

ous teas, including P'u-erh tea, made and brick teas, compressed from tea dust; Lao tea, used only for chewing, and Leppett tea, a pickled tea eