PORT OF HONOLULU, H. I.

Tides, Sun and Moon.

BY C. J. LYONS.

Day	Date.	High Tide morning	High Tide evening	Low Tide morning	Low Tide evening	Sun rises	Sun sets	Moon's age
		p.m.	a.m.	p.m.	a.m.			
Mon....	19	11.30 a.m.	10.40	4.30	6.00	6.40	5.42	2.15
Tues...	20	0.20	11.20	5.20	6.50	6.40	5.42	3.12
Wed....	21	1.10	p.m.	6.10	7.50	6.40	5.43	4.07
Thur...	22	1.50	0.50	6.50	8.50	6.40	5.44	5.02
Fri.....	23	2.20	1.50	7.20	9.20	6.40	5.45	5.54
Sat.....	24	3.00	2.30	8.00	10.20	6.39	5.45	6.43 rises
Sun....	25	3.30	3.20	8.30	11.00	6.39	5.46	6.49

The Time Signal for the Port is given at 12 h. 0 m. 0 s. (midnight) of Greenwich time, or 1 h. 28 m. 34 s. P. M. of Honolulu Observatory time.

It is given by the Steam Whistle of the Honolulu Planing Mill, a few doors above the Custom House. The same whistle is sounded correctly at Honolulu Mean Noon, Observatory Meridian, or 10 h. 31 m. 26 s. of Greenwich time.

Meteorological.

Day.	Jan.	Barom. 9 a.m.	Barom. 3 p.m.	Therm. Min.	Therm. Max.	Rain in 24 h.	9 a.m. Humidity	9 a.m. Clouds	Wind	Force
Sun.	11	30.10	30.04	66	75	0.00	58	2	N	3-2
Mon	12	30.11	30.04	59	78	0.01	71	1	ston	2-1
Tues	13	30.10	30.01	57	79	0.00	61	1	ston	1
Wed	14	30.08	30.01	62	78	0.00	62	3	NE	3
Thur	15	30.14	30.09	68	77	0.04	70	4	NE	4
Fri..	16	30.16	30.09	66	78	0.05	73	3	NE	4-0
Sat..	17	30.14	30.02	62	88	0.00	81	3	SE	1

SHIPPING INTELLIGENCE.

ARRIVALS.

MONDAY, Jan. 12.

Schr Kawailani from Koolau.

TUESDAY, Jan. 13.

Stmr Lehua, Clark, from Kipahulu.
Schr Rose Sparks, Brandt, from Jaluit, S S I.
Stmr Kaimiloa, from Hanamaulu.

WEDNESDAY, Jan. 14.

Brgtne W G Irwin, McCulloch, from San Francisco.
Stmr J A Cummins, Neilson, from Waimanalo.
Stmr Iwalani, Weir, from Hamakua.
Stmr Jas Makee, Macaulay, from Kapaa.
Stmr Mokolii, McGregor, from Molokai.
Stmr Likelike, Cameron, from Hamakua.

THURSDAY, Jan. 15.

Stmr C R Bishop, Le Claire, from Koolau.
Schr M E Foster from Kauai.
Schr Mary from Hanalei.
Schr Moi Wahine from Koholalele.
Schr Ka Moi from Koholalele.
Schr Luka from Kohala.
Stmr J A Cummins, Neilson, from Koolau.

FRIDAY, Jan. 16.

Stmr Kaala, Hagland, from Hanalei.
Schr Liholiho from Kauai.

SATURDAY, Jan. 17.

Stmr Hawaii, Clarke, from Hamakua ports.
Stmr James Makee, Macaulay, from Kapaa.
Stmr Kinau, Lorenzen, from Maui and Hawaii.
Stmr Waialeale, Chaney, from Kauai.
Stmr J A Cummins, Neilson, from Waimanalo.
Schr Heela from Puuloa.

SUNDAY, Jan. 18.

Stmr Claudine, Davies, from Maui.
Stmr Mikahala, Campbell, from Kauai.
Stmr Kilauea Hou from Hamakua.
Stmr Kaimiloa, Walker, from Kauai.

DEPARTURES.

MONDAY, Jan. 12.

Stmr James Makee, Macaulay, for Kapaa.
Stmr J A Cummins, Neilson, for all ports in Koolau.
Stmr C R Bishop, Le Claire, for Koolau.
Schr Millie Morris for Koolau.
Schr Haleakala for Kona.
Stmr Waialeale, Chaney, for Kauai.

TUESDAY, Jan. 13.

Schr Kaulilua for Hanapepe.
Stmr Kaala, Hagland, for Kilauea.
Stmr Claudine, Davies, for Kahului ports.
Stmr Mikahala, Campbell, for Kauai.
Schr Kawailani for Koolau.

WEDNESDAY, Jan. 14.

S S Australia, Houdlette, for San Francisco.
Schr Kulamanu for Kohala.
Stmr Lehua, Clarke, for Kipahulu.
Stmr Pele, Smythe, for Hamakua ports.

THURSDAY, Jan. 15.

Schr Olga, Rodin, for San Francisco.
Stmr J A Cummins, Neilson, for Koolau.
Stmr Mokolii, McGregor, for Molokai.
Stmr Jas Makee, Macauley, for Kapaa.
Stmr Kaimiloa, for Hanamaulu.

FRIDAY, Jan. 16.

Stmr Likelike, Cameron, for Hawaii.
Stmr W G Hall, Freeman, for Maui and Hawaii.
Stmr R Bishop, St Claire, for circuit of Oahu.
Schr Mary E Foster for Kauai.

SATURDAY, Jan. 17.

Bk Albert, Winding, for San Francisco.
Stmr Iwalani, Weir, for Lahaina and Hamakua.
Schr Mary for Hanalei.
Schr Luka for Kohala.
Schr Moi Wahine for Hanapepe.

VESSELS IN PORT.

(This list does not include coasters.)

U S S Mohican, Shepard, from Hilo.
H M S Nymphe, Turner, Hilo.
Bk Wm Le Lacheur, Wm Auld, Hongkong.
Bktne S G Wilder, Griffiths, San Francisco.
Am bk Will W Case, Whitman, S F.
Bk C D Bryant, Jacobson, San Francisco.
Am bk Ceylon, Calhoun, Departure Bay.
Am bkt G C Perkins, Krebs, Port T'd.
Am bk Electra, Andersen, San Francisco.
Am bk Coryphene, David, Nanaimo.
Am schr Rose Sparks, Brandt, Jaluit, S S I

FOREIGN VESSELS EXPECTED.

Vessels.	Where from.	Due.
Bk Charlotte	Liverpool	Jan 15
Ship Fifeshire	Liverpool	Feb 25
Bk Santiago	New York	Feb 21
Bk Vivax	New York	May 15
Bk F S Thompson	(Kahului) Nan	Jan 20
Bk C O Whitmore	Newcastle	Jan 15
Bk J C Pflager	Bremen	Feb 25
S S Amigo	Mexico	Dec 30
Bk Fooling Suey	Boston	Apl 7
Bk H Hackfeld	Liverpool	Apl 4
Tern Wm Renton	Newc'l (Kahului)	Jan 31
Bktne Robt Sudden	Newc'l (Kahului)	Feb 5
Bk J C Porter	Nanaimo	Jan 10
R M S S Alameda	Colonies	Feb 6
R M S S Mariposa	San Francisco	Jan 19
Bk Alden Besse	B C (Kahului)	Feb 18
Schr Anna	S F (Kahului)	Jan 11
Bktne Mary Winkelman	San F	Jan 20
Brgt J D Spreckels	S F (Kahului)	Jan 28
P M S S China	San Francisco	Mar 5
Schr Golden Shore	Newcastle, NSW	Feb 19
Am Bk Sonoma	Newcastle	Feb 15
Bkt Skagit	Port Gamble	Jan 23
Bk Matilda	Departure Bay	Jan 31
U S F S Charleston	San Francisco	Jan 29
Bktne John Smith	Newcastle	Feb 15
Bk Mauna Ala	Newcastle	Feb 19
Bk Woollahra	Newcastle	Feb 10
Ship Exporter	Newcastle	Feb 12
Bk Newsboy	Newcastle	Feb 28

PASSENGERS.

ARRIVALS.

From Maui and Hawaii per stmr W G Hall, Jan 13—P Lee, wife and child, Miss R Kalanipoo, G McDougall, Masters Hayselden (2), Miss Hayselden, E V Dunn, F W Feary, wife and child, J D Dulcan, J McKinley, J H Coney, M Gouveia, Sam Chock, A C Dowsett, Miss Sunter, Mrs Kaili, Mrs Kawaauhau and 94 deck passengers.

From San Francisco, per brgt W G Irwin, Jan 14—W McCandless, H Gilbert, H Nash and 3 steerage passengers.

Fom Hamakua, per stmr Iwalani, Jan 14—Dr Greenfield and son, Mr Horner and 33 deck passengers.

From Hawaii, per stmr Likelike, Jan 14—W Bade, Jr. and T C Kay.

From a circuit of Oahu, per stmr C R Bishop, Jan 15— Mrs Gellatte and four children.

For Molokai, per stmr Mokolii, Jan 15—David Dayton Dr Swift, and about 20 deck passengers.

For Maui and Hawaii, per stmr W G Hall, Jan 16—Mrs Roy and three children, Miss Kawewehi, Mrs C Apaua, Wong Quong, Akai, Mr Wall, Mrs C L Hopkins, Mrs Kamii, Malcolm Brown and 60 deck passengers.

From Maui and Hawaii, per stmr Kinau, Jan 17—Miss J L Richardson, Miss E M Richardson, S Kimura and wife, Mrs S G Wilder, Miss Helen K Wilder, Master Wilder Wight, Miss Leslie Wight, J Tucker, E N Hitchcock, C Y Aiona, A Higgins, C Noswell, A G Serras, Miss Lehua, Mrs C K Stillman, Miss Clara Low, Mrs Meekapu, Malcolm Brown and wife, A Tibbs, Rev J M Silver, Morris Green, C Shoel, J O Desborough and wife, Mrs T B Arcia and child, J Sorrensen, wife and son, Mrs Mary Scmidt, T W Gay and 64 deck passengers.

From Maui, per stmr Claudine, Jan 18—Mrs M H Reuter, Mrs Maria Ailau, D H Davis and wife, Mrs M Mueller, J W Kalua, Mrs A P Jones, Mrs Raupp and children, J S Antonia, Brother Charles, A Borba, wife and child, Jas Alana, Miss Millie Morris, A E Tatsumi, Chas Farden, Mrs Cogan, Mrs J T Aluli and son, Lam Chip and wife, Quong Fung, C Ahu, L Ahui, N Achew, Tom Dow, Mrs Lee Hin, Apoon, Wing Hop, Y Young.

From Kauai, per stmr Mikahala, Jan 18—S W Wilcox, Master Ralph Wilcox, Dr St D G Walters, Dr G Herbert, F P Hastings, Miss A Praelle, Mrs G Borchgrevink, J Eadie, J W Sheffield, Joe Conraat and son, Hiel Kapu and wife, Master Emil Decier, M H Laffey, G Genmell, Josia Keawe, Thos Reuter, 2 Chinese and 28 deck passengers.

From Kapaa, per stmr James Makee, Jan 17—Mr Bishop and Mr Makee.

From San Francisco, per R M S Mariposa, Jan 19—Capt Dabel, E Dekum, Judge S B Dole and wife, John Dyer and wife, C F Fisher, W C Gillette, F B Haight, Frank Hawkins, J W Hawkins, Miss Athalie Levey, Master Philip Levey, Mrs James A Louttit, Miss M Ward, H Rand, E Pitkins, M Redmond, C H Shilling, wife and infant, F S Stolz and wife, F M Swanzy, J Upitz, Judge H A Widemann, Alex Young, B F Bagley, Mrs Marshall, D Bennett and 23 steerage; 2 cabin, 10 steerage for Auckland; 25 cabin, 35 steerage for Sydney and 1 cabin for Samoa.

DEPARTURES.

For Kauai, per stmr Mikahala, Jan 13—Mrs F W Macfarlane, 2 children and nurse, Miss Needham, A E H Swift, Mr Myhre and wife, Hiel Kapu and wife, Dr Herbert, Mr Garstins, Mr Richter, H Lose, Ahuna, Ah Sung, Conchee and 60 deck passengers.

For Maui, per stmr Claudine, Jan 13—J W Kalua, Hon W H Kanealii, G P Wilder and wife, Mrs McMillan, Miss Fergusen, J K Naone and wife, Tom Dow, D H Davis and bride, W V Lockwood, Capt A E Smith and 40 deck passengers.

For San Francisco, per S S Australia, Jan 14—D H Brewer, P S Sheldon and wife, Hon Cecil Brown, J C Nobmann, J C Whitmann, Miss S Walker, Mrs G V Brownell, J H Pratt and wife, J G Anderson, Mrs L H King, J A Luckett, Miss McBryde, Mrs M D Monsarrat, M Thompson, A W Howe, R Halstead and wife, L Juda, C Tinkham, M Green, A Young, Jr, Masters Greenfield (2), R Young, Frank Godfrey, L B Kerr, F Gibson and wife, F L Hoogs, Mrs S J Trimble and 12 steerage passengers.

For San Francisco, per schr Olga, Jan 15—G H Tweedie and W C Graham.

For San Francisco, per bk Albert, Jan 17—Mrs E H Miller, Mrs Gelatte and 5 children, H N Mayo and wife, Chaptam M Staples and wife and Miss Grace Brewer.

SHIPPING NOTES.

The British bark Banca, which was here sometime ago, has recently put into Bahia, slightly leaking.

The Norwegian bark Faust was at Port Blakely, January 1st, loading lumber for Melbourne.

The British steamer Strathclyde loads wheat at San Francisco for St. Vincent.

The British sloop-of-war Daphne, according to authoritative informations received, was to proceed direct from San Francisco for Panama, and not for this port.

Dr. Johnson's jet-propulsion steamer Evolution made a trial trip in New York bay on December 20th. The engine worked well and at one time the log showed that she was running at the rate of seventeen knots an hour. The Evolution carries a 40-ton pump. This pumps in an eight inch stream and forces our ¾-inch of water that, when ejected from a pipe in the sternpost about three feet below the surface of the water, forces the boat ahead.—[N. Y. Maritime Register.

