

ful vitality. George A. Piersol, profes-sor of anatomy at the University of Penn-**DISCUSS FARM METHODS**

sylvania, says: "Human spermatozoa, mounted under cover-glasses and protected from evaporation, have been observed by the author to exhibit distinct vibratile

motion after a lapse of over nine days.

Cells capable of such tenaciou

FARMERS GET TOGETHER AT SPRINGWATER FOR FIRST TIME.

Dr. James L. Kent and Others Deliver Addresses

SPRINGWATER, Or., March 29.-The BPRINGWATER, Or., March 28.-The first farmers' institute ever held in this vicinity was in session here yesterday and the day before. The meeting was held in the commodious new Grange Hall, un-der the auspices of the Oregon Agricultu-ral College and Springwater Grange. Ed-win Bates, master of the Grange, acted as chairman of the meeting. A. Lacey welcomed the visitors in a very appropriate speech, saying in part:

very appropriate speech, saying in part: "The hardy pioneers who drove their tired ox teams isto this vicinity more than 50 years ago, and so bravely battled with danger, toil and privation, have made wonderful atrides in developing the coun-try and are entitled to great credit. But try, and are entitled to great credit. But the methods of 50, or even 25, years ago cannot be successfully applied at the present time. The soil was then new and productive, but crop after crop in suc-cession has taken from it the necessary properties for growing them, until at the present time those who try to follow the old style are merely making a living, while old style are merely making a living, while year by year their buildings and fences are rotting away, and it seems a difficult matter to replace them. Under these changed conditions it is quite fitting that we should meet for a discussion of prob-lems pertaining to the farm, the orchard and the dairy."

Dr. Withycombe's Response.

Dr. James Withycombe responded on behalf of the agricultural college, calling attention to the age and importance of the agricultural industry. He held that, aside from the work of the mechanic in the development of agricultural machinery there exists little improvement in farm methods over those of the old Romans. The purpose of an institute was outlined and the desire expressed that all would take an active part in the work of the meeting.

Rev. Julian Hatch delivered a very able address on the topic, "Who Should Vote, and for Whom, When and Where." The speaker held that in state and National matters a voter should support his party nominee, but in local politics, where the candidates are usually known to the voter, he should support the man rather than the party. He held it to be the duty of the voter to be always in attendance at primaries, which would keep bossism in check.

Poultry on the Farm. Mrs. S. E. Bates discussed "Poultry on the Farm." saying in part: "One hen's egg amounts to but little, yet, taken in the aggregate, the product of the poultry yards of the United States rival in value the value of the wheat fields. Of all stock on a farm, I think the hens get the least care, and pay the largest profit on the money invested. At this season of the year the raising of broilers is very profitable. Chicks 10 to 12 weeks old sell very readily during April and the early part of May. "In setting hens in cold weather I like about three-fourths full of hay or straw. I place two or three leas under the hens Poultry on the Farm.

I place two or three less under the hens than I would in May, and if the nest is in a warm place, there will be no trouble in getting the eggs to hatch well. This year I had a hen setting during the Jan-uary blizzard, and she hatched out all her eggs except one.

Methods of Sheepraising.

John Stormer discussed "Sheepraising," part as follows: "I believe that on every farm a small band of sheep can be profit-ably kept. It is a pretty well-known fact ably kept. It is a pretty well-known fact that the long-wool or mution breeds do not thrive in large bands; hence they are particularly adapted to the needs of the small farmer. I believe in a sort of gen-eral-purpose sheep; that is, one which will shear a good fleece and produce a fair

"For this purpose my personal prefer-ence is for the Shropshires. Some say it will never do to keep sheep as scaventime. At the beginning of the year 1900 I sold wool and mutton to the value of \$55. used two animals for family meat, and at the end of the year had the same number I had at the beginning. James Kitching stated that one year he had at the beginning 30 head of sheep. He kept enough of the increase to make 45 in the band at the end of the year, and sold in wool and sheep for mutton to the value or \$146. The question was raised whether sheep should be sheltered from the Winter rains. On this point, Dr. Withycombe said: "Do not shelter the long-wool breeds. Nature has provided them with a natural rain coat, and they are better off without shelter. If confined in sheds the wool be-comes cotted, and its quality is thus impaired. Besides, the health of the ani-mais will suffer. But the fine-wool breeds of the merino type need Winter shelter, Their wool grows in such a manner that rain will song into it, in which case the quality of the fleece will be greatly injured, and the health of the animals impaired as well."



CLOSED Monday and Tuesday.

To enable us to transfer our stock from the old stand on Third street to our temporary quarters at the corner of Fifth and Yamhill streets, we will be obliged to suspend business for the first two days of this week. But having secured sufficient extra help so as to enable us to be ready for business again by Wednesday, we hope to then greet our customers with some of the greatest values that we have been able to secure for a long time. Realizing that we are temporarily out of the main line of business traffic, we have decided to almost give away some special lines regardless of cost or profit, so as to induce our friends and patrons to come and renew their acquaintance with us, at our new location, on Yamhill street, two blocks West of old stand.

Note the address --- FIFTH AND YAMHILL STREETS **Opposite** the Postoffice.

P. S. ... Watch for our ad. on Tuesday for the "Specials"

ually to prevent dripping. A pretty high heat at the finish seems to produce a more glossy appearance, which is much

THE PORTLAND.

row is the proper cultivator, and the cul. tivation should be continued well into the dry season to conserve moisture. In drying a good dryhouse is of course cesential. Use an abundance of water in the dipping tanks to thoroughly clean the fruit. Be careful not to overheat in the scalding or the color of the dried product will suffer. Heat up the green fruit grad-ually to prevent dripping. A pretty high C. W. Knowles, Manager. Andrew Lincoin, Wash S E Harris, Seattle O F Watson, Iowa W Szeelin, S F W Henderson, Chro W W Baker, W W Mrs G Van Ginkle, Des Moines Jos Mollin, dbion W F Baker, Spokane W F Baker, Spokane W F Baker, Spokane W T Villard, N Y O W Dunn, S F H Albert, Salem L Porter, Or City Albert Tanner, Salem M Schemann, Salem K Strategie C. W. Knowles, Manager. Mather Jos Mather Marker, W W Mrs G Van Ginkle, Des Moines Graham Gass, J., city H Albert, Salem L Porter, Or City Albert Tanner, Salem M Solow M Stelwer, Fossil M Steler, Salem M Steler, Solow M Stelwer, Fossil M Steler, Salem M Steler, Solow M Stelwer, Solow M Stelwer, M Steler, Solow M Stelwer, Solow M Stelwer, Jones, Wieel-er County B M Dorresly, do

500 at one time looked upon the risen Lord, and when its history was written by the converted Paul, many of them

edge, but on closer examination I find physical characteristics of each, which are myself at a loss to know when this mo-mentous instant occurs. This makes necesinherited in the offspring. Soon after the fusion of the two cells still lived to witness to its accuracy. Can they make away with the value of this most authentic of all histories where so many witnesses, in different circum-stancés, bear testimony to the truth of this molecular testimony to the truth of the manifestration of Chetter alignetic testing de-the manifestration of Chetter alignetic testing de-bases of the two cells sary a discussion of certain processes of has taken place a very intricate process begins, the general details of which have only been known during the last few years. by which the egg now divides into charge of indelicacy. But first it may be well to refer briefly to what is called the cell doctrine, and scription of the complicated process emits effect upon our previous knowiedge of ployed in this division is given by Profession in the complicated process ear-living things. It is now established that sor Conn, in his work above referred to. Each of these two new cells again di-the body of any higher animal, including wide, making four new cells; these four mer, and keep in good order at the same mark and cells and the complicated process ear-matter were no returns for wood and the complicated process ear-mutton. I know of no other animal that division is given by Profes-tor Conn, in his work above referred to. man, is but a collection of minute living particles, called cells, and the substance vide, making four new cells; these four again divided into eight, the eight into 16, which the cells produce. These cells can and so on until there is a solid mass of I had a band of 14 ewes. During the year feed, grow and reproduce their kind. They division from the original fertilized egg. also possess what is called the property of irritability, or sensation. They are the units of life activity. They are more or less independent of each other; different cells, or communities of cells, have ont layers; have taken different shapes and characteristics, and finally arrange total of their activities results in the themselves in the order in which they activities exhibited by the organism as a whole. It was during the latter half of the century just closed that the cell docpresent the completely formed infant at birth. Turning now to the information which we have received from Father Schmitt, we notice that it is at "the instant of contrine began to be understood, and its effect upon the study of life was marvelception" that the soul is created. ous. A wonderful flood of light was But thrown upon the science of biology, and it changed the whole aspect of previous when was conception? Was it when the two cells first came in contact, or was it before? Was it when the sperm cell knowledge. commenced to bury itself in the other, or was it when they had melted into one? The best illustration that I have seen of watch it as well as you know hew." And even as then, after closing up, with an immense stone, the sepulchre hewn in the solid rock, and scaling it with the seal of the priests and pincing a guard of is, in part, as follows: Imagine for a mobe a time when there would be no soul, Roman warriors to ward on the dreaded attack of the few poor disciples who had fied like sheep the night before, their only subterfuge, when the terrified soldiers announced to them the circum-ficiently powerful to discover moderately being only a few days at the most, but not be set in the earth, but not small the moon and trying to study the phe-ist, and the change from the non-existlarge objects on the earth, but not small ones. He would see cities in various parts of the world with wide differences in ap-is created is still uncertain. Our informnone but the valuest fiction can be as-seried, in the face of historical light, to persuade the world against accepting this message of salvation. This message of salvation. ing and old ones increasing in size, and we, vagueness of the information, since it may imagine him speculating as to their method of origin and the reasons why they adopt this and that shape. But in | any, spite of his most acute observations and his ingenious speculation, he could_never understand the real significance of the alties, since he is not acquainted with the secual living unit. Imagine, now, if you will living unit. Imagine, now, if you ever before in the world's history, and the insidious attacks of its enemies only serve to open men's eyes to its merits, and lead them to examine and be convinced of its unanswered and unanswerable of its unanswered and unanswerable to the more minute objects and thus discovers human beings. What a complete revolu-tion this would make in his knowledge of the more mistaken about the shape of the affairs on the earth. We can imagine how rapidly discovery would follow discovery; how it would be found that it was the were mistaken about the shape of the carth, the movement of the sun and plan-ets and many other facts in nature, and human beings that build the houses, con-struct and run the railroads, and control it is impossible, for me at least, to escape from the suspicion that their speculations concerning the creation of the soul may the growth of the cliles, according to their fancy; and, lastly, how it would be learned that it is the human being alone be just as visionary and contrary to the fact as were their assertions of the fint-ness and stability of the earth. H. K. SARGENT. that grows and multiplies and that all else is the result of his activities. Such an observer would find himself entering into a new era. in which his previous knowl-

edge would sink into oblivion. Something of the same sort of revolution was inaug-urated in the study of living things by the

Now the descendants of the higher ani-

mals and man result from the union of two cells, one coming from each parent.

SERMON FOR EASTER MORN

BY MOST REV. ALEXANDER CHRISTIE,

tion of Christ's divinity? And what will they again answer to the testimony of Josephus, the historian of the unfortunate Hebrew race: "He (Jesus, who was Christ) appeared to them again the third day, living, according to along with innumerable other miracles, divinely-inspired prophets had foretold of him" Surely "If Christ be not risen again.

then is our preaching vain, and our faith is also vain," and that is why the ene-mies of God and true reason seek to throw doubt around it by false assump-tion and unfounded theory. And that is why we must stand firmly entrenched behind the unassailable documents of history, as the hereditary witnesses of saving truth. The world is the indifferent judge, even as Pllate was when they appealed to him, saying, "We re-member that this deceiver said while still living. 'After three days I shall rise again.' order, therefore, that the sepulchre be guarded.'" and with him it answers. "You have your guard; go watch it as we'll as you know hew."

of the priests and placing a guard of Roman warriors to ward off the dreaded them into snying that the body was stolen from them while they slept; so now, none but the valuest fiction can be this message of salvation.

But the world does not sleep, any more han Roman soldiers did, and neither will it accept the testimony of sleeping witnesses. The light of God's truth and the facts of God's revelation to this created image are flooding the hearts and minds of men more today, than ever before in the world's history, and the

creatures may be brought to examine and profit by this greatest manifestation of his boundless love for them, and that the enomies of his truth may have the veil removed from their blinded intel-lects and their hearts softened to hear his message, is our heartfelt prayer this glorious Easter mornin

ALEXANDER CHRISTIE, D. D.

THE HUMAN SOUL.

Is It Created at the Moment of Conception, and When is That?

discoveries, starting in the fourth decade of the century by disclosing the unity of activity, changed the aspect of biological science. ("The Living Machine," pp. 59 and 60.) PORTLAND, March 27.-(To the Editor. We are told by the Rev. Father Ignatius Schmitt, in his interesting letter in The Sunday Oregonian of the 26 inst., that "the humhn soul is created at the instant of conception." It is the object of this communication, limited by space and the ability of the writer, to consider the value ability of the writer, to consider the value of the information and the credit to which it is entitled. In the higher apes and man the cell from the female is about 1-125th of an inch in diameter. It is called the egg or ovum,

reverend gentleman evidently con- and has all the characteristics of a comsiders the soul to be an immaterial some thing distinct from and independent of matter. We may well avoid the useless ing movement called the amoeboid movement. The cell from the male is many hundred times smaller than the ovum, but and tiresome metaphysical speculations as to the nature of the soul by assuming, hundred times smaller than the own, but for the purpose of this discussion, that is also a complete cell. It is called the the soul is an immaterial something which is brought into existence and thereafter continues to exist throughout all eternity, several thousand times smaller. With continues to exist throughout all eternity, the greater part indeed, almost its entire existence being as "a disembodied soul." While I must confess my utter inability

Barker's report to the Navy Department, touching the amount of sickness aboard the battle-ship Illinois, which is to be Admiral Crowinshield's flagship, says there are only 17 cases of filness among

the 600 men aboard ship, a very normal percentage, and most of these cases are the grip

Explosion in Utah Mine.

SALT LAKE, March 30 .- A telephone message from Eureka. Utah, this morn-ing states that an explosion has occurred at the Yankee Consolidated mine, in-juring eight miners, four of them being reported seriously hurt. The mine is located five mlies from Eureka and further particulars are unobtainable at this ho

A SMALL BLAZE.

If it is at the end of a La Sinceridad it is productive of solid comfort and

Grasses and Forage Crops.

Dr. James Whithycombe discussed "Grasses and Forage Crops" in part as follows: "I don't believe any of our lands which are cultivatable are well adapted to permanent pasture. Some of the low lands which are in a measure subirrigated and remain damp all Summer may make permanent pasture, also the hills which are too steep for culti-vation. Of the forage crops, clover is easily at the head, and I see that you understand its growth pretty well in this vicinity.

"The yetch is a very valuable crop. and as a rule is more easily grown than clover. Peas are also valuable, particularly the variety known as the Canadian field pea. In some sections I am satis-fied that alfalfa can be successfully grown. Prepare the land by applying about 10 loads of manure per acre, and then plowing in the Fall. The next Spring work down thoroughly to secure a fine seed bed, and sow during the latter part of April, about 15 pounds of seed per acre, with 50 to 60 pounds of land plaster.

"In regard to grasses, bromus inermis, which is a very valuable grass for the semi-arid sections of Eastern Oregon and Washington, is practically valueless for the Willamette Valley. On some of the hills it might thrive, but on the low lands it is practically valueless. Orchard grass and English rye grass are recommended for hill pastures. Meadow fescue and red top are also valuable, par-ticularly for low lands. Mesquite, or velvet grass, should be classed as a weed, rather than as a valuable grass or age plant."

Growing and Drying Prunes.

Edwin Bates discussed "Growing and Drying Prunes," in part as follows: "It is essential to have a well-drained soil, preferably on a northwest slope. On such a slope the buds are slower in starting, hence there is less danger of injury from Spring frosts. Secure trees with large root development, and plant them 20 feet apart each way. Place the roots in their original position, as nearly as possible, and cut the tree back to a height of 34 to 36 inches. So prune the tree during their early years of growth that it will not be necessary to remove more than a very few limbs, if any, after the trees come into bearing. In cultivating I never use a plow, for it will cut off the surface feeding roots and retards the growth of both tree and fruit. The spring-tooth har-

recitations of Mr. and Mrs. Miller, of Highland.

Mrs. McKinley's Pension.

WASHINGTON, Murch 23 .- Chairman Sulloway, of the House committee on invalid pensions, is preparing a report on the bill granting a pension of \$5000 an-nually to the widow of President McKinley, and will present it probably next week. The bill has been before a subcommittee for some time, and has now by common consent and without division been favorably reported by the full committee.

Plague and Cholera in China.

WASHINGTON, March 29 .- The Marine Hospital Service has been advised of the ceipt by the State Department of the following dispatch from Consul McQuade, at Canton, Chins, dated today:

"Twenty deaths from plague at Tsang Shing; sporadic cholera at Shecking and iu; cholera at Canton almost dia-Tungm appeared.

For Separate Consular Service

CHRISTIANIA, Norway, March 29 .- The Swedish-Norwegian committee appointed to consider the abolition of the joint consular system of the two coun-tries has decided in favor of a separate consular service, thus removing the prin-cipal cause of friction between Norway and Sweden.

Relief Funds for Boers

INDIANAPOLIS, March 29,-Herman Liber, president of the North American Furnerbund, said ionight that the bund

A Burch, Kellog, Idaal A A Paimer, Spokane F D Linn, Spokane A J Roberts, Spokane T Whitehead, London C F Huntling, Iowa Mrs A W Frenhohn Jack L Caswell, Chgo

hills deep plowing, such as practiced on the soil is not so deep and it will not be advisable to turn so much subsoll on top at one time. My plan is to plow about the seven inches deep and sub-soll about the seven inches deep and sub-soll about the seven inches deep and sub-soll about the same depth. By this means I get a gain of about 10 bushels of wheat per acre.
'Now a word about grasses. When I came to Clnckamas County I found practically a word about grasses. When I ind that orchard grass, English rye grass, alske and white clover all do well in a mixture for pastures. Also that a mix copland, city J R Usit Constant. Mont A H Boyland, Portid A Butter, S P is the sessions. An abundance of music, recitations and other literary exercises was furnished by local talent. Particular mention should be made of the songs and recitations of Mr. and Mrs. Miller, of
was furnished by local talent. Particular mention should be made of the songs and recitations of Mr. and Mrs. Miller, of
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depot.

heat at the minish seems to produce a more giossy appearance, which is much to be desired."
Mr. A. Lacey, in the discussion which followed, said: "To get a fine gioss on the discussion at the monte of the direr when they are about half dried, allow them to be come ool, then return to the direr when they are about half dried, allow them to be seem to the direr when they are about half dried, allow them to be statisticated the varoan direction of the direr when they are about half dried, allow them to be statisticated the varoan direction of the didense direction of the direction of the directio W I Reed, Oaxi and Eurit Pierce, Scappsone THE ST. CHARLES. Chas Walker, Wie St J Dupont, Valley Frank Gates do J B Yeon, Halnler M McCroskey Albany J H McCohlin, do M McCroskey Albany J H McCohlin, do Mrs A Boaton, W W C Climstead, Cathlamet J Ohn Wicks, Kalama W Chilvers, Or Cliy H Tellinn, Stevenson A L Hazleton, Creswill A D Doyle, Salem L A Hopf, Woedland Chas Hinman, Butter F A Kinney, Astoria B M Watty, Tilland, Miss Watty, Co Emma Hiett, do D H Davenport, do L A Hore, Cathlamet Miss Watty, Cathlander D H Davenport, do L A Hore, Cathlamet Miss Watty, Cathlander P D Newell, Nehalem B J Raffety, Mountain W Jewett, Cathlamet Thos Cully, do J B Freenall, Kalama W M Christie, do M Densit, Saler H Sti, Forest Grov A Brizkenfeld, do W Jewett, Cathlamet Thos Cully, do J B Coon & fam, Mont M Densite, do

Hotel Brunswick, Seattle.

European plan. Popular rates. Modern mprovements. Business center. Near

Tacoma Hotel, Tacoma. American plan. Rates, \$3 and up.

Dennelly Hotel, Tacoma. European plan. Rates 50c and up.

Scrofula I bequeath to my children Scrofula with all its attendant horrors, humiliation and suffering. This is a strange legacy to leave to posterity; a heavy burden to place upon the shoulders of the young. This treacherous disease dwarfs the body and hinders

growth and development of the faculties, and the the child born of blood poison, or scrofula-tainted parentage, is poorly equipped for life's duties.

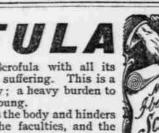
Scrofula is a disease with numerous and -varied symptoms; enlarged glands or tumors about the neck and armpits, catarrh of the head, weak eyes and dreadful skin eruptions upon different parts of the body show the

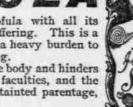
presence of tubercular or scrofulous matter in the blood. This dangerous and stealthy disease entrenches itself securely in the system and attacks the bones and tissues, destroys the red corpuscles of the blood, resulting in white swelling, a pallid, waxy appearance of the skin, loss of strength and a gradual wasting away of the body.

S. S. S. combines both purifying and tonic properties, and is guaranteed entirely vegetable, making it the ideal remedy in **G G** all scrofulous affections. It purifies the deteriorated blood, makes it rich and strong and a complete and 9 blood, makes it rich and strong and a complete and 0 2 permanent cure is soon effected. S. S. S. improves the digestion and assimilation of food, restores the lost properties to the blood and quickens the circulation, bringing a healthy color to the skin and vigor to the weak and emaciated body.

Write us about your case and our physicians will cheerfully advise and help you in every possible way to regain your health. Book on blood and skin diseases free. THE SWIFT SPECIFIC CO., Atlanta, Ga







Sickness on the Illinois WASHINGTON, March 29-Admiral