NOTES ON EDUCATION.

Mr. Rickoff has been reelected Superintendent of Schools in Cleveland, and will hold the office for the next two years.

It is proposed to introduce technical education in Girard College, and plans for the same are to be immediately prepared.

The salary schedule of the Albany schools names the principal of the High School as receiving $3,000; the Professor of Latin and Greek, $2,100; and the Professor of Mathematics, $2,100.

There is a fund in Texas of $200,000 derived from the sale of public lands, and set apart for the building of a State University. Governor Roberts wishes to have one built and organized at Austin.

Mr. E. H. Long, who has for many years been Assistant Superintendent of Schools in St. Louis, has been elected to the office of Superintendent, left vacant by the retirement of Professor W. T. Harris. The School Board has adopted resolutions very complimentary to Mr. Harris.

The Boston School Board has just held a long and earnest debate in secret session over the question of electing a director of drawing. There were two ballots, on each of which Mr. Walter Smith received seven votes; as thirteen votes are necessary, Mr. Smith was not elected, and the matter was postponed until the next meeting. Boston does not seem so enthusiastic as of old over the question of drawing.

The trustees of the University of South Carolina have formally organized the College of Agriculture and Mechanics, authorized by the Legislature last Winter. Scholarships will be established and tuition will be free to all students whose parents live in the State. The president is Mr. W. P. Miles, ex-member of Congress and ex-Mayor of Charleston. Professor Le Conte will leave the University of California and return to South Carolina and become one of the faculty.

The Sacramento Union complains that the textbooks used in the schools are not calculated to afford valuable or useful information to Californian children. The geography, it says, abounds with a species of preposterous conundrums, such as "What can we say of the rivers of Nevada?" or "What can we say of the productions of California?"; the answers to these questions being generally such as would be given by people who were densely ignorant of everything on the subject it is worth while to know. This complaint might be made in States other than California.

In transferring to the Board of Trustees the property left by Mr. Leonard Case for a school of applied science in Cleveland, Mr. Case's man of business communicated the donor's opinions on the proper use of the same. First quoting Professor Huxley on the expediency of spending money lavishly on educational apparatus, libraries and the best professors instead of throwing it away on gorgeous buildings, Mr. Abbey said that Mr. Case fully concurred in the Professor's views and directed him to present them to the Board as the expression of his deliberate convictions. The Board adopted a resolution approving and concurring in these views also.

There are 5,850 colored pupils in the public schools of Washington. The number of white pupils is 11,850. At a recent meeting of the trustees it was seriously stated that a growing evil among the pupils—especially of the normal schools—was the spirit of emulation in dress. One of the board said there was a particular extravagance in sashes, and mentioned instances of pupils being called up to receive diplomas, bursting into tears because they did not have sashes. The board finally adopted a resolution recommending the pupils to observe simplicity of dress in the closing exercises of all the schools. Careless people may think such matters without the province of a school board, but there really is exceeding good sense in the action of these trustees. Poor parents are often sorely tried to dress their daughters after the unreasonable fashion of their mates at these school exhibitions. The trustees might have used one argument which they seem to have neglected—and that is the very bad taste of furbelowing young girls for a public exhibition of this sort. The more simple the dress, the more refined the person.

Principals of first grade grammar schools in Chicago are to receive $1,500, $1,600 and $1,700 respectively for the first, second and third year of their service. Head assistants in large schools, having full departments, are to have $850. Assistant teachers in grammar and primary schools will be paid as follows: In primary grades—For first year of service, $400; for second year of service, $450; for third year of service, $550; for fourth year of service, $600; for fifth and subsequent years of service, $650. The salary of the principal of the Central High School is fixed at $2,350, or $150 less than the committee recommended. Salaries of the principals of the three division high schools are made $1,930, or $45 less than recommended by the committee. Assistant teachers in high schools are rated as follows: Not more than four teachers, $1,550; not more than twelve teachers, $1,500; not more than five teachers, $1,200; not more than five teachers, $1,000; all others as salaries not to exceed $800. The salary of the Superintendent of Schools was recommended to be $3,750 by the committee, but is fixed at $3,500, or an advance of $200.

New Publications

FOREST AND STREAM.—Out TO-DAY. TWENTY-EIGHT PAGES. Contents: "Fly-fishing on the Nehigan," detailing the experiences of four Chicago lawyers on this famous river; "A Sporting Reminiscence of the War"; "Northern Michigan." Natural History: "Mr. Tame Owl"; "A Voice for the Sparrows"; "Spring Bird Notes"; "Does the Gray Squirrel Lay Up a Winter Store?" A very full and able report of the New-York Dog Show. "Our Western Letter"; "Another Camp Bed"; "Pennsylvania Squirrel-Shooting"; "Fly-fishing for Black Bass." Angling and Gunning Notes, relating many interesting experiences of sportsmen. The Department of Yachting and Canoeing is acknowledged to be the most complete and able in America. The Cricket and Archery columns are equally rich in timely matter, the latter containing an essay by Maurice Thompson on "How to Aim."

No gentleman sportsman should be without THE FOREST AND STREAM. For sale by all newsdealers and by THE FOREST AND STREAM PUBLISHING COMPANY, No. 39 Park-row.

THE LAWRENCE SPEAKER.

THE LAWRENCE SPEAKER

THE LAWRENCE SPEAKER. A selection of literary gems in prose and verse, designed for the use of colleges, schools, seminaries, literary societies and for private study, and it is also especially adapted for all persons desirous to excel in declamation and public speaking. By PHILIP LAWRENCE, Professor of Elocution and Principal of the Institutes of Elocution in New York and Philadelphia.

This work contains not only the finest productions of all authors known to fame, both prose and poetry, but also a number of anonymous pieces of the highest merit, as well as practical hints and rules to be followed by all in the study of elocution as regards articulation, modulation, emphasis and delivery. Complete in one large volume of over 600 pages, bound in half morocco. Price, $2.

THE LAWRENCE SPEAKER is published by T. B. PETERSON & BROTHERS, 306 Chestnut-st., Philadelphia, and is for sale by Professor PHILIP LAWRENCE, at his College of Elocution and Dramatic Art, No. 15 East 14th-st., New-York. Copies will be sent per mail to any one, to any place, on remitting price to either publishers or author.

THE TRIBUNE MINING DIGEST

OF STATISTICS OF

THE MINING COMPANIES OF THE UNITED STATES.

Neatly printed on a card 19x24 inches.

For sale at The Tribune Counting Room.

PRICE ONE DOLLAR.

THE WOMAN'S EXTRA.

PRACTICAL DIRECTIONS FOR FANCY WORK.

PATTERNS in KNITTING AND CROCHET.

TRIBUNE EXTRA NO. 59. Now Ready, PRICE 10 CENTS.

Containing over 50 Practical Directions in Knitting and Fancy Work, with Twenty-Three Illustrations. Tribune Extra No. 59—sent by mail for 10 cents. Address, THE TRIBUNE, New-York

"We know of no English magazine which can in any way compete with Scribner in illustrations. Its wood-cuts are supremely beautiful."—[London Graphic.

THE JUNE SCRIBNER

Contains many notable papers; among these:

THACKERAY AS A DRAUGHTSMAN,

By Russell Sturgis, with 29 reproductions of Thackeray's sketches: William Blake, Painter and Poet, by Horace E. Scudder, fully illustrated; The Dominion of Canada, by Principal Grant, of Kingston, illustrated by Henry Sandham (the second paper, covering the Political and Social History); A Year of the Exodus in Kansas, by Henry King; Spring Horticulture, by Clarence Cook, illustrated by Winslow Homer, Blum, Quartley, and others; Sun-Spots and Financial Panics, by Richard Anthony Proctor; Extracts from the Journals of Henry J. Raymond—the Philadelphia Convention of 1866; The Cypriote Inscriptions, by Isaac H. Hall, with facsimiles of inscriptions, in the Metropolitan Museum and elsewhere.

The Magnificent Historical Serial, Peter the Great, by Eugene Schuyler, illustrated (which is to be brought out in book form in five languages), and The Grandissimes, George W. Cable's superb novel, are continued.

LIFE IN FLORENCE.

is an entertaining description of life in the American colony. Additional contributions, by Earnest Ingersoll, Julia Schayer, etc. Poems by Stedman, Charles de Kay, Washington Gladden, and others. Full editorial departments.

Price $4.00 a year; 35 cents a number. For sale by all Booksellers.

SCRIBNER & CO., 743 Broadway, N. Y.

New Publications.

EMINENT ISRAELITES

OF THE NINETEENTH CENTURY.

By HENRY SAMUEL MORAIS.

Cloth, 12mo, pp. 372. Price, $2.

EDWARD STERN & CO., Publishers, Philadelphia.

LONGFELLOW'S New Poem, "Old Saint David's," appears in Lippincott's Magazine for June. Now ready.

Instruction.

For Boys and Young Men—City.

COLUMBIA COLLEGE.

SCHOOL OF ARTS.

The concluding examination of the several classes for the year will begin on

MONDAY, MAY 17, AT 9:30 A. M.

The examination of candidates for admission will begin on

WEDNESDAY, JUNE 2, AT 9:30 A. M.

Commencement at the Academy of Music on Wednesday, June 9, at 10 a. m.

SCHOOL OF MINES.

The annual examination of the several classes will begin on

MONDAY, MAY 17, AT 9:30 A. M.

The examination of candidates for admission to any one of the five regular courses, viz.: Mining Engineering, Civil Engineering, Analytical and Applied Chemistry, Geology and Palæontology, Metallurgy, will begin on

FRIDAY, JUNE 4, AT 9:30 A. M.

Commencement at the Academy of Music on Wednesday, June 9, at 10 a. m.

F. A. P. BARNARD, LL.D., President, 49th-st., Madison and 4th-aves., N. Y.

J. H. MORSE'S SCHOOL removed to 112 West 38th-st.; ONLY THIRTY PUPILS; thorough instruction and personal care; warm lunches; places may now be taken for Autumn term; two Summer pupils also taken to the seaside. References: President NOAH PORTER, Yale College. Chancellor HOWARD CROSBY, N. Y. University.

Art Schools—New-York City.

MRS. LOUISA B. CULVER

Will receive pupils in painting (landscape, flowers, still life china and decoration), at her studio, "The Relia," No. 48 East 14th-st., corner 4th-ave. Out-of-door Sketching during May and June.

References: Mr. D. Huntington, Mr. William Hart, Mr. James M. Hart, Mr. A. F. Bellows.

For Boys and Young Men—Country.

Alexander Institute, Military Boarding School, White Plains, N. Y. Principal, O. R. WILLIS, Ph. D.

BOYS and YOUNG MEN private'y fitted for college, conditioned or rejected candidates coached. Summer or Winter. Stockbridge, Mass. F. HOFFMANN.

COLLEGIATE and COMMERCIAL INSTITUTE, New-Haven, Conn., General Russell's School. Prepared for college, scientific schools or business. Thorough physical training by military drilling, gymnastics, &c. Ample opportunity for athletic games, rowing, &c.

CORNELL UNIVERSITY.—Twelve Courses lead to degrees, viz.: Agriculture, Architecture, Arts, Chemistry and Physics, Civil Engineering, Literature, Mathematics, Mechanic Arts, Natural History, Philosophy, Science, Science and Letters. Students not seeking degrees set up their own studies. Entrance examinations begin at 9 a. m. at Ithaca, June 24 and September 11, and at Chicago at the Central High School, at Cleveland at the Board of Education Building, and at Boston at the Chamney Hall school, June 15, and continue three days. For information apply to the Treasurer, Ithaca, N. Y.

IRVING INSTITUTE.—Boarding and Day School for boys; business and collegiate training. Spring term commences March 31. A. ARMAGNAC, Tarrytown, N.Y.

PEEKSKILL (N. Y. Military Academy. For circulars address Co. C. J. WRIGHT, A. M., Principal.

PENNSYLVANIA MILITARY ACADEMY. CHESTER, Penn. Civil Engineering, Chemistry, Classics and English; degrees conferred. Colonel THOS. HYATT, Pres't.

SWITHIN C. SHORTLIDGE'S annual Summer School (5th year) for Boys and Young Men, at his Academy, MEDIA (Penn.), 12 miles from Phila'delphia; study optional or studies elective for the Summer; frequent excursions, including trips to Cape May, Atlantic City, the coal regions, mineral localities, &c.; send for illustrated circular giving picture of Academy, gymnasium, etc.

For Young Ladies—Country.

AN English, French and German Boarding and Day School for young ladies, West End Institute, New-Haven, Ct. Mrs. S. L. Cady, Prin. Send for circular.

GROVE HALL, New-Haven, Conn.—Miss MONTFORT'S SCHOOL for YOUNG LADIES.

BRADFORD ACADEMY FOR YOUNG LADIES. The seventy-eighth year commences Sept. 7, 1880. For circulars apply to MISS ANNIE JOHNSON, Bradford, Mass.

MISS AIKEN'S SCHOOL, Stamford, Conn. Circulars at Lockwood's, No. 812 Broadway.

MRS. ROBERT H. GRISWOLD and Daughter's attractive HOME and SCHOOL, LYME, Conn. Special advantages for vocal music, harp, piano, guitar, drawing, painting, &c. Boarders in vacation.

HOME SCHOOL FOR GIRLS.—Waltham, Mass.; every way desirable; thorough instruction; open April 20. For prospectus address LADY HELEN DIXON, P. O. Box 2,447, Boston, Mass. New-York reference, Dr. H. T. Hanks, 45 East 30th-st.

For Both Sexes—Country.

APRIL 7.—Spring term opens at Pennington Seminary, Pennington, N. J. Thos. Hanlon, D. D., Pres.

CLAVERACK (N. Y.) COLLEGE and HUDSON RIVER INSTITUTE.—A boarding school of high rank; 14 instructors; 10 departments. Languages, Art and Music specialities. Rev. Alonzo Flack, Ph. D., President.

MAPLEWOOD INSTITUTE.—For both sexes; Concordville, Penna. $55 per quarter; students prepared for business, Yale or Harvard; first class professors. J. SHORTLIDGE, A. M., Principal.

MT. KISCO EDUCATIONAL INSTITUTE, Mt. Kisco, N. Y., for young ladies and children, will reopen Sept. 10; terms reasonable. Miss P. Hyatt, Principal.

NEWTON COLLEGIATE INSTITUTE, Newton, Sussex County, N. J., reopens September 9 for males and females; excelling healthy, excellent government and Christian influences; thorough training for any college or for business; $300 a year; send for catalogue; refer to old students: J. Floyd Stelle, LL.D.; Judge John A. Blair, Jersey City. S. S. STEVENS, A. M.

ROCKLAND COLLEGE, Nyack-on-the-Hudson, will be open for Summer Board and optional study for scholars on June 15. A most delightful home, with pleasant drives, mountain scenery, boating and salt water bathing at reasonable rates. Address W. H. BANNISTER, A. M.

SWARTHMORE COLLEGE, near Philadelphia.—Under care of Friends. Both sexes admitted and receive the same courses. College Courses—Classical, Scientific, English, Normal (Preparatory), Preparatory and Model Schools. For particulars address EDWARD H. MAGILL, President, Swarthmore, Delaware Co., Penn.

Miscellaneous

SCHOOL Properties for sale or rent.—New Summer list mailed for stamp. Schermerhorn, 30 E. 14th.

Teachers.

AMERICAN and FOREIGN TEACHERS' AGENCY supplies Colleges, Schools and Families with thoroughly competent Professors, Principals and Teachers. Families going abroad or to the country promptly suited with superior Tutors or Governesses. Call on or address Miss M. J. YOUNG, American and Foreign Teachers' Agency, 23 Union-square.

PINCKNEY'S AGENCY for SCHOOLS and TEACHERS.—Introduces to Schools and Families superior American and Foreign Teachers; for any department of Instruction. The "Index," just published, contains Teachers' Bulletin, List of School Properties for Sale or to Rent, and other valuable information—furnished for stamp.

PINCKNEY'S SCHOOL DIRECTORY, 278 pages; Parent's Edition, or special catalogue of every school on our list, free at office, or mailed for postage, 6 cents.

T. COTESWORTH PINCKNEY, Domestic Building, cor. Broadway and 14th-st., N. Y. City.

TEACHERS, ATTENTION.—Rare opportunity; Ladies' Boarding School, good will and fixtures offered; on Hudson River; very accessible; modern conveniencies; surroundings and appointments unsurpassed. Address P. O. Box 466, New-York.

TEACHERS supplied to schools and families. Miss FLORENCE FITCH, EDUCATIONAL BUREAU, basement, 27 Union-square.

Board and Rooms.

West Side.

FURNISHED ROOMS and bed rooms for housekeeping for persons of small means; no children. 271 West 12th-st.

MURRAY HILL.—Handsomely-furnished floor, four light rooms; caterer serves meals if desired; single rooms, $3. A. DAILEY, 74 West 30th-st.

WITH BOARD, in the elegant mansion (50 feet front) 245 West 14th-st., two suites of front rooms, also single rooms for gentlemen; permanent or transient.

$5 TO $7 per week for single and family rooms with board; transient $1 per day; table board, $3; having several hotels in different locations we buy largely at wholesale, hence our extraordinary low prices. Clarence Hotel, 12 Clinton-place, near Broadway.

21 AND 28 WEST 31ST-ST.—Elegant apartments; singly and en suite, with and without board; references.

44 WEST 10TH-ST., NEAR 5TH-AVE.—Handsomely furnished front rooms; first-class board for families or gentlemen; Summer prices; transient, $1.25 per day.

East Side.

A DESIRABLE suite of rooms for a single gentleman vacant June 1; parlor bedroom and three closets, light and airy, with all conveniences. 33 East 24th-st.

FURNISHED ROOMS.—For gentlemen, without board; good situation; elegant rooms; everything in first-rate order. Can be seen day or evening at 261 5th-ave.

FURNISHED ROOMS, with or without board, 109 East 28th-st., near Madison Square.

34 EAST 20TH-ST.—Second and third floor rooms for gentlemen only; references.

38 EAST 29TH ST.—With board; single room for gentlemen; reference.

139 EAST 34TH-ST.—Handsomely furnished double and single rooms, with superior board; Summer rates.

231 EAST 18TH-ST.—Large rooms with board; terms reasonable; private family; references.

Board and Rooms Wanted.

WANTED.—A sitting-room and bedroom with bath-room attached; between 24th and 59th sts., and Broadway and 4th-ave. Address Z., post office box 3,179.

MINES AND MINING.

WEDNESDAY, May 19—P. M.

The markets for mining shares to-day generally were as uninteresting as it is possible for them to be. But the monotony was somewhat relieved by the failure of an operator with contracts to receive some 10,000 shares, more or less, of different stocks, and the selling of stocks "under the rule" for his account, was made to exert an influence upon the whole list. There were many settlements made privately, but the sales under the rule included 800 shares of Hukill, 1,900 shares of American Flag, and 2,700 shares of Calaveras. Chrysolite rose from 13⅜ to 14½@14⅜. Little Chief was steady at 9½, and Silver Cliff sold at 4. Amie dropped from 1.70 to 1.50, and Leadville from 2 to 1.90. South Hite selling at 1.55@1.60. Little Pittsburg was ½ higher at 7. Hukill sold at 2@1.90@1.95, against 1.95 the closing price yesterday. Green Mountain sold, ex dividend of 7½ cents, at 3.10@3.15, against 3.20 yesterday, with the dividend on. South Bodie sold as high as 38 closing at 36, against 33 yesterday, but South Bulwer declined from 1.35 to 1.20. Consolidated Virginia sold at 3.20@3.30, against 3.35; but California was 10 cents higher at 2.40, after selling at 2.65. Calaveras declined from 80 to 70 and closed at 75. Moose was 2 cents lower at 88, Rappahannock 1 cent lower at 27, and Great Eastern 2 cents lower at 65. Central Arizona was particularly active and rose from 4 to 7¼. Standard was 1 per cent higher at 29, and Ontario was steady at 32. Horn Silver sold at 17½@17¼. The market closed strong.

N. Y. MINING STOCK EXCHANGE SALES.

SECOND CALL.—12:30 P. M.

Con Virginia		Buckeye		Findley		Great Eastern	
600	3.25	1300	.39	100	.25	500	.65
500	.sh. 3.30	500	530. .41	500	.24	Belle Isle	
50	.bc. 3.50	Calaveras		Little Chief		25	.45
100	3.25	100	.sh. .76	25	.10	500	.55
Gre'n Mount'n		200	.74	450	9.50	American Flag	
ex div	3.20	100	.73	South Bodie		800	.bs. .37
100	s30. 3.10	2500	.70	100	.sh. .34	400	1.25
500	.sh. 3.10	100	.72	Hukill		600	b28. .31
200	3.20	500	.73	600	1.95	Chenax	
Imperial		1300	.75	100	.sh. 1.95	300	2.15
100	.38	300	.74	300	.ur 2.	100	b30. 2.30
200	.37	1000	.73	200	.ur 1.95	100	2.20
500	.35	100	.72	300	.ur 1.90	100	2.25
Granville		1200	.70	Flora Silver		100	b60. 2.40
100	.19	100	.71	100	.sh. 2.50	100	b30. 2.20
Moose		100	.72	Chrysolite		Goodshaw	
500	.88	100	.ur .71	100	.bc. 14.25	100	.75
100	.87	1200	.ur .70	100	.bs. 14.50	Independence	
300	.88	3.0	.ur .72	100	14.50	100	.21
Lucerne		1000	.ur .80	100	14.50	South Bulwer	
500	b30. .19	100	.ur .80	California		100	b10. 1.30
500	b30. .20	300	.ur .78	15	.sh. 2.50	South Hite	
Bechtel		200	.ur .80	35	2.50	100	1.55
50	.sh. 1.50	100	.75			100	1.60

THIRD CALL.—2:30 P. M.

Gre'n Mount'n		Goodshaw		Leadville		Findley	
ex div	3.20	100	.76	300	1.90	500	.25
900	3.0	La Cinega		500	s60. 1.80	200	.24
100	b62. 3.35	100	.34	Green Mountain		Great Eastern	
50	3.15	500	.35	200	.b. 2.	100	.64
100	b15. 3.20	Lucerne		100	s5. 2.	200	.65
500	s30. 3.1	100	.19	100	.sh. 1.95	Little Chief	
200	3.10	Shamrock		300	1.95	100	b5. 9.50
Silver Cliff		200	.80	Thega		Imperial	
200	4.	10	.90	100	1.65	50	.39
10	4.25	Calaveras		Comet		100	.35
Amie		500	.ur .75	100	b10. 2.20	200	.37
200	b30. 1.75	100	.74	100	.bd. 2.10	Flora Silver	
100	1.70	500	.73	300	b5. 2.05	100	1.25
100	1.60	1.0	.72	Con Virginia		Chenavale	
100	1.55	900	.75	550	.sh. 3.30	50	.20
100	.s3. 1.50	Chrysolite		California		500	.16
Buckeye		200	.ur 4.37	250	2.45	Chrysolite	
100	.40	100	.ur 4.75	Crown Point		100	.bs. .27
500	.39	500	s30. 4.05	500	.56	300	.28
100	.35	200	4.75	Moose		South Bodie	
1000	b3. .40	100	14.50	100	.88	100	.36
Belle Isle		200	s3. 14.50	100	b30. .90	Chenavale	
500	.55	South Bulwer		100	.bs. .11	500	.20
		400	1.30	2500	.11		

SAN FRANCISCO CLOSING PRICES.