The tern John G. North was at Mahukona when the Iwalani passed off that port last Tuesday.

The brigantine W. G. Irwin, Captain J. E. McCulloch, arrived January 14th, a little over 14 days from the Golden Gate, San Francisco, with 520 tons assorted cargo. Fine weather and light winds were experienced the whole passage. Messrs. W. M. Giffard and W. McCandless each received a horse by her. A consignment of about 61 pigs came to Messrs. Burke & Winston.

The O. S. S. Australia took to San Francisco, January 14th, the following exports: W. G. Irwin & Co., 14,208 bags sugar; H. A. Widemann, 3,845 bags sugar; Sing Chong & Co., 1,046 bags rice; M. Phillips & Co., 580 bags rice; Wing On Wo & Co., 290 bags rice; Yuen, Ling & Co., 100 bags rice; F. F. Porter, 898 hides and 360 skins; M. W. McChesney & Son, 796 hides and 225 skins; G. W. Macfarlane & Co., 1,159 empty kegs; W. C. Peacock & Co., 51 kegs wine; Hyman Bros., 559 bags rice; P. G. Camarinos, 59 boxes fruit; M. Rodriques, 188 bnchs. bananas; J. Lewis, 100 bnchs. bananas; C. T. Gulick, 370 bnchs. bananas; G. Lycurgus, 518 bnchs. bananas; Campbell, Marshall & Co., 4,110 bnchs. bananas. Foreign value, $10,315; domestic value, about $129,796.

The schooner Olga left for San Francisco, January 15th, with cargo shipped as follows: C. Brewer & Co., 5,835 bags sugar; Castle & Cooke, 2,000 bags sugar; J. Lewis, 40 bnchs. bananas; F. A. Schaefer & Co., 6,148 bags sugar. Totals: tonnage, 820 tons; domestic value, $63,110.94.

The barkentine Geo. C. Perkins will go to Kahului this Tuesday to load for San Francisco. The Claudine tows her thither.

The administration of the Bureau Veritas has just published the list of maritime disasters reported during the month of October, 1890, concerning all flags. The following are the statistical returns: Sailing vessels—8 American, 1 Argentine, 2 Austrian, 34 British, 6 Danish, 5 Dutch, 5 French, 9 German, 3 Italian, 2 Japanese, 19 Norwegians, 1 Portuguese, 6 Russian, 1 Spanish, 9 Swedish; total 111, including 3 missing. Steamers—8 British, 2 German, 1 Norwegian, 1 Portuguese, 1 Spanish, 1 Swedish; total 14, including 1 missing.—N. Y. Maritime Register.

The bark Albert sailed on Saturday, January 17th, for San Francisco with 2,466,561 pounds sugar. The consigners were: H. Hackfeld & Co., 13,604 bags sugar; M. S. Grinbaum & Co., 4,151 bags sugar; C. Bolte, 1,925 bags sugar. Total: sugar, 19,680 bags; tonnage, 1,334 tons; domestic value, $124,416.15.

The tern John G. North, Captain Ipsen, sailed from Mahukona for San Francisco last Thursday, January 15, with 10,349 bags sugar, weighing 566 tons, and valued at $53,351.

HILO SHIPPING NEWS.

Jan. 6—Arrived at Hilo 3-masted schr. Sadie F. Caller, Captain R. W. Randetin, from Santa Rosalia, Mexico, in ballast, 26 days passage.

Jan. 9—Arrived at Hilo 3-masted schr. Dora Bluhm, Captain J. W. Reusch, 17 days from San Francisco with merchandise.

Sailed, Jan. 14, from Hilo brig Lurline, Captain Matson, with full cargo of sugar for San Francisco. Passengers: Mr. MacIntosh, Mr. Dugan.

HAWAIIAN FLAG IN PORT.

There arrived at this port yesterday morning a vessel with a large cargo of sugar from the Philippine Islands, upon which three different countries have some claim, either in construction, ownership or nationality. It was the large steel bark Foohng Suey, built at Glasgow, Scotland, in 1888, flying the Hawaiian flag, and owned by Charles Brewer of Boston. She has a net tonnage of about 1,000 tons, and has a capacity for carrying 1,600 tons of dead weight. On both bows the name of the vessel appears in letters of brass, under which are the Chinese characters forming the same name. She has lower masts and bowsprit of iron, a rounded stern, and a bridge such as is used on steamers, but seldom seen on American built vessels, extending from the cabin house to a point a little abaft the mainmast, around which an iron railing has been placed, to prevent the captain or officers from being swept into the sea while giving orders during heavy weather on long voyages. Capt. A. W. Newell, formerly of the Boston bark Amy Turner, also owned by Charles Brewer, has command of the vessel. She is lying at the National Dock, East Boston, where she will discharge her cargo of about 58,000 sacks of sugar. In the recollection of some of the oldest towboat captains and 'longshoremen in Boston, this is the first vessel flying the Hawaiian flag that has ever visited this port.—[Boston Herald, Dec. 17.

BORN.

TREADWAY—At Wailuku, Maui, January 11th, to the wife of H. G. Treadway, a daughter.

DIED.

JOHNSON—In this city, on Saturday, Jan. 17, from paralysis, Mrs. Lois S. Johnson, widow of the late Rev. E. Johnson, formerly at Waioli, Kauai, aged 82 years, a native of New Hampshire, U.S.A.

WILLIAMS, DIMOND & CO.'S CIRCULAR.

Per Steamer Australia, San Francisco, December 31, 1890.

Our last circular was dated December 4th, per Australia.

SUGAR—There have been few changes during the month in the local market.

The California Refinery continued their price list as last advised, until the 23rd inst., when they made a reduction of ½c. per lb. on whites and ¾c, per lb. on yellows. This refinery, after having been closed down for several weeks, started up 22d inst.

The American Refinery, which has been closed for repairs, will start up January 2d, and to-day made a further reduction in prices, so that the principal grades of both refineries are quoted as follows:

American Refinery — Cube, 6⅛c.; Gran., 5⅞c.; Ex. C., 5c.; Gol. C., 4¾c.;
California Refinery — Cube, 6½c.; Gran., 6¼c.; Ex. C., 5c.; Gol. C., 4¾c.

Otherwise the situation here is without new features.

Cuba Basis— On December 8th, the basis declined to 5 5-16c., and on the 13th to 5¼c. Since then there has been no change, but sales of Cuba centrifugals were made in New York at the above figure on the 15th, 17th, 18th, 19th, 23rd and 27th inst.

Eastern and Foreign Markets.— There are no material changes to note during the month. Our latest mail advices from New York of the 27th inst., state that there has been some little business in spot and near by parcels on the basis of 4 9-16c. for 89 deg. test Muscovadoes, and 5¼c. for 96 deg. test centrifs., but cargoes for shipment have received no attention. Refiners are still working up their direct receipts of Louisiana and also European beet, the importations of which have been quite heavy recently. Purchases at higher prices are not possible as long as supplies are available from above sources.

Refiners have already absorbed about 100,000 tons of the Louisiana crop. Sellers are not disposed to accept the prices offered for cane sugar, excepting that an improved demand and higher values will be shown later on. Dispatches from London report that M. Licht has increased his estimate of the German beet crop 60,000 tons, which makes the total for that country 1,310,000 tons.

Total stock of sugar in all the principal countries, at latest uneven dates is 595,627 tons, against 646,553 tons same time last year.

Our latest telegram from New York of to-day, quotes London beets 88 deg. test 12s. 6d.; Cuba centrifs. 96 deg. test 5¼c. Market firm with an improved demand for futures. Price of granulated, 5 94-100c. Trust certificates, 56⅜c. on the 30th. Highest for the month, 60¼c. European and foreign markets steady.

Another beet factory with a capacity of 500 tons beets per day, is about to be established in San Bernardino County, this State. The projectors are the Oxnard Beet Sugar Co. of Nebraska; 2,500 acres of beets will be planted, and the factory will be ready for work in November, 1891.

RICE—Since our last circular, the market continued for sometime on basis of 5¾c. @ 5⅞c. for No. 1 Island, but dealers would only buy for immediate wants.

On the 19th inst. the steamer Belgic arrived with 3,620 bags Japan polished rice, which was sold ex-ship at 5⅛c. down to 4¾c., the last 500 sacks being sold at auction. Other shipments also being expected, price of Island has dropped to 4¾c., at which the last sales were made.

FLOUR—G. G. Ex. Family, $4.25 per bbl.; G. G. Eldorado, $3.25 per bbl.; Crown, $4.20. All f. o. b.

BARLEY—No. 1 Feed $1.52½ @ $1.55 per ctl.; Ground or Rolled, $32.50 per ton, f. o. b.

BRAN—$22.50 per ton, f. o. b.

MIDDLINGS—$23.50 per ton, f. o. b.

OATS—Choice Feed, $2.00; Surprise $2.10 per ctl., f. o. b.

WHEAT—Chicken, $1.37½; Milling, $1.42½ per ctl., f. o. b.

HAY—Wheat, $17 @ $18 per ton, f.o.b.; Oat, $14 @ $15 per ton, f. o. b.

LIME—I. X. L., $1.45 per bbl., f. o. b.; other brands $1.30 per bbl., f. o. b.

CHARTERS— Since last advices consuming markets have advanced, and with rain here and tonnage in light supply, an advance has been secured, 45s. U. K., Havre, Antwerp, Dunkirk being paid for iron, and 40s. U. K., Havre, Antwerp for large wood. The holidays have as usual interfered with business, but at the close we quote the market as quite steady, with tonnage held at last rates. No change to note in lumber or coal rates.

