circulation of the blood. Blood taken from an affected animal injected into a second exerts a poisonous influence and what is most singular that the blood taken from each successively afflicted animal becomes more deadly in its nature. The gradual increase of the virulent force is such that, if we take a drop of blood from an animal representing the twenty-fifth term in a series of successive inoculations, and so dilute this drop with water that a drop of the dilution corresponding to one thirtieth of the original drop, we get a liquid of which the smallest quantity still displays mortal activity. A drop so diluted, when examined with the highest powers of the most perfect microscope permits no bacteria to be detected.

RELATIONS OF MICROSCOPIC LIFE TO DISEASE AND DEATH.

In human maladies bacteria are found in the blood of persons attacked by infectious disorders. In typhoid fever, if the blood be taken from a human being so attacked and injected into a rabbit the latter dies. Small pox, scarlet fever and kidney diseases owe their contagious character to the minute atmospheric germs, which carry the disease from the sufferer abroad. These germs, also, enter a wound and cause putrefaction hence the aim of the surgeon in an operation is to bar ingress to bacteria by the use of an antiseptic or disinfectant, that is, a substance possessing the power to kill the germs. Or take a corpse. When life has retreated by slow degrees from all the parts of an organized being; when, after all partial deaths have occurred, total death has possessed the subject and broken all the springs of its activity, the work of putrefaction begins.

Its task is to unmake this body, to destroy its forms and discover its materials. The work to be done is to destroy it, to reduce it into solids, liquids and gases, fit to go back again into the vast reservoir whence new life is incessantly issuing. This is the task that heat, moisture, air and germs will undertake in unison.

It is all performed with steady diligence. Nature knows no delay; as soon as the body is cold the protecting coating that covers all its surface, epithelium, decays in places, particularly in the moister parts. The agents of disorganization, bacteria, or rather their germs, penetrate through the skin, wind into the small ducts, invade the whole blood and by degrees the whole organism. Soon they swarm everywhere, almost as numerous as the chemical molecules in the midst of which they stir.

The albuminoid matters are decomposed into field gases, escaping into air.

The fixed salts, alkaline and earthy slowly release themselves from the organic matter with which they combined to form tissues. The fats oxidize and grow acid; the moisture dries away. Everything volatile vanishes and, at the end of a certain time, nothing remains save the skeleton, but a formless mingling of mineral principles, a sort of humus, ready to manure the earth. Now all these complex operations absolutely required the intervention of the infusoria of putrefaction.

In pure air, deprived of living germs they could not have been accomplished. To resist this influence by affording a means of relief from bacteria pest disinfectants and anti-septics have been discovered and applied with which in the shape of sprays, washes and fongators you are familiar.

The discovery of the character of microscopic cells and filaments, and the part they play in that existence denominated life is one of the most certain acquisitions of modern science, one of

The most important from the point of view of natural philosophy, one of the most productive for those arts that are concerned in improving the condition of mankind.

FERMENTATIONS.

Until very lately, all fermentations were supposed to be produced by the spontaneous decomposition of organic matter within a fermentable liquid. Attention to the various stages of alcoholic fermentations, led to the discovery of the fact that apart from natural chemical changes, a production of scum accompanies the formation of alcohol. This scum is a microscopic fungus consisting of minute rounded globules. As they multiply in the fermenting liquid the chemical changes become more decided, the sugar of the liquid changes into alcohol and various acids. For wine when it sours, changes its alcohol to acetic acid. Acetic acid is the principal constituent of vinegar.

The agent in the transformation from alcohol to acetic acid is a minute plant. The plant is cell like and containing oxygen effects a chemical change.

This scum better known as mother of vinegar, is an aggregation of Bacteria which the wine has received from the atmosphere. When milk turns and sours lactic acid is formed. The agent in this transformation is likewise one of the Bacteria.

The rapidity of a fermentation depends on the physiological activity of the microscopic beings contained in the liquid.

Fermentation, then, is due to the change in the molecular arrangement of a liquid by the movements of the Bacteria who multiplying, moving, developing and feeding represent in a measure quite a measurable amount of energy. If we add to a wine in which fermentation has not commenced, an isleptic no fermentation takes place.