SAN FRANCISCO, Wednesday, May 19, 1880.

	Yesterday.	To-day.		Yesterday.	To-day.
Alpha	9¾	9¾	Leviathan	4	3¾
Allison	8	7½	Lady Washington	1¾	1
Belcher	3⅝	2⅞	Mexican	10¼	8⅝
Best and Belcher	12⅝	12⅝	Mono	2⅞	2⅝
Bullion	4¼	3⅝	Mammoth	9⅝	8
Bodie	7⅝	7½	Manhattan	4	3
Belle Isle	3	1½	Northern Belle	1½	1¼
Boston Con	1⅝	1⅝	Norcross	1⅝	1⅝
Bullwer	6⅝	6	Ophir	11¼	10⅝
Caledonia	2½	2¼	Occidental	3	3
Chollar	4⅝	3½	Overman	2¼	1⅞
Con. Virginia	3¼	3	Potosi	5	4
Crown Point	2½	2	Raymond & Ely	2⅝	2⅝
Con. Pacific	3¼	2¾	Real and Mono	1	1
Colombia	19½	19½	Sierra Nevada	15	20
Dudley	¼	¼	Sun	16⅝	17
Justice Con	19	19	Scorpion	1⅝	1⅝
Exchequer	2⅝	2¼	Silver Hill	4	4
Gould and Curry	5⅝	4⅞	Syndicate	1¼	1¼
Grand Prize	1½	1	Silver Hill	1	1
Goodshaw	12½	11½	Yellow Jacket	15⅝	15
Hale and Norcross	1¼	1	Tip Top	6	6
Imperial	1½	1½	Tuscarora	1¼	1¼
Independence	4	4	Utah Consolidated	17½	17½
Julia Consolidated	2½	2½	Wales	3	3
Justice	1¼	1½	Yellow Jacket	7½	6¾

There seems to be trouble for somebody in connection with the management of Little Chief. It is claimed on the part of the faction headed by Charles P. Shaw that a change in the management would be for the interests of the stockholders, and it is the intention of this faction to attempt a general turning out of the present officers at the meeting of trustees to be held to-day. On the other hand, the faction under the leadership of George D. Roberts claim that the "outs" are only anxious to get in, for purposes of their own, and that the movement is in the interest of a clique of stock operators, rather than that of the stockholders. At any rate, a pretty large row is imminent, should the Board meet as expected to-day. Both sides are determined to win, and neither is in a particularly good humor. It is probable that the present management is quite as efficient as any new one would prove likely to be, and the public can hardly take any great interest in the quarrel.

A meeting will be held to-day in the Boreel Building for the purpose of considering the consolidation of the mill sites and properties of the Leadville and Shamrock mining companies.

The total value of bullion shipped from Salt Lake City, May 13, was $11,822.

Work on the bottom gravels of the Spring Valley Hydraulic Gold Company is going on rapidly. One shaft is down 115 feet, and the other 95 feet. General work is proceeding satisfactorily, and the superintendent promises an early clean-up.

On May 18 the main crosscut in the Bull Domingo was in 128 feet, carrying a 28-foot ore face. The hanging wall had not then been reached.

The superintendent of the Gold Hill Consolidated (Boulder County, Colorado) has arrived at the mine and begun work on the new tunnel.

Dr. C. A. Russell, of the Carbonate Hill and Breece, will leave this city for Leadville Saturday, on a visit of inspection.

The treasurer of the Crowell Gold Mining Company states that the company expects to pay a dividend in August.

Mr. George A. Bruce, who went to Leadville in accordance with a vote of the trustees of the Little Chief, in April, to examine into the conduct and management of the mine and its affairs has reported, after a thorough investigation as follows: That the books of the company were being kept in a plain, systematic and correct manner; that purchases of lumber had been made on favorable terms, and supplies bought at market prices; and that generally the affairs of the mine were being economically managed. He commends the vigor and rapidity with which the mine had been worked, and thinks the value of the property had been greatly increased. He recommends the sale of the Little Chief smelter, believing that the company should attend to the business of mining alone. Mr. Bruce concludes by saying: "After a personal examination of the company's property I have a higher opinion than before of its great value. I believe the Little Chief mine will realize the expectations of those who have invested their money in it." A special dispatch to THE TRIBUNE, dated yesterday, says: "Little Chief to-day made the largest ore shipment on record here—232 tons."

A telegram from Walter J. Welsh to W. F. Leon, of the Barcelona, received yesterday, says: "Average from thirteen assays from the ore I took out of Barcelona $196 per ton. You can sell stock at Austin and Belmont if you want to do so."

Professor Mott makes an interesting report concerning the Robertson Electric Ore Reduction process, which will be found in another column.

The main shaft on the Wyandotte is down 340 feet, and the 222 foot level is now in 150 feet. This level is to connect with the main shaft on the Crawford lode Southwest of the Wyandotte. The latter shaft is down 150 feet, having cut a 3-foot body of good smelting ore. A 350-foot level is to be run from the Wyandotte shaft. The company will soon be taking out ore in paying quantity.

The Denver and Rio Grande Extension Company are now employing about 2,000 men on their Leadville extension and 1,500 on the Silverton and San Juan extension.

The superintendent of the Silver Era (Globe District) reports rich developments, and recommends the immediate erection of a ten-stamp mill. He states that several series of assays recently made, gave an average of $500 per ton.

The Olsen Mining Company, capital, $2,000,000; 200,000 shares; par value, $10 each, has issued its prospectus. The officers are: President, the Hon. Milton S. Latham; vice-president, D. F. Verdenal; treasurer, Elisha Riggs; secretary, A. T. Beach; superintendent, S. O. Brown. The trustees are: Elisha Riggs, Milton S. Latham, Ezra White, J. W. Gashwiler, C. X. Holbs, D. F. Verdenal and Isidor Wormser. The property of the company consists of a mining location, 1,500 feet long by 600 feet wide, twenty-five miles southwest of Sonora, Tuolumne County, Cal. Development work thus far done consists principally of a main working shaft, 116 feet deep, with several drifts and levels. The width of the vein is fully ten feet. The average ore taken from these workings has yielded from $27 to $96 per ton, averaging about $45 per ton of gold and silver. The ore in sight is estimated at 7,000 tons, of a good milling grade, representing in gross value $255,850, or net $198,000. Hoisting works, a 10-stamp mill, and other appliances will cost $21,000. A 10-stamp mill can reduce twenty-five tons of ore per day. The above figures are based upon the report of Mr. Thomas Price. J. O. Brown and Mr. J. W. Gashwiler have made equally favorable reports, which are embraced in the prospectus. The company propose to make the necessary improvements at once in order to open up and work the mine.

The prospectus of the Battle Creek Gold Gravel Mining Company has been received. This company has been organized with a capital of $5,000,000, in 200,000 shares of $25 each. The officers are Elisha Riggs, president; Henry Havemeyer, vice-president; A. Smedburg, secretary. The trustees are, in addition to the gentlemen above named, Milton S. Latham and J. W. Gashwiler. The mines owned by the company are located in Custer County, Dakota (Black Hills), and comprise about 1,000 acres of auriferous gravel. The pay gravel extends for nine miles along Battle Creek, upon either side, and has an average depth of about thirty feet. The great body of gravel will yield an average of 75 cents per cubic yard, while the 12-foot stratum above the "bedrock," will yield from $1 50 to $5 per cubic yard. The company own the water rights to the entire flow of Iron and Battle Creeks, which can furnish 2,000 miners' inches of water for nine months in the year, and with reservoirs built upon the sites owned the supply can be increased to 3,000 inches. Ditches and dams are under way, and when these with other contemplated improvements are completed, at a cost of $75,000, it is estimated that a net yield of $712,000 per annum can easily be obtained. Accompanying the prospectus are favorable reports from John Rigby, M. E., Captain J. D. Wooden, A. Nyswanger, F. A. Babcock, George Atchison, Palmer Smith, C. W. Tozer and A. J. Simmons.

Concerning the proposed narrow gauge road from Salt Lake City over the Wasatch Range to Park City, and thence to the Weber coal fields, *The Denver Tribune* of May 13 says: "We understand that contracts for a portion of the grading are already made, and that the work will be vigorously pushed during the coming season. If properly managed the road cannot fail to pay a handsome profit in legitimate earnings." The only present railroad outlet from the Weber district to Salt Lake City is by the Union Pacific, via Ogden and the Utah Central Railroad. The distance by this route from the coal fields to Salt Lake City is about 100 miles. The new road is laid out to run through Weber canon direct to Salt Lake City, a distance of about 40 miles. The freight charge on coal per ton by the present route is $7, while the new company, if is stated, will charge but $4 per ton.

Mining.

