#### SCIENTIFIC MISCELLANY.

#### STELLAR PARALLAX.

In determining the distances of stars, angular measurements are the parallax being the apparent change of position which results from shifting the point of viewabout 183,000,000 miles, the diameter of the earth's orbit. Even with this immense base-line, the direction in which the stars are seen is scarcely altered. The parallax of DEMOCRATIC STATE CONVENTION. about a dozen stars, varying between 0.919 seconds and 0.046 seconds has now been determined. The nearest star to us is Alpha Centauri, distant about 20,496,000, 000 miles. The average distance for the purpose of nominating a 26 et of first magnitude stars is probably several times as great as this.

Ten species of North American birds are named by Mrs. E. M. Hasbrouck as missing. Of these, two—the great auk and the Labrador, duck—are believed to have become extinct, while the following eight, through scarcity or diminutiveness, were "lost" with the taking of the first specimens, and are now being eagerly sought: The carbonated warbler, blue mountain for each county and one for every and one for every sould be remarked to ratify the various distributions, and such other business as may properly come be business, and answer for entitle and answer the convention.

Said convention will be composed of 155 delegates, apportioned to the various counties on the vote cast thereof the plaintiff will apply to the court for a decree dissolving the bonds of matrimony various counties on the vote cast for candidate to congress at the election of 1886, being one delegate point? Force, make defendant.

To Jank Force, pedendant.)

To Jank Force, paid defendant:

Is the name of the staked of Oregon, you are business as may properly come be business, and answer for want thereof the first day of the next regular tierm of this court, which is Mondey, March 26, 1888, and if you tail to answer, for want thereof the plaintiff will apply to the court for a decree dissolving the bonds of matrimony various counties on the vote cast the care and custody of Cleo Force and Verna defendant:

In the name of the staked of Defendant:

In the name of the staked of Jank Force, paid against you in the above enuitied seit on or before the first day of the next regular tierm of this court, which is Mondey, March 26, 1888, and if you tail to answer, for want thereof the plaintiff will apply to the court for a decree dissolving the bonds of matrimony various counties on the vote cast thereof the plaintiff will apply to the count for a decree diss Hasbrouck as missing. Of these, Cuvier's kinglet, Townsend's bunt- 200 and fraction over 100 votes so warbler, small headed warbler, ing, Brewster's linnet, Bachman's cast. In accordance with said apporwarbler, and the Cincinnati warb-

It has long been known that carbonic acid gas produces a sensation of greater warmth on the skin than air of the same temperature. Dr. Goldschneider, of the Berlin physiological society, finds the phenomenon to be chiefly due to direct chemical action on the endings of the heat nerves.

A prize of 25,000 francs, jnstituted by the king of the Belgians, is to be awarded in 1893 for the best paper on means for abundantly and cheaply providing large towns, especially Brussels, with the best quality of potable water.

Australia has some giant caterpillars. Mr. A. S. Olliff, of Sydney, mentions one moth larva, abundant during the past season, as being seven inches, long, and specimens of larvæ of two other species measure eight inches in

ELECTRIC POWER FROM COAL.

The direct conversion of heat into electric work is a problem that continues to tax the ingenuity of electricians. What seems to be the most promising attempt at solution yet made is a new thermo-magnetic begins 1888 wit cent pyro-magnetic dynamo or not ison, it depends upon the fact that the growing interest in agriculture largely bro's about through its teachings, and continues to a second through its teaching through its te sary alternations of heating and Price, a Year, \$1.50 cooling are given automatically, and that the cores of the armature coils are relieved from changes of temperature.

Experiments have been made in transplanting the beautiful Alpine edelweiss into the mountains of Bohemia and other places. In its new homes the plant seems to be changing its character, and in the mountains of upper Austria it has become transformed into a new species, bearing red flowers instead the companion of the propose. From \$1 % cach, both forwarded in the species, bearing red flowers instead. species, bearing red flowers instead of the beautiful ermine-like white

A kind of artificial rabies has been produced in rabbits and birds by injections of oil of tansy. This malady was overcome by treatment with chloral, and the experimenter, Dr. Brown Sequard, reasons from analogy that suitable administra-tions of this drug would prevent true rabies in man.

The mean height of the land above sea-level, according to Mr. John Murray, is 2,250 feet; and the mean depth of the ocean is 12,480 feet. Only two per cent. of the sea is included inside a depth of 500 fathoms, while seventy-seven per cent. lies between 500 and 3,000 fathoms. If the land were filled inmade at intervals of six months, to the hollows, the sea would roll over the earth's crust to a uniform depth of two miles.

> been found by Mr. F. A. Sundell, of the Scientific society of Finland.

A democratic state convention for the state of Oregon is hereby called to meet at Pendleton, Umatilla county, on Tuesday, April 3, 1888, [W. G. W. T. BURNEY]. W. T. BURNEY. W. T. BURNEY. A democratic state convention for candidate for member of congress, a candidate for judge of the supreme court, six delegates to the national democratic convention, and six al- S. C. Fosce, Plaintiff, ternates; to ratify the various dis- JANE FORCE, Defendant.)

for each county and one for every will be entitled to the following re-

presentation:	
Baker	. 5 Linn
Benton	
Clackamas	
Clatsop	5 Morrow.
Columbia	3 Multnomah
Coos	4 Polk
Crook	
Curry	
Douglas	6 Union
Gilliam	3 Wasco
Grant	5 Washington
Jackson	
Josephine	3 Yambill
Klamath	. 3 -
Lake	. 2 Total
Lane	

state convention, unless otherwise of \$56.75 with interest thereon from October \$25.1885, and ten per cent. per annom; and 50 for the sum of \$19.75 with interest thereon from November 4th, 1885, and ten per cent. per annomittee, be held on Saturday, March num; and for the sum of \$25 attorney's fees, and the costs and disbursements of this action, and an order of sale of the real and personal property attached in sale cause.

Chairman Democratic State Central Committee.

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Menges, of the Hague Like, the recent pyro-magnetic dynamo of Edof years with the vice largest keeps pace. The American Agriculturist keeps pace

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avid W. Judd, Pres., 751 Brendway, N. Y.

#### Notice of Final Settlement.

Notice is hereby given that the undersigned terriett Cox, has filed ber final account is the state of Daniel Cox, deceased, and the time tr learning the same has been set for the 6th sestate of Daniel Cox, deceased, for hearing the same has been set for the 6th for hearing the same has been set for the 6th fax of March, 1888, the same being the next regular term of the county court of said county at which time the heirs and next of kin of said accessed; and all persons interested in said estate are notified and required to appear and file their objections to said second and to set forth their reasons why the same should not be altheir reasons which is the same should not be altheir reasons w

#### Notice for Publication.

depth of two miles.

Considerable differences in the standard barometers of the principal European observatories have been found by Mr. F. A. Sundell, of county judge or county cierk. of March 17, 1888, vir

Frank N. Elliett, Homestead entry No. 6,301 for the w j. se nd se j of se f and ne j of sw j sec 22, t 1 s.

Oregon.

#### Summons.

in the circuit court of the state of Oregon for

block 17, at the town of McMinnville, county, Oregon, thence east 21; feet, north feet, west 21; seet, south 100 feet to place beginning, and for such further relief as shall

bage of said court, made at chambers, Jauna: 0.1885 FENTON & FENTON. 26 64 Attorneys for Plaintiff.

#### Summons.

In the circuit court o the state of Oregon for J.ES W. BEIEDWELL, Plaintiff.

GRORGE M. BRELEN, Defendant.

To George M. Beeler, defendant above

In the tiame of the state of Oregon you are Jackson 7 Wallowa 2
Josephine 3 Yamhill 6
Klamath 3
Lake 2 Total 155
Lake 6 Total 155
The committee respectfully recommends that the county conventions for the election of delegrates to the six at the election of delegrates to the six at the representation of the election of delegrates to the six at the representation of the election of delegrates to the six at the representation of the election of delegrates to the six at the representation of the election of delegrates to the six at the representation of the sum of \$50, with interest thereou. From May \$4, 100 the election of the sum of \$50, with interest thereou. for the election of delegates to the 1883, at ten per cent per annum; for the rum of \$56.75 with interest thereon from October

Brise, judge of said court, made at chembers

Att-eners for Plaintiff

Advertise In The Oregon Register!

Rates are Reasonable.

#### Notice of Final Settlement.

Notice is hereby given that the undersigned B. Layson, administrator of the estate of Wil-us Gibson, decased, has filed his final ac-punt of his administration of said estate in the count of his administration of said estate in the county court of Yambill county. Oregon, and said court has fixed Tuesday. March 672, 1883, at the hour of one o'clock in the afternoon of said day at the county court room at Lafayette, Oregon, as the time and place for hearing the

Therefore all persons interested in said estate, are hereby notified and required to appear at said time and place and show cause if any here be why said estate be not finally settled. Dated this 20th day of January, 1888.

Administrator of said Estate.

Administrator of said E PENTON & FENTON, Attorneys for Estate.

#### Notice of Final Settlement.

Notice is hereby given that the undersigned J. T. Fouts, administrator of the estate of Oliver Futs, deceased, has filed his final account of his administration of said estate in the county court of Yamhill county, Oregon, and said court has fixed Tuesday, March 6th, 1888, at the hour of one o'clock in the afternoon of the sides, at the county court room at Lafavof said day, at the county court room at Lafay ette. Oregon, as the time and place for hearing

Therefore all persons interested in said es the are hereby notified and required to appear to said time and place and show cause if any here be why said estate be not finally settled. Dated January 27th, 1888.

J. T. FOUTS,

Administrator of said Estate,

France & France.

FENTON & FENTON, Attorneys for Estate.

#### Notice for Publication.

Land Office at Orrow Crrv.)

Oregon, Jan. 17th. 1888. 
Notice is hereby given that the followingnamed settler has filed notice of his intention to
make final proof in support of his claim, and
that said proof will be made before the county
judge or clerk of Yamh II county. Oregon, at
Lafayette, Oregon, on Wednesday, March 14th.
1888. 712.

1, 0. Hanchett, Homestead Entry No. 5637.

For the s \(\frac{1}{2}\), n e \(\frac{1}{2}\) and the s e \(\frac{1}{2}\) of e w \(\frac{1}{2}\), sec 25, t5 s, r 9 w.

He names the following witnesses to prove his continuous residence upon, and cultivation

seic land, viz: Fuqua, Amos Fuqua, Francis Mercier and rt Mulligan, all of Lafayette, Yambili

W. T. BURNEY. Register.

Caveats, and Trade Marks obtained, and all Patent business conducted for Moderate Fees.
Our office is opposite U. S. Patent office. We have no sub-agencies, all business direct, hence can transact catent business in legs time and at Less Cost than those remote from Washington. Send model, drawing or nhote, with description We advise is patentalle or not, free of charge Our fee not due tid patent is secured. A book, 'How to Obtain Patenta,' with references to actual clients in your State, county. ferences to actual clients in your State, count or town, sent free. Address 14-

C. A. SNOW & CO. Opposite Patent Office, Wdshington, D. C.

### Gauge System.

Oregonian Railway, L'd, Line.

### Portland & Wilamette Valley R'y notice.

Until further notice trains will arrive and depart from Lafayette as follows, to and from Portland.

MAIL. LEAVE LEAVE For further information apply to the Com pany's Agent at Lafayette, or address General office, corner First & Pine Sts., Portland Ogn,

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FRANK O'CONNOR

In the circuit court of the state W. T. Booth and Elza Wright, partners under the firm name of Booth & Wright, plaintiffs,

H. S. S'ephens, defendant.

To H. S. Stepens, defendant:
In the name of the state of Oreshereby required to appear and amplaint filed against you in the abaction on or before the 1st day of Oregon, to-wit: on the 26th day 1888, and if you fail to answer a quired the plaintiff will apply to i judgment against; on as prayed for plaint herein, to-wit; For a judgment against or the sum of \$11 per cent. interest thereon from 1885, and their coets and disbursen action and \$20 attorney's fees.

This summons is published by or B. P. Boise.

A. M. Hi To H. S. Stepens, defendant:

27-6t

Summons.

In the circuit court of the state W. M. Wardle, plaintiff,

John Wardle, Randolph M. Wardle, Nancy Wardle, Rosklyne A. Tickner, Henry Tickner, Harriet E Packwood, E. Packwood, E. Packwood, St. Clare M. Wardle, Debaugh A. Wardle, Daisy A. Wardle, Alfonso W. Wardle and Matter St. Packwood, Marchand Matter S ble E. Packwoo :, defendants

To John Warde, Randolph M. Wardle, Rosklyne A. Tickner, L ner and Mable E. Packwood, defe In the name of the state of Oregenhereby required to appear and ansuplaint filed against you in the about in the above entitled court on or suit in the above entitled court on or 26th day of March. 1888, that being at of the next regular term of said that if you fail to appear and anaway plaint within said time the plainties to the court for the relief prayed complaint herein, to-wit: For a closing the mort age described a complaint herein and for an order of premises described therein as fossouth west one fourth (4) of the norse fourth (4) of section four (4) in Titl and all that portion of the west one for T48, R 4 W, lying north of the snel of Baker and Pauther creeks, cosh hundred acres of land more or less situated in Yambill county. One plaintiff have a decree foreclosing situated in Yambill county. One plaintiff have a decree foreclosing situated in Yambill county. One each of said defendants and sil persing under either of them of all acceptance in said oremises, and but judgment against John Wardle for agaremaining due and finally for such further relief as may be met in equipoconscience as prayed for in plaintiffice. This summons is published by order R. P. Boise, judge of said court. Done at chambers at Salem. Ore

Done at chambers at Salem, Orega day of Fe ruary, 1888. W. L. BRADS

### Notice.

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