This in its self is abundant proof of the cause of fermentation, since if we are able to destroy the cause so easily, it certainly admits of but little doubt as to its nature.

CONCLUSION.

I will now close, with the hope that I have laid the subject intelligently before you. "Thus, just as the infinite universe through which the spheres roll is filled with invisible particles of a subtle matter to which physicists and astronomers give the name of ether, and which supplies them only key to cosmic phenomena, so the infinite universe in which organization unfolds itself is thronged with corpacles no less invisible, forming what the illustrious Ehrenberg calls the milky way of lower organisms and no less essential for the explanation of the processes of which I have traced the general course. The theory of Spontaneous Generation as it is at present, cannot be substantiated, but all acknowledge the existence of an all permeating and all powerful Force.

As there is a ether wanting in life so there is an ether endowed with life, a vital ether.

Both are above denial. They surpass our reason yet reason, cannot but demand them. They elude the close grasp of experiment, yet experiment does not permit them to be avoided; they are unseen, and without them there could be nothing seen.

The mind clings to them with the stores of all its power to embrace, perhaps because it feels a secret, mysterious affinity with them, perhaps because it is in substance of the same essence with them."

NOTICE.

All parties indebted to Isaac Cathcart will save costs by immediate settlement of their accounts. All goods will be cash on delivery from this date.
Snohomish W. T. Nov. 9th 1878.
n1431f

NOTICE.—All parties indebted to L. Hanson are required to appear at his place of business in this town and settle their accounts prior to Jan. 1, 1879. Dated at Snohomish City, W. T. Oct. 11, 1878. L. Hanson, ad292f Blacksmith.

HERB. KLAUSMAN.
GEO. CANTRELL.
THEO. H. BOEHRER.

Eagle Brewery

MUKILTEO WASH. TERR.
The BEST BEER in the TERRITORY.
TRY IT TRY IT TRY IT
Boehme Condiment & Co.
S. ROBERTSON.

River Side Hotel.

This old and popular resort is again open for the accommodation of the public.

ANDREW O'CONNOR is in charge as Sole Proprietor.

— Terms Reasonable. —

Nothing will be left undone to merit the public patronage.

ANDREW O'CONNOR.
Snohomish City W. T. Oct. 20th 1878.
n1341f

Boats! Boats!

BOATS of all kinds, large and small built to order at the lowest living rates by,

JOHN YARNO

BOAT BUILDER, SEATTLE W. T.
SHOP, FOOT OF SECOND STREET near Seattle and Walla Walla R. R. depot,
None but the best material used and SATISFACTION GUARANTEED.
n1321f

MARYLAND HOUSE,

La Connor, - - W. T.

NO PAINS WILL BE SPARED IN keeping up the reputation of this house as one of the quietest and best kept hotels in the Territory.

NO LIQUOR SOLD!
Everything neat and clean about the premises

GOOD BILLIARD TABLE

Kept for the convenience of patrons of the house. Special efforts will be made to keep the table supplied with the best the market affords, and to see that the food is cooked and served second to no other house in the Territory.
John McGinnis, Proprietor.
121-1f

Look!!

Fresh Meats

AND

GROCERIES
GEO. G. ENGLAND,

Has Just Received and Opened a New and

COMPLETE STOCK OF

FRESH and SALTED MEATS,

CANNED FRUITS,

FLOUR, HAMS,

BACON, ETC., ETC.

Store Nearly Opposite Drug Store.

OFFICIAL RETURNS of the GENERAL ELECTION, SNOHOMISH COUNTY

OFFICES.	CANDIDATES.	SNOHOMISH PRECINCT.	CENTREVILLE PRECINCT.	QUALCO PRECINCT.	LOWELL PRECINCT.	MUKILTEO PRECINCT.	PACKWOOD PRECINCT.	TOTALS.
	Total No. of votes	179	111	51	34	24	21	
Del. to Congress.	T. H. Brents. N. T. Caton.	94 89	79 30	21 29	27 6	5 19	11 6	237 170
Erig. Gen'l	J. H. Smith. Geo. Hunter.	57 55	78 31	16 31	23 8	6 17	9 8	219 185
Quartermaster General.	F. W. Sparling. C. D. Emery.	90 84	79 29	16 34	25 7	7 18	9 8	219 185
Adg't Gen.	J. B. O'Dell. A. Storah. J. H. Smith.	85 88 1	31 78	34 16	7 24	19 6	9 8	184 221 1
Commissioner General.	D. N. Smith. J. S. Walker.	83 84	78 29	16 34	23 7	6 19	9 8	220 181
Prosecuting Atty.	G. M. Haller. I. Ballard.	68 104	25 24	31 16	2 28	5 17	8 8	139 160
Joint Councilman.	H. B. Emery. J. McGinn. G. Savage.	57 88 29	14 76	23 17	7 23	3 5 17	8 9 46	122 238 46
For Constitution. Against Const.		152 2	76 9	33 4	19 5	25 5	2	308 20
For Sep. Art. No. 1		25	6	2	13	1	2	49
Ag't " " " 1		25	70	30	7	29	2	157
For " " " 2		20	6	2	12			40
Ag't " " " 2		28	71	27	7	23		156
For " " " 3		35	19		13	1	3	62
Ag't " " " 3		21	66	28	9	23	2	149
Representative.	O. B. Iverson. H. Blackman. W. B. Moore.	42 114 22	65 30 14	14 21 12	4 17 3	5 19 1	5 15	142 216 52
Sheriff	Wm. Whitfield. J. H. Plasket.	131 47	67 42	45 6	9 23	19 5	14 6	282 129
Auditor.	John Swett. H. A. Gregory.	105 72	56 53	38 12	21 11	17 6	16 4	254 155
Treasurer.	E. C. Ferguson. Lot Wilbur.	67 107	73 37	11 38	16 38	7 17	3 17	173 235
Probate Judge.	R. Haskell. E. H. Nicoll.	78 94	83 23	17 29	18 15	10 14	10 10	216 186
County Com.	John McDonald C. Harriman. Thos. Overnell. John Davis. F. H. Hancock. J. H. Irvine. W. H. Ward. C. Stackpole.	1 82 1 113 97 57 88 98	1 31 1 36 37 73 76 78	1 31 35 15 14 16 18	1 6 19 16 6 8 26	13 1 12 12 8 8 6	12 12 8 8 8	3 12 226 211 171 190 234
Co. Superintendent of Schools	T. W. McCoy. I. Cathcart.	170 1	109 9	50 37	33 12	24 16	20 13	406 209
Coroner.	J. T. Taggart. H. Oliver.	96 74	35 73	37 13	12 21	16 8	13 6	209 195
Co. Surveyor.	W. H. Brown.	160	107	49	31	23	20	399
Justice of the Peace Snohomish Precinct	W. Deering. S. H. McNaughton. J. N. Low. R. Haskell.	9 131 6 2						
Constable.	L. Hanson. N. Haley. W. B. Stevens.	43 25 6						
Justice of the Peace Centreville	O. B. Iverson. Thos. Adams. H. A. Dewey. H. Oliver. Thos. Overnell.	70 42 3 1 4						
Constable Centreville Prec't	Wm. Hunt. M. P. Inque. Jas. Collins. L. Beach. Thos. O'neil.	1 60 17 1 1						
Justice of the Peace Qualco P.	H. Spurrell. I. W. Brewster.					2 12		
Constable Qualco Prec't	A. Johnson. I. Peer.					9 2		
Justice of the Peace for Lowell	D. Brigham. E. D. Smith.					7 25		
Constable for Lowell	Geo. Sines. H. J. McCord.					18 5		
J. P. Mukilteo	M. H. Frost.					18		
Constable for Mukilteo.	I. Arthur. A. Spithill.					8 8		
J. P. for Packwood.	S. T. Packwood. W. F. Ordway.					5 1		
Constable for Packwood.	Geo. Elwell. N. Smith.					1 1		

T. E. YOUNG WM. YOUNG.

NEW ENGLAND HOUSE.

YOUNG BROS. PROPRIETORS.

This House having been refitted and newly furnished is now

OPEN FOR THE RECEPTION OF VISITORS.

A large MacNeal and Urbin's Sale for the use of guests. Passengers and baggage carried to and from the House free of charge.

OPEN DAY AND NIGHT.

Two commodious Sample Rooms for the use of Commercial Travelers.

OLYMPIA - - - - - W. T. n 138 1f

L. A. TREFEN,
Manufacturer, Wholesale and Retail Dealer in
BOOTS AND SHOES,
COMMERCIAL STREET, SEATTLE
MAIN STREET, OLYMPIA.

Kip, Calf and Stags Boots and shoes of his own make constantly on hand and for sale in quantities to suit. Employing skilled workmen and the latest improved machinery, he is enabled to furnish the best work by the case or single pair at the lowest living prices. Custom and measure work done in any style. Alligator, Tongue or Cork Sole boots; French Calf, Kip and the best brand of leather used. For Orders solicited and goods sent to any place by Steamboat, Express or Mail.

NEW ENGLAND HOTEL

Cor. Commercial and Main St.

SEATTLE W. T.

BOARD AND LODGING per day \$1.00 to \$2.00, per week from \$6.00 to \$8.00 according to room.

FREE COACH TO AND FROM THE HOUSE.

THIS HOUSE is conducted on first class principles, every attention will be paid to its patrons, and nothing will be left undone to preserve its reputation of being

The Best House in Seattle.

It is NEWLY built and HAND FINISHED throughout and has the cleanest and best situated rooms of any house in the city

L. C. HARMON, Proprietor.
n1321f

APPROVED SOLDIER'S ADDITIONAL HOMESTEADS

can be located upon any lands, either single or double minimum lands, subject to homestead whether timbered or not, and having the only first class paper in the county, have made arrangements with the following gentlemen in Western Washington: A. Mackintosh, Seattle. John S. Wheat, Olympia. G. Morris Haller, Port Townsend. Henry Jackson, Snohomish City.

Who will have on hand, at all times, my scrip for the accommodation of all desiring to purchase, at the rate of \$3.25 per acre for 80s and 120s, and \$3.75 per acre for 40s; fractions, special. Another fraudulent class of scrip known as "floats" can be gotten at much less rates; but no title can be given, and is, of course, not so valuable. A deed can be gotten from the original applicant of any land located by scrip purchased of me, as I in no case buy from other than the original homesteader, and know where to address him for a deed if one be required. Full investigation is asked that the worth of my paper may be known. Call upon or write to any of the gentlemen named above, who will sell you the Talbot additional homestead scrip which will insure you a patent to your land as well as a perfect title, and also as cheap as you can buy it.

D. H. TALBOT, Gen'l Land-scrip and Warrant Broker, Sioux City Iowa.
n1401f

City and County Intelligence.

TERMS OF COURT.

District Court, Third Tuesday of March and second Tuesday of November of each year. Probate Court, Fourth Monday of January, April, July and October of each year. County Commissioners Court, First Monday of February, May, August and November of each year.

LIST OF PUBLIC INSTITUTIONS.

Masonic, Centennial Lodge, No. 22 Regular communications first and third Saturdays of each month. I. O. G. T. Olive Leaf Lodge, No. 11, first and fourth Saturdays of each month. I. O. O. F. Snookish Lodge, No. 12, Regular meetings on Thursday evening of each week. Snookish Athenaeum. Snookish Free Religious Association. United Presbyterian Church and Congregation of Snookish City. Snookish County Agricultural Society. Snookish Rifles, Militia Company. Snookish Telegram Company. Snookish Cemetery Association.

LOCAL AGENTS.

Sheriff G. W. L. Allen, for Whatcom Co. Dr. J. S. ... for Las Comer Co. D. E. Gage, for Skagit County. J. ... for Mount Vernon. Maj. G. O. Hauer, for Coquille Co. Island Co. W. M. Haller, for Port Townsend. John M. Izett, for Clatsop Co. D. O. Pearson, for Clatsop Co. Jas. Williams, for Bentonville, King Co. T. ... for Newcastle. Money & Co., for New Tacoma. Frank Young, for Puyallup. M. Van Dorn, for White River. D. S. Taylor, for Falls City King Co. W. T. W. Dennis, for Squah, King Co. W. T.

Local Items.

Most men like a loving reception from their conjugal partners, when they return from business to the quiet of domestic life, but that of the Proprietor of the Fountain Beer saloon, when he received a dipper of hot water, thrown all over him from his loving companion and helpmeet, a few days since, was as he thinks almost too warm to be strictly agreeable.

Blackman Brothers are now engaged in hauling so very long timber over their logging railway, on their regular track, for Thos. Rinnels and Son, who are logging back of the lake, about two miles in the rear of this place. There will be about 8 long boom sticks from 108 to 112 feet long, with an equal number of shorter ones to hold the boom they are hauling. This boom will be composed of 122 sticks, varying from 70 to 107 feet, and from 18 to 33 inches in diameter at the small end of each log. This all goes to Gamble. Dep. Sheriff Whitfield informs us, that eleven years ago, the tick that now forms the keel of the Bark Forest Queen, was hauled from this same ground. It was 152 feet long, and worked one and one-half days to haul it.

Here There and Elsewhere.

Wind and rain. River falling again. Court week is past. School closes this week. Virtue is its own reward. Where's them Haystack Wags? Likely to have some weather gods. The grand masque ball was a success. Thanksgiving next week, poor turkeys. Sweet and pillow case on Thanksgiving. The longest pole knocks the person. It wants health wants every. It was ever accomplished to. It will be westward last Monday. It will be westward last Monday. It will be westward last Monday. A stage is being constructed in the

Sitting around a kitchen stove wishing for a fortune, never made a man rich. Work to day, for you know not how much you may be laid out to morrow.

Man glories in his strength, woman glories in her hair, butler glories in both.

A London editor says, "If you don't do half the mischief in the garden as is done by the sticks etc, the women throw at them."

A clear conscience and a waist go together. Though the place be lonely, dark, and isolated, you need not fear to meet a man who is whistling.

Mrs. Lucinda Pares, the sprightly widow (230 avoirdupois), was recently married to a Mr. Gordon both of Snoqualmie prairie, King Co. A modern Gordon knot with a naucness.

Squart says: "some people make tools of themselves, as the only means of attracting attention; others for the fun of the thing, and there are others who would follow the example only to lure forest-aid them at the start."

Remember this, if you violate the laws of man, sooner or later man will detect you; if the laws of nature, the act itself detects you; guilty, the finger of the Avenging Spirit points to you, as an erring and constantly as the needle to the pole.

The Latest from Sultan River.

J. T. Cotton was down during court as one of the regular panel of petit jurors, while down he called at this office, when the following additional information relative to the work now going on at the Sultan river mines was obtained from him. The party, now consisting of J. T. Cotton, M. Barrett, Robt. Barrett and Peter Henry, who has recently joined the three original prospectors there, are now at work constructing a ditch about one half a mile long, through light timber to bring water to the mines. They estimate that it will cost \$300 worth of work and take about six weeks more work to complete this ditch, so it will carry from 250 to 300 inches of water.

The water supply is elevated about 100 feet above the level of the mine.

So far, the work of the mine consisted in running a cut from the edge of the bluff, on the Sultan river bank, about 125 feet above the level of the river from its north bank towards the old river bed.

This cut is now in about 3 feet. It is about 14 feet wide on top, and not over four feet wide at the bottom. The present object of the cut is simply to get drainage from the old river bed to the present bed of Sultan river.

These prospectors have now worked there, nearly six months, are ready to work as much longer to determine the matter they are testing. They have not tried to take out any gold, only testing the evenness of its distribution to a limited extent, where the gravel is found, gold is very evenly distributed, but they cannot yet determine the thickness of the deposit of gravel in the old river bed.

This cannot be determined until after the rim is cut through, the old river channel is gained, and drainage is perfected so they can make a practical test by regular mining work. Like all enterprises of this character which take time, perseverance and some capital to develop them - there has been the first excitement, when the thoughtless and sensationist went with the rush. Then came along that venerable gentleman, "old Mr. Experiment," who knew all about such matters and oracularly pronounced their condemnation, and he knew all about it.

Notwithstanding all this, these gentlemen who are now at work there have also had their experience, and varied ones at that, before they saw Sultan river. They are satisfied with the prospect, are determined to test the matter thoroughly in a practical manner.

If successful at all, it will afford steady employment for several years for a very large number of men. Who does not desire their success.

If the importance but seeing a great influence upon a more important case, Jas. McNaught appeared for the plaintiff and Burke for the defendant. Not being crowded for time, they made this the amusing case of the term by the sharp shooting between attorneys. There were so few facts in evidence on either side to dispute, that for lack of better arguments, each indulged in a very elegant and scientific abuse of the opposite council, Burke began the attack in a furious manner.

He secured the favorable ear of the audience when he described the case as a "D-d-y V-d-y" case etc, and was repeatedly greeted with suppressed applause, which would have been loud and boisterous, were it not the listeners feared they might be compelled to contribute towards the school fund by Judge Lewis, if they resided in a too emphatic manner their appreciation of the brilliant and sarcastic hits that Burke was continuously making about his able opponent.

When he sat down, during McNaught to the contest, it was supposed he had won the field, but they counted the victory won before the contest was terminated. Me, was cooler, but fully as stinging as his opponent. Each held his temper admirably, and awakened the admiration of all by the brilliant defence, as well as the sudden and violent attack.

Seldom is exhibited a more skillful specimen of word fencing than these two able and popular attorneys showed in this wrothy battle.

Many times we have heard an enemy described as the offspring of H—, but never so scientifically described, illustrated and applied, as by McNaught, when he applied it to Burke, whom he termed the "Little Goliath," perhaps the most appropriate designation ever applied to him.

This brilliant contest was the event of the season, in which each used the bitterest invectives in so skillful a manner as to awaken surprise and admiration of all. Although the attack on McNaught appeared to be overpowering, his reply was so searching, yet in its proper place, that many, who at first awarded the victory to the "Little Goliath," were afterwards inclined to admit that Me, before he sat down, had more than held his level.

TERRITORY OF WASHINGTON.

THANKSGIVING PROCLAMATION

The President of the United States has designated Thursday, the 28th day of November, 1878, as a day of Thanksgiving and Praise to Almighty God, reciting in his proclamation, many reasons why our whole country should manifest its gratitude to Infinite Goodness, and,

WHEREAS, in an eminent degree our beloved Territory has been favored by bountiful harvests and exemption from pestilence, disease and death. The tide of immigration, greater than at any previous period of our history, has swollen our population, giving assurance of an early, brilliant future. In view of which it is meet and proper that we, as a community, should lay aside our daily occupations and consider the source from whence we derive our renewed and increasing blessings.

Now, therefore, I, Elisha P. Ferry, Governor of said Territory, do hereby appoint,

Thursday the 28th Day of November 1878.

To be observed throughout the Territory as a day of Thanksgiving and Praise to Almighty God.

And I earnestly request the people of the Territory to observe the day by abstaining from their usual occupations and attending their several places of worship to render unto our Creator thanksgiving and praise for the manifold favors bestowed upon us.

IN TESTIMONY WHEREOF, I have hereunto set my hand and caused the Great Seal of the Territory to be affixed, this 8th day of November, A. D. 1878. ELISHA P. FERRY.

By the Governor: N. H. OWINGS, Secretary of the Territory.

Official Vote of King County.

The following is the full vote of King County, cast at the general election on the 5th inst, and officially counted today. In the top of names Republicans are placed first, Democrats next, and Independents last:

Table listing candidates and their vote counts for various offices including Representatives, County Commissioners, Sheriff, and School Superintendent.

BENEFIT W. F. BROWN'S STEREOPTICON

will be exhibited at Athenaeum Hall on THURSDAY NOVEMBER 28th 1878. One scene alone "No cross no crown" is worth the price of admission. Doors open at 6.30 performance to commence at 7.30. Tickets 50cts, Children 25cts.

NOTE - All parties indebted to J. Hanson are required to appear at his place of business in this town and settle their accounts prior to Jan. 1, 1879. Dated at Snoqualmie City, W. T. Oct. 11, 1878. J. Hanson.

DO NOT FAIL to send for our Catalogue. It contains prices and descriptions of most every article in general use, and is valuable to ANY PERSON contemplating the purchase of any article for Personal, Family or Agricultural use.

SINGER SINGER SINGER

All persons desirous of purchasing a Sewing Machine, will please Note the names of prominent citizens of Snoqualmie City, owning, and using the standard machine of the world

The Singer!

Mrs. John Elwell, A. A. Blackman, W. F. Eddy, Judge Haskell, W. H. White, J. H. Hilton, H. S. Hanson, Joseph O. Webb, Simon Elwell, Allen McDougal, Capt. Stretch.

Machines sold at \$5 & \$10, per month, and liberal discount made for cash, or Secured notes taken on six months time without interest.

C. R. TALCOTT, Agent, Olympia W. H. C. HALL, "Seattle" J. P. PETERSON "Port Townsend"

Custom Made Boots and shoes.

Wholesale and Retail BY BENJ. VINCENT

Main st., Olympia, W. T.

Latest styles Boots and shoes made to order. All work warranted and satisfaction guaranteed. Also agent for the celebrated New Weed,

Family Favorite Sewing Machine. It is best;

IT IS THE MOST SIMPLE, DURABLE, PERFECT

It runs easy and quiet. Has no gears for shuttle motion, Has no springs to get out of order. The needle is set correctly without screw-driver, or tool of any kind. It can be cleaned or oiled without from the table; and the best thing of all, It has Perfect Self Adjusting Tension. Call and examine this Machine before buying elsewhere. BENJ. VINCENT.

Home Made Candles

Sold at retail at 25 c. per pound.

Four pounds of candles sent to any address on the Sound

FOR ONE DOLLAR Address, PUGET SOUND CANDY MANFY, Seattle, W. T.

E. E. YOUNG W. M. YOUNG
NEW ENGLAND HOUSE.
 YOUNG BROS. PROPRIETORS.
This House having been refitted and newly furnished is now
OPEN FOR THE RECEPTION OF VISITORS.
 A large Mac-Nal and Utson's Sale for the use of guests. Passengers and baggage carried to and from the House free of charge.
OPEN DAY AND NIGHT.
 Two commodious Sample Rooms for the use of Commercial Travelers
 OLYMPIA - - - - - W. T.
 n 135 H

L. A. TRENIN,
 Manufacturer, Wholesale and Retail Dealer in
BOOTS AND SHOES,
 MAIN STREET OLYMPIA. COMMERCIAL STREET, SEATTLE
 Rip, Fall and Street Boots and shoes of all make constantly on hand and for sale in quantities to suit. *English style riding workmen and the latest improved machinery, he is enabled to furnish the best work for the use of single pairs at the lowest living prices. The best and most durable work done in any style. All orders for English and French, Italian, and other styles of boots, shoes, and rubbers, made to order. Orders solicited and goods sent to any place by Steamboat, Express or Mail.*
 n 135 H

NEW ENGLAND HOTEL
 Cor. Commercial and Main St
 SEATTLE W. T.
BOARD AND LODGING per day \$1.00 to \$2.00, per week from \$6.00 to \$8.00 according to room.
FREE COACH TO AND FROM THE HOUSE.
THIS HOUSE is conducted on first class principles, every attention will be paid to its patrons, and nothing will be left undone to preserve its reputation of being
The Best House in Seattle.
 Is NEWLY built and HARD FINISHED and has the cleanest and best furnished rooms of any house in the city
 L. C. HARMON, Proprietor.
 n 132 H

APPROVED SOLDIER'S ADDITIONAL HOMESTEADS can be located upon any lands, either single or double minimum lands, subject to homestead whether timbered or not, and having the only first class paper in the county, have made arrangements with the following gentlemen in Western Washington:
 A. Mackintosh, Seattle.
 John S. Wheat, Olympia.
 G. Morris Haller, Port Townsend.
 Henry Jackson, Snohomish City.
 Who will have on hand, at all times, my scrip for the accommodation of all desiring to purchase, at the rate of \$3.25 per acre for 80s and 120s, and \$3.75 per acre for 40s; fractions special. Another fraudulent class of scrip known as "floats" can be gotten at much less rates; but no title can be given, and is, of course, not so valuable. A deed can be gotten from the original applicant of any land located by scrip purchased of me, as I in no case buy from other than the original homesteader, and know where to address him for a deed if one be required. Full investigation is asked that the worth of my paper may be known. Call upon or write to any of the gentlemen named above, who will sell you the Talbot additional homestead scrip which will insure you a patent to your land as well as a perfect title, and also as cheap as you can buy it of me.
D. H. TALBOT,
 Gen'l Land-scrip and Warrant Broker,
 Sioux City Iowa.
 n 140 H