THE ROBERTSON PROCESS.

Report of Professor Henry A. Mott, Jr., on the Robertson Electric ore Reduction Company's Process.

It is a well known fact that the country abounds in refractory or reckluous ores, such as the many classes of sulphi des, telurides, arsenides, etc., containing silver and gold, but owing to the nature of the impurities present the separation of the precious metals becomes a matter of great difficulty and expense; in fact, the proper treatment of such ores has been a problem occupying the attention of experts for years. The solution of this problem has only recently been accomplished by Mr. John A. Robertson, a practical metallurgist of large experience. I have had occasion to examine into the merits of the "Robertson Process," and can state, when the process is properly conducted, results are obtained superior to those obtained by any other process offered to the public.

The ore is by this process, in powder, the size of a hickory nut, gradually heated in a furnace up to a cherry red heat, when it is in a condition to be dropped into a cold bath of chloride of sodium, sulphate of copper and cyanide of potassium. The object of the preliminary heat is to expel from the ore any sulphur it may contain, as sulphurous acid, and the heat is so graduated that the operation takes, for three tons of ore, about one hour to one hour and a half to bring it to a red heat—depending, of course, upon the amount of sulphur present. The expulsion of the sulphur prevents any "flouring" or "chilling" of the mercury in the amalgamating process. The rapid ore on falling into the cold bath contracts, but immediately expands as the solution becomes heated and penetrates into the interior of the ore. The contraction and expansion take place simultaneously, so that the ore, so that it may be easily disintegrated to a powder by rubbing in the hand.

When ground to a powder, which requires thirty minutes, about five pounds of mercury to the ton of ore are added, and the whole is made into a pulp by adding water, when it is ready to be amalgamated in the usual manner. The amount of mercury used in other processes is thus cut in three pounds instead of ten, while the loss by this process is almost impossible. The amount of cyanide of copper also is cut down to one pound instead of three, and the loss of cyanide is reduced from one pound to half a pound per ton. The loss of quicksilver, however, is so small that the expense is trifling. Experiments have not been made to determine the loss of cyanide, but it is certain that it is very small. The ore is not heated so much as to melt the silica, the temperature being kept below the point at which the silica would be fused, and the ore is not roasted, as is the case when other processes are employed. The ore is not ground to a powder, which is an important point, as it is well known that the finer the powder the more difficult it is to separate the mercury from the ore. The ore is not roasted, which is an important point, as it is well known that roasting ores is a very costly process, and that it is a difficult matter to get the mercury to amalgamate after roasting. I have made use of the "Robertson Process" in recommending it to the public as the process most adapted to the treatment of the ores in question, and I feel confident that it will prove a success, and will be found to be the most economical and efficient process for the treatment of the ores in question and which is now in use.

(signed) HENRY A. MOTT, JR., E. M., PH. D.
Mining Engineer and Analytical Chemist,
17 Wall-st., New-York.

ALTA MONTANA COMPANY, WICKES, MONTANA. Capital, $5,000,000; shares, 50,000; Unassessable. Present price, 33.00. OFFICERS—President, W. W. Wickes; Vice President, Michael Snow; Secretary, B. F. Brooke. DIRECTORS—W. W. Wickes, A. S. Barnes, Alanson Trask, L. M. Sheldon, Michael Snow, New York; S. T. Hauser, Colo Sanders, Montana. OFFICE, 16 AND 18 WALL STREET.

AMIE CONSOLIDATED MINING CO., OF LEADVILLE, COLORADO. Organized under the laws of New-York. Capital stock, $5,000,000; 500,000 shares; par value, $10. Shares full paid and unassessable. OFFICERS: W. W. MacFarland, President. P. B. Plumb, Vice-President. Aug. Eberly, secty and treas. J. T. Home, Supt. of Mines. TRUSTEES: B. C. Keiser, S. B. Elkins, W. W. MacFarland, A. W. Gill, P. B. Plumb, Charles G. Francklyn, Frank Brown. Registrar of Transfers, Union Trust Co., N. Y. Office, No. 115 Broadway (Boreel Building), New-York.

BASSICK MINING COMPANY, LOCATION OF MINE, ROSITA, COLORADO. Capital stock, $10,000,000; in 100,000 shares; par value, $100. OFFICERS AND DIRECTORS: FRANK G. BROWN, President. DENNIS RYAN, Vice-President. WILLIAM S. HOYT, Treasurer. HENRY CUMMINS, Secretary. E. C. BASSICK. Principal office, No. 44 Wall-st., New-York.

BREECE MINING COMPANY, LEADVILLE, COLORADO. Offices, 4 and 6 Pine-st., New-York. Capital, $5,000,000—200,000 shares; par value, $25 each. Trustees—