TRIBUTES TO **CLARENCE KING**

vate life has died in recent years whose death has called forth such genuine and heartfelt press notices from his friends in the highest stations in life and editorials in all the leading New York daily newspapers as the late Clarence of the control of the life and of triumphant public career.

une. Mr. King had a large circle of friends among the uning men of British Co-lumbia, who will be giad to read these ***************** tributes to his memory. I first made his THE SMELTERS acquaintance in a stage-coach on the Kaslo and Slocan road in 1895 and found him then and ever afterwards one of the most charming and delightful men I ever met.

When Mr. Stedman places Clarence King on an equality intellectually and socially with John Hay, his close and intimate friend, the present secretary of state of the United States, enough has been done to give a fair and just estimate of his ability, culture and standing He is interesting to Rossland in this at least, that he was the first eminent expert and geologist to pronounce favorably upon its mines. All others who had preceded him had reported adverse upon them. When it became know that his opinion was favorable the cam-

price of copper means a loss to the mine owners of one dollar a ton for every became a favored place for investment.

On one occasion when speaking to unit of copper, that is, if the ore carries one per cent copper the loss is \$1 a ton; if two per cent, the loss is \$2 a ton, and me of his travels and specified scene he had seen, he said that the most beautiful landscape his eyes had ever rested er than normal, and in my opinion will upon was from a point back of Nabe higher before long; but conditions as kusp, about 400 feet above Arrow lake; and on a splendid day. Before him, he said, lay the limpid waters of Arrow lake. Away to the south, as far as the eye could reach, rolled the silvery Columbia, walled on either side by high mountains. Across on the western side of the lake rose those great mountains covered with great forests whose autumnal changes in leaf made a scene enchanting. Away above and beyond the forest line rose in majestic splendor those bare rugged shoulders filled in here and there all the way almost to Revelstoke with great glaciers and their peaks covered with the everlasting snows, He said in all his travels in rope, South America, Mexico or the United States he had never beheld such

a landscape. He is gone, and we shall never look upon his like again.
J. B. McARTHUR,
Atlantic City, N. J., Jan. 4.

CLARENCE KING DEAD. Clarence King, who died from consumption on Tuesday morning at will be brought about by the besmeriz-Phoenix, Ariz., in his sixtleth year, was ing of our matte at the Granby works known in this country and in Europe as at Grand Forks. By treating our matte a scientist and a writer of ability. He at Grand Forks, instead of shipping it dent when, after receiving his degree \$2,000 a month. The cuts we have and from the Sheffield Scientific School of ready obtained in freight rates and Yale university in 1862, he joined the ge- prices of coke means \$100 a day to us ological survey of the state of California. He served under Professor J. D. Whit- would mean if we were treating treble ney in that state until 1866. In this per- the quantity we are now treating.' iod he gathered material for "Mountain-eering in the Sierra Nevada," which the Boundary ores, was the next ques. established Mr. King's literary reputation as led Mr. Johnson, and he replied

Carefully pursuing his scientific re- of smelting, and it is very important searches along the Pacific Coast, he that we have a supply that can be made discoveries valuable to the inter- pended on. At present, we are entirely ests of the United States government. dependent for our fuel supply on the In recognition of his merit as a geolo- Crow's Nest coal mines and on the Cagist he was placed in command of the nadian Pacific railway. The mines furepedition known as the United States nish the coke and the railway does the Geological survey, which made a scien- hauling. If through any cause the suptific investigation of the Western con- ply of coke was diverted, we would have tinent between the Missouri river and to close down our smelter, and if the the Pacific ocean. Mr. King spent five smelter was closed down years in this work. The publication of his reports began in 1870, and was completed in 1878, under the title of "Pro- tiy. While it is true that a coke fesional Papers of the Engineer Depart-

In 1872 an attempt was made to im- very important that fuel of a good grade is obtained. The smelters of the Bounpose on investors by "salting" certain tracts of land in California with diadary, handling as they do copper ores monds and rubies brought from Lon- exclusively, can utilize a poorer quality of coke to better advantage don. Taking specimens of the gems to San Francisco, the promoters of the nesmelters that treat silver-lead ores exfarious scheme had no difficulty in disclusively. We have no great complain posing of large blocks of stock. The to make now on the quality of the coke Rothschilds telegraphed to the Bank of supplied us. We can get along with the California, which had invested in the quality if we are only assured of a constock of the new company to secure them control of the diamond field. Mr. King exposed the fraud and caused the conspirators to be arrested.

At the suggestion of Mr. King the several national government surveys were consolidated into the existing United superintendence and labor and \$12,000 all winter. There is about two and a States Geological survey. He was appointed its first director, an office be any reduction in wages that could posresigned to give attention to business sibly be made would have little bearing cent cut would lower wages below the

Mr. King served as a special geolo-rates paid in other smelting centres, gal expert in important cases of min-and we would be unable to keen good ing litigation. Continuing his researches in geology, he wrote "The Age of the published in "Silliman's Jourral," a paper that was highly praised by physicists. He was elected a member of the National Academy of Sciences in 1876, and was honored by election to membership to many societies in Europe.

Several years ago he went to the Klondike. It was there he contracted incipient symptoms of the disease from which he died, though he had not been strong since 1893. Last spring he went to Arizona, in the hope of obtaining relief. Mr. King will be buried in Newport. R. I., where he was born.

dent almost entirely on reductions Edmund Clarence Stedman said of the cost of fuel? Mr. King yesterday: "Yes, I knew "That is about the way to size up the Clarence King for years, and my most situation. While it is possible that new delightful journey was in his companappliances may be introduced to lessen ionship. But I am only one of scores the cost of both mining and smelting, for whom the news of his untimely yet I believe the plant which I construct death has cast a shadow across this ted for the B. C. Copper company is Christmastide. There was no one else like him. He has not left his fellow in one of the most complete now in operwit, humor, zest, charm and all that goes altion, and to give you an idea as to to make a man the life of the best company, and, as a loyal friend, one to in- what is done at smelters in In Colorado it is estimated that a ton spire a love passing the love of women His career as a geologist and engineer and a half of ore is handled per man is of record, but what he was in social per shift. We have 28 men at our furlife, in the world of taste and letters, in table talk, in comradeship, must now, an average during the month of Declas! be a unique tradition. Of all wits

How does the present price of copper I have known he was the most instant and the most refined. His friends have compare with the prices that have ruled

day. Interviewed by the Tribune on

so on. The price of copper today is low-

they exist must be considered, not con-

ditions that may exist at some time in

now, and you will readily see what it

What is the greatest cost in smelting

would also be closed down, for no mine

or smelter has unlimited ore-bin capaci-

taining a high percentage of ash can be

used in smelting copper ores, it is also

"Roughly speaking, the smelter

and we would be unable to keen good

men. Even a 10 per cent cut in the

price of fuel would mean much to the

you can readily see the great saving it

dle 1,200 tons of ore a day. We are now

\$1,200 a month or \$14,400 a year. Multi-

ply that by three and you have \$43,200 a

for a company whose capital is \$1,000,

Then you consider the present cost of

smelting industry as it is today, and

would be were we in a position to han-

stant supply."

000.

and fuel in smelting?

our mines

than

the mining and smelting situation in Boundary district, Mr. Johnson said:

and the most refined. His friends have compare with the prices that have ruled said of him, as was so often said of in former years?

Lawrence Oliphant, that he might do or be whatsoever he chose; but he was even more various, and brilliant than Oliphant, and, notwithstanding his de-lightful conjugation for narradox far more in 1806 210 29. The order of the compare with the prices that have ruled in former years?

The price today for Lake is \$12.25.

During 1900 it averaged \$16.25 and 1899 the average was \$17.61, and in 1898 the average was \$17.61, and in 1898 the average was \$17.61, and in 1898 the average and of the prices that have ruled in former years? lightful genius for paradox, far more in 1896 \$10.88. The price for Lake logical and steadfast. His literary style, given, as that grade is the one on whirh logical and steadast. His literary style, given, as that grade is the one on which although he rarely had the leisure for writing, was alluring from the outset. I writing, was alluring from the outset. I recall a single paper, a prose fantasia, price averaged \$24.27, and it dropped to \$20.74 in 1870. In 1872 it averaged \$31.38, bring." by which any writer might be daily newspapers as the late Clarence king, who died the day before Christmas, I enclose you one of the most commas, I enclose you one of the most command the servative of these, which appeared in him. His devotion to his nearest kind- it had dimbed up to \$14.87, but the next the New York Tribune, and also E. C. Stedman's tribute to his memory. I hope wou will find space in the Miner to publish them. His devotion to his nearest kind-it had dimbed up to \$14.87, but the next year it dropped to \$12.31. In 1890 \$14.73 was the average, and in 1891 \$13.14, in 1892 \$11.50, in 1893 \$10.75, and in 1894 it price was \$10.76. These figures show that the price of copper has had a wide range in 35 years, and the average is not far from the price ruling in New York yesterday. The United States produces more than half of the copper production in the world, last year its total being 272,536 metric tons as against 492,625 tons as the world's total.' How low, in your opinion, could the price of copper go before it would reach the cost of production?