EXCHANGE—N. J. regular, 5c.; telegraphic, 10c.; London bankers, 60d., $4.81 @ $4.82.

CARE OF CHILDREN'S EYES.

How to Give the Tots Good Sight.

First. Do not allow the light to fall upon the faces of sleeping infants.

Second. Do not allow babes to gaze at a bright light.

Third. Do not send children to school before the age of 10 years.

Fourth. Do not allow children to keep their eyes too long on one object at any one time.

Fifth. Do not allow them to study much by artificial light.

Sixth. Do not allow them to use books with small type.

Seventh. Do not allow them to read in a railway carriage.

Eighth. Do not allow boys to smoke tobacco, especially cigarettes.

Ninth. Do not necessarily ascribe headaches to indigestion; the eyes may be the exciting cause.

Tenth. Do not allow itinerant spectacle venders to prescribe glasses.—From a Franklin Institute lecture.

Artesian Water and Iron Pipes.

In a paper read before the Franklin Institute, of Philadelphia, Mr. Reuben Haines gave an account of his examination of water from an artesian well, which had passed through a galvanized iron pipe. Over six and a half grains of carbonate of zinc were present in every gallon. The water also contained an unusual amount of carbonate of ammonia, and Mr. Haines concludes that the enormous amount of zinc present in solution was due to the formation of a double carbonate of zinc and ammonia, held in solution by the excess of carbonate of ammonia present in the water. The case is an exceptional one, but the action of water on galvanized iron pipes is so variable and uncertain that they are entirely unfit to carry water used for drinking. The salts of zinc have a most prejudical effect upon the health, and the danger of contamination of water in contact with zinc or galvanized iron is a constant one.—Ex.

The Longest Words.

Here are the eight longest words in the English language at the present writing:

Suticonstitutionalist.
Philoprogenitiveness.
Incomprehensibleness.
Disproportionableness.
Honorificibilitudinity.
Velocipedestrianistical.
Transubstantionableness.
Proantitionsubstationist.

A man that has for trade no eyes
Will ne'er begin to advertise.

A merchant dull gives vent to sighs,
And being dull won't advertise.

How can a man to fortune rise
If he refuse to advertise?

He who is poor for fortune tries,
'Twill be great help to advertise.

The sluggard long in slumber lies.
Awake! Awake!! and advertise.

At the hospital—Doctor: "The price of bandage lint and arnica has been increased so recently that we are compelled to use it very sparingly." Visitor: "Why is that, Doctor, the McKinley bill?" Doctor: "No, football."

"What is the most fashionable lining for a sealskin sacque?" asks a correspondent. The fashion editor suggests a pretty girl.

New Advertisements.

J. W. WINTER, D. D. S.

HILO, HAWAII.

Permanently Located at Vierra's Hotel

TERMS MODERATE—SAN FRANCISCO PRICES.

[1338-1m*]

Election of Officers.

AT A MEETING OF STOCKHOLDERS of the Peoples' Ice and Refrigerating Co. held on Tuesday, Jan. 7th, the following officers were elected to take the place of those resigned:

President.....Jona. Austin
Vice-President.....Jno. S. McGrew
Secretary.....G. P. Castle
Treasurer.....L. C. Ables
Auditor.....T. W. Hobron

G. P. CASTLE,
1357-2t 2657-3t Secretary.

Administrator's Notice.

THE UNDERSIGNED HAVING been duly appointed Administrator of the Estate of KAHIKOKU KING (w), deceased, late of Wailuku, notice is hereby given to all persons having claims against said estate to present them, duly authenticated to the undersigned within six months from date hereof or they will be forever barred, and all persons indebted to the said estate are requested to make immediate payment to me at Wailuku, Maui, or to L. A. Thurston, Honolulu.

J. L. KING,
Administrator Estate of Kahikoku King.
December 20, 1890. 1355-4t

Legal Advertisements.

SUPREME COURT OF THE Hawaiian Islands.—In Probate. In the matter of the Estate of CHAS. W. HART, of Cornelius, Oregan, U. S. A., deceased, intestate. Before Chief Justice JUDD.

On reading and filing the petition of Mrs. A. Hohman of Cornelius, Oregon, U. S. A., alleging that Chas. W. Hart of said Cornelius, died intestate at said Cornelius on the 12th day of December, A. D. 1890, and praying that Letters of Administration be issued to David Dayton.

It is ordered, that THURSDAY, the 5th day of February, A. D. 1891, be and hereby is appointed for hearing said petition before the said Justice, in the Court Room of this Court, at Honolulu, at which time and place all persons concerned may appear and show cause, if any they have, why said petition should not be granted.

Dated Honolulu, H. I., January 12, A. D. 1891.
By the Court:
1358-3t J. H. REIST, Deputy Clerk.

SUPREME COURT OF THE Hawaiian Islands.—In Probate. In the matter of the Estate of HENRY M. STILLMAN, of Honolulu, Oahu, deceased. Order appointing time for Probate of Will and directing publication of notice of the same.

A document, purporting to be the last Will and Testament of Henry M. Stillman, deceased, having on the 19th day of January, A. D. 1891, been presented to said Probate Court, and a petition for the Probate thereof, and for the issuance of letters testamentary to John M. Dowsett, having been filed by said John M. Dowsett.

It is hereby ordered, that FRIDAY, the 13th day of February, A. D. 1891, at 10 o'clock A.M. of said day, at the Court Room of said Court, at Aliiolani Hale, in Honolulu, be and the same is hereby appointed the time for proving said Will and hearing said application, when and where any person interested may appear and contest the said Will, and the granting of letters testamentary.

Dated Honolulu, H. I., January 19th, 1891.
By the Court:
ALFRED W. CARTER,
1358-3t Second Deputy Clerk.

IN THE CIRCUIT COURT OF the Third Judicial Circuit of the Hawaiian Kingdom.

KALAKAUA: By the grace of God, of the Hawaiian Islands, King:

To the Marshal of the Kingdom, or his Deputy in the Third Judicial Circuit—Greeting:

You are hereby commanded to summon CHANG WAI (Ch), defendant, in case he shall file written answer within twenty days after service hereof, to be and appear before the said Circuit Court at the November Term thereof, to be holden at the Court Room of the Court House at Waimea, in the Island of Hawaii, on TUESDAY, the 4th day of November next, at 9 o'clock A. M., to show cause why the claim of MARY CHANG WAI, plaintiff, should not be awarded her pursuant to the tenor of annexed petition. And have you then there this Writ, with full return of your proceedings thereon.

Witness, Hon. A. FRANCIS JUDD, Chief Justice of our Supreme Court, at Hilo, this 8th day of September, A. D. 1890.
[L. S.]
DANIEL PORTER,
Clerk of Circuit Court.

Due and diligent search was made for the within named defendant Chang Wai, but he could not be found as he left the Kingdom on the S. S. Oceanic on September 12, 1890.

I hereby return this summons not served.

C. L. HOPKINS,
Marshal.

I certify that the foregoing is a true copy of the summons in said cause and the return of the Marshal therein, and that said Court at the November Term, 1890, ordered that the case stand continued until the next May Term, Hilo, Hawaii, and that an attested copy of said summons be published as required by Law.

Witness my hand and the Seal of said Court at Hilo, this 29th day of December, A. D. 1890.
[L. S.]
1357-6t DANIEL PORTER, Clerk

SUPREME COURT OF THE Hawaiian Islands—In Probate. In the matter of the Estate of ALLEN R. EVERETT, of Wailuku, Maui, deceased. Order appointing time for probate of Will and directing publication of notice of the same.

A document, purporting to be the last Will and testament of Allen R. Everett, deceased, having on the 7th day of January A. D. 1891, been presented to said Probate Court, and a petition for the Probate thereof, and for the issuance of Letters Testamentary to Thos. W. Everett having been filed by him.

It is hereby ordered, that MONDAY the 2nd day of February A. D. 1891, at 10 o'clock, A. M., of said day, at the Court Room of said Court, at Aliiolani Hale in Honolulu, be and the same is hereby appointed the time for proving said Will and hearing said application, when and where any person interested may appear and contest the said Will, and the granting of Letters Testamentary.

Dated Honolulu, H. I., January 7, 1891.
By the Court:
1357-3t J. H. REIST, Deputy Clerk.

SUPREME COURT OF THE Hawaiian Islands. In Probate. In the Estate of WILHELM REINHARDT, of Honolulu, Oahu, deceased, intestate.

On reading and filing the petition of Catherine Singer, of Honolulu, Oahu, alleging that Wilhelm Reinhardt, of Honolulu, died intestate at Honolulu, Oahu, on the 22d day of December, A. D. 1890, and praying that letters of administration issue to herself.

It is ordered that FRIDAY, the 23d day of January, A. D. 1891, be and hereby is appointed for hearing said petition before a Justice, in the Court Room of this Court, at Honolulu, at which time and place all persons concerned may appear and show cause, if any they have, why said petition should not be granted.

Dated Honolulu, H. I., January 5th, A.D. 1891.
By the Court: ALFRED W. CARTER,
1356-3t Second Deputy Clerk.

SUPREME COURT OF THE Hawaiian Islands. In Probate. In the matter of the Estate of DAVID MANAKU, late of Honolulu, Oahu, deceased.—At Chambers, before Chief Justice JUDD.

On reading and filing the petition and accounts of William O. Smith, of Honolulu, Oahu, Administrator of the Estate of David Manaku, late of said Honolulu, deceased, wherein he asks to be allowed $224.92, and charges himself with $219.41, and asks that the same may be examined and approved, and that a final order may be made discharging him and his sureties from all further responsibility as such Administrator.

It is ordered, that TUESDAY, the 10th day of February, A. D. 1891, at ten o'clock A. M., before the said Justice, at Chambers, in Aliiolani Hale, be and the same hereby is appointed as the time and place for hearing said petition and accounts, and that all persons interested may then and there appear and show cause, if any they have, why the same should not be granted, and may present evidence as to who are entitled to the said property.

Dated at Honolulu, H. I., this 2d day of January, A. D. 1891.
By the Court: ALFRED W. CARTER,
1356-3t Second Deputy Clerk.

IN THE CIRCUIT COURT OF the Second Judicial Circuit of the Hawaiian Kingdom.

KALAKAUA: By the grace of God, of the Hawaiian Islands, King:

To the Marshal of the Kingdom, or his Deputy in the Second Judicial Circuit—Greeting:

You are hereby commanded to summon SAMUEL BRIERLY, defendant, in case he shall file written answer within twenty days after service hereof, to be and appear before the said Circuit Court at the December Term thereof, to be holden at the Court Room of the Court House at Lahaina, in the Island of Maui, on TUESDAY, the 2d day of December next, at 9 o'clock A. M., to show cause why the claim of KAHALIONE, plaintiff, should not be awarded her pursuant to the tenor of her annexed petition. And have you then there this Writ, with full return of your proceedings thereon.

Witness, Hon. A. F. JUDD, Chief Justice of our Supreme Court, at Wailuku, this 17th day of November, A. D. 1890.
[L. S.]
GOODALE ARMSTRONG,
Clerk of Second Circuit Court.

I certify the foregoing to be a true copy of the original summons in said cause, and that said Court ordered publication of the same and continuance of said cause until the next June Term of Court to be held in Wailuku.

Dated Wailuku, December 18, 1890.
1355-6t GOODALE ARMSTRONG, Clerk.

Notice to Creditors.

THE UNDERSIGNED HAVING been duly appointed Executor of the last will and testament of ANNIE C. COVINGTON, of Honolulu, Island of Oahu, deceased; notice is hereby given to all persons to present their claims against the Estate of said Annie C. Covington, deceased duly authenticated whether secured by mortgage or otherwise to the undersigned at his Office on Merchant Street, Honolulu, Oahu, within six months from the date hereof or they will be forever barred and all persons indebted to said estate are hereby requested to make immediate payment to the undersigned.

CECIL BROWN, Executor.
Dated Honolulu, January 13, 1891. 1357-4t

New Advertisements.

Notice of Intention to Take Land

To all whom it may Concern.

TAKE NOTICE THAT THE OAHU RAILWAY AND LAND COMPANY, by virtue of the powers and authorities given to and vested in it by its Charter and by Act approved on the eleventh day of September, A. D. 1888, entitled "An Act to Authorize and Promote the Construction of Steam Railroads on the Island of Oahu," and of every other power in anywise enabling it in this behalf, intends to take and use for the purposes of the railway which it is authorized to construct, and the works connected therewith, the strip of land described as follows:

Beginning at Station 0, on the located center line of the Pearl City Branch of the Oahu Railway at Pearl City; thence along said center line as now marked upon the ground by stakes, southerly 6000 feet on the Manana Peninsula, taking a width of 60 feet, 12 feet on the easterly side and 48 feet on the westerly side of said center line, and including within these limits the following pieces of land:

Part of Land Commission Award 6156 E, Royal Patent 4813 to Naue, held by the Trustees under the Will of Mrs. B. P. Bishop, leased to Tong Sing Wai & Co., area 5-100 acre; Part of Land Commission Award 8305, Royal Patent 401 to P. Kanoa, owned by the Oahu Railway and Land Company, Part of Land Commission Award 7456, Royal Patent 190 to Kawaakaakahi, owned by Laa, area 15-100 acre; Part of Land Commission Award 10357, Apana 1, Royal Patent 872 to Naheana, owned by the Estate of Frank Anton, leased to Tong Sing Wai & Co., area 4-100 acre; Part of Land Commission Award 8559, Royal Patent 4497 to C. Kanaina, owned by Mrs. Armstrong, area 30-100 acre; Part of Land Commission Award 5955, Royal Patent 194 to Mahu, owned by Maluaka, area 16-100 acre; Part of Land Commission Award 7447, Apana 4, Royal Patent 265 to Kuheleloa, owned by Makaole, leased to Tong Sing Wai & Co., area 15-100 acre; Part of Land Commission Award 8559, Royal Patent 4497 to C. Kanaina, owned by Makanui, leased to Tong Sing Wai & Co., area 66-100 acre; Part of Land Commission Award 8559, Royal Patent 4497 to C. Kanaina, owned by Mrs. Armstrong, area 21-100 acre; Part of Land