BOYD, PONCIN & YOUNG.
 THE ARCADE,
 This space is reserved for
 Dry Goods and Clothing Merchants,
 SEATTLE - - - - - W. T.



River Side Hotel.
 This old and popular resort is again open for the accommodation of the public.
ANDREW O'CONNOR
 is in charge as **Sole Proprietor.**
— Terms Reasonable. —
 Nothing will be left undone to merit the public patronage.
ANDREW O'CONNOR,
 Snohomish City W. T. Oct. 26th 1878.
 n 134 H

COSMOPOLITAN SALOON
 Snohomish City, Wash. Ter
 The bar supplied with first-class
WINES,
LIQUORS,
& CIGARS
W. J. STEVENS,
 Proprietor
 n 142

Eagle Brewery
MUKILTEO WASH. TERR.
 The BEST BEER in the TERRITORY.
 TRY IT TRY IT TRY IT
Boehne Cantieni & Co.
 PROPRIETORS.
 HERM. KLAUFMAS.
 GEO. CANTIENI.
 THEO. H. BOEHME.
 n 139 H

LAND CLAIMS!
H. A. GREGORY, CLERK OF THE
 District Court of Snohomish county, w. t., will pay particular attention to filing Homestead and Pre-emption claims; making final proof on homesteads and final affidavits for pre-emptors, etc. Will pay taxes for non-residents and correspond with parties desiring information in regard to lands, etc. Parties having land business will please call on Tuesdays or Saturdays, when the papers will be forwarded to the land office by return mail.
Wm. H. WARD,
BLACKSMITH.
 One Door West of Snohomish Exchange.
 SNOHOMISH CITY, W. T.
 All orders received at this shop will be attended to with neatness and dispatch.
FARMERS WILL BEAR IN MIND THAT
IN ORDER TO GET ONE OF THE
Improved horse Hay Forks
 They must leave their orders in time
All tools used in Logging
 Camps made to order, and
 as cheap as can be
 got on the
 Sound.
 n 141

Boats! | | Boats!
BOATS of all kinds, large and small built to order at the lowest living rates by,
JOHN YARNO
BOAT BUILDER, SEATTLE W. T.
 SHOP, FOOT OF SECOND STREET near Seattle and Walla Walla R. R. depot,
 None but the best material used and **SATISFACTION GUARANTEED.**
 n 132 H

MARYLAND HOUSE,
 La Connor. - - W. T.
NO PAINS WILL BE SPARED IN keeping up the reputation of this house as one of the quietest and best kept hotels in the Territory.
NO LIQUOR SOLD!
 Everything neat and clean about the premises
GOOD BILLIARD TABLE
 Kept for the convenience of patrons of the house. Special efforts will be made to keep the table supplied with the best the market affords, and to see that the food is cooked and served second to no other house in the Territory.
John McGinn,
 Proprietor.
 n 131 H

Look!!
Fresh Meats
 AND
GROCERIES
GEO. C. ENGLAND,
 Has Just Received and Opened a New and
COMPLETE STOCK OF
FRESH and SALTED MEATS,
CANNED FRUITS,
FLOUR, HAMS,
BACON, ETC., ETC.
 Store, Nearly Opposite Doug Store.
 n 140 H

FOR SALE!!!
Diamond Wheat
 BY
G. T. SONNISON,
 PARK PLACE, SNOHOMISH COUNTY W. T.
 There is nothing like this celebrated grain in America. It will yield a third more to the acre than any other grain grown on the same kind of soil, with similar treatment. It grows like rye, hence is frequently called
MAMMOTH RYE.
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