Paul Johnson, who is admitted to be one of the best practical smelting men one of the best practical smelting men in Nelson Fritzers. I believe we can produce copper in the Boundary at in British Columbia, was in Nelson Fri- a cost of 7 1-2 cents a pound."

the mining and smelting sixual soundary district, Mr. Johnson said: "The ores of the Boundary camps are "The ores of the ores of the ores of the Boundary camps are "The ores of the ores

low grade, carrying values in gold and copper. The drop of five cents in the STRENGTHENING AND HEALTH-GIVING IS THE BEST MID-WINTER MEDICINE.

> THIS IS THE SEASON WHEN THE SYSTEM SHOULD BE FORTIFIED AND THE BLOOD MADE PURE.

At this time when thousands are the future. The low-grade ore of the confined for hours each day and night Boundary can be worked at a profit in badly ventilated homes, offices only by handling it m large quantities, stores and workshops, the system We are now handling at the British Co-should be fortified and the blood thor-We are now nanding at the British Co should be forthed and the blood thor-lumbia Copper company's plant near oughly cleansed so that disease may Greenwood an average of 420 tons a be successfully resisted. day in one furnace, more than is hand- Paine's Celery Compound is the best

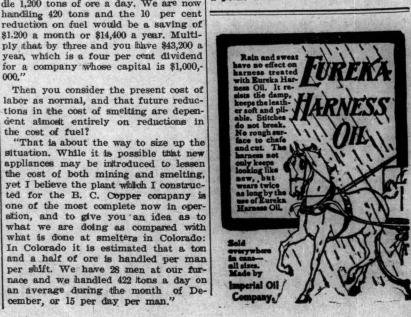
led in one furnace anywhere in the mid-winter medicine for all ailing, world; but we must handle at least weak and run down men and women. KOOLENAY RailWay & treble that quantity in order to make a it is the world's great disease ban-isher return on the capital invested." air return on the capital invested. isher and system builder. It quickly Asked as to the cost of mining and furnishes nutriment for the innumer smelting Boundary ores, Mr. Johnson able nerve fibres; it arouses the organs of digestion to brisker action; it "We hope to make reductions in the enables the wasted body to build up cost of mining and smelting our ores, so flesh and muscle, and dissipates the that the total cost will not be in excess seeds of deadly disease. To all who KASLO & SLOCAN RAILWAY CO of \$2.25 a ton. This low cost will be have sallow faces, hollow cheeks and INTERNATIONAL NAVIGATION brought about by concessions made us sunken eyes, betokening ill health, we by the Canadian Pacific railway in say use Paine's Celery Compound and freight rates on handling our ore from you will find a new and happier existthe mines to the smelter and coal and ence. New blood, fresh vim, energy coke from the Crow's Nest mines and and activity gained in January and coke ovens. Future reductions in cost February will give you a solid foundation of health for the coming spring time. Mrs. Hopper, Thornhill, Ont.,

"With very great pleasure and satisfaction I wish to add my testimony to what has already been said in favor of Paine's Celery Compound. For a very long time I suffered from general debility and run-down system. Having 10:55 a.m. arrive.Sandon.leave 1:45 p.m determined to give it a trial, and I INTERNATIONAL NAVIGATION am happy to say it has done for me more good than I can express. For ten years I doctored with other medicines "Fuel is 65 per cent of the total cost without any good results; but, after using Paine's Celery Compound, I am perfectly restored to health, can eat well, digestion is good, and my sleep is sweet and sound. Altogether, I am a new woman. I always recommend Paine's Celery Compound to my friends."

> THE LARDEAU RAILWAY. Rails Now Laid to Poplar Creek,

Twenty-three Miles up. H. F. Forrest, Dominion inspector of railways, and J. J. Sullivan, engineer in charge of the construction of C. P. R. lines, returned yesterday from the Lardo, where Mr. Forrest was inspecting that part of the which the rails have been laid, says the Nelson Miner. Mr. Sullivan states that the track is now laid as far as Poplar creek, 23 miles from the lake. The track-laying gang has been taken off and from this time on will be employed in doing riprapping on the part already finished. This inspection is not final and trains will not run regularly What is the comparative cost of labor for some time as there is little ore to come down yet, most of it being held of way and grading will be continued

Mr. Sullivan states that the spur to the Marysville smelter site is comenterprises in the southwest and in on the situation as it exists. A 10 per of J. P Vance, who was formerly in the office of Mr. Gutelius in Nelson. Another work the C. P. R. has now in hand is the building of a cutoff at Field, on the main line. The cutoff is in the nature of a betterment for though it does not shorten the route it will lessen the grade very a point where it was rather bad.



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an produce. -St. Paul Dispatch; "Prominent and discriminating people marvel at the creation of elegance and comfort wrought by the modern car

-Minneapolis Tribune. "The Pioneer Limited stands today perfect in construction, gorgeous in finish and the acme of luxury and com-

- - Minneapolis Journal The "Pioneer Limited," the only perfect train in the world, is now running daily between St. Paul and Chicago, on the Chicago, Milwaukee and St. Paul Railway.

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South Bound Regular North Bound Ports of Call. Daily Leave 7 a. m. .. Kaslo Arrive 9:20 p. m Leave 8 a. m.. Ainsworth .Ar 8:15 p. m L've 8:30 a. m. .Pilot Bay .Ar. 7:45 p.m L've 10:10 .Troup Jct., L've 6:30 p. m Ar. 10:30Nelson..... L've 6 p. m Steamer will call at Way Landings

on Signat. Steamer from Nelson leaves K. R. N. wharf, foot of Third street, for Lardo, Mondays, Wednesdays and Fri-days at 9:30 p.m., returning the same

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No. 11, west	6:55 a. m.	7:05 a. m.
No. 12. east	9:55 a. m.	10:05 a. m.
No. 2. West Bound	11:40 p. m.	
No A. Fast Bound	10:35 p: m.	10:45 p. m.
*Coeur d'Alene Branch	6:00 p. m.	7:35 a. m
Palouse & Lewiston	1:15 p. m.	9:10 a. m
*Rig Rend Special	10:05 a. m.	1:45p. m
*Tocal Freight West	5:45 p. m.	7:30 a. m
*Local Freight East	. 2:55 p. m.	7.40 a. m

*Daily except Sunday, all others daily. Sunday—Coeur d'Alene branch, leave a. m., arrive 7:30 p. m.

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2-TRAINS-2

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Cunard Line Etruria Jan. 18
Cunard Line—Ivernia Jan. 25
Cunard Line-Lucania Feb. 1
Cunard Line—Umbria Feb. 8
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White Star Line GermanicJan. 22
White Star Line—Oceanic Feb. 5
American Line-St. Louis Jan. 15
American Line-Philadelphia Jan. 22
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XPRBSS—From all points EAST, Baker City, San Francisco, Portland, Colfax, STEAMER LINES. San Francisco-Portland Route. TRAMSHIP SAILS FROM AINSWO ICK, Portland, at 8:00 p. m., and from ret Wharf, San Francisco, at 11:00 a. m.,

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& N. Co. ets at Rossland with the Cans Connects at Rossland with the Canadian Pacific railway for Boundary creed

Connects at Meyer's Falls with stage daily for Republic. Buffet service on trains between Spe-kane and Nelson. EFFECTIVE NOVEMBER 10, 1901. Day Train. 9:20 a.m. Spokane 7:15 p.m. 12:25 p.m. Rossland 4:30 p.m. 12:25 p.m. 9:40 a.m. Nelson 6:45 p.m H. P. BROWN, H. A. JACKSON, H. P. BROWN, G. F. & P. A., Agent, Rossland, B.C. No. 710 Riverside A ide Ave

Candidat

THURSDAY ..

Men Who

The ticket wi mittee present land for their next appeals t sires to see th ed by men wh peachable, who hall will be an the city will ha tion in which municipal gov stultified to se secure class re Rosslanders' is didates on the land for Agitato but those who does not rise ab advocate at th

THE The Citizens' oralty-John S known to r Miner readers, neers of the ca fancy and who is a native so born, brought har in 1893 ar 1895, two years fession. From identified activ nal and politic City. He was Ratepayers' A prior to the in cipality, and v

His record in a period of for his seat at the tive of Ward 3 mation. In 18 tested, but Mr council at the ward. In 1900 record was re now has the d elected aldern ing camp of th cessive years, and thrice at 1898, the first chairman of t committee. F years of his has officiated finance commi the city's fin manner in wh important dut but unqualifie

In addition to Mr. Clute has held the appo incial govern cient manner ed his share commissione every resident of reproach at this board tions in which several junctu Clute is a just province, and

that aimed to city and in th erally since This is the red to head th and true citi public eye as cipality for fo had it said o sion did he d from the path to his discha committed to

The candid

nently identifi

from Ward I zens' Commi ton and The of whom hav truly as men ton has been cil for two y solutely clear At the counc has been inv points arisin corporation's to all matter study such man whose the soil of interests all The service tion such mated in d dict that recognize manner on Alderman

> of the city care and sp to which t tained may measure to illton duri Hamilton's ward, has to comm ward. He cil board identified the comr the board to bear opinions terests w citizens as added som reached. B stand on

fecting th

the Fire,

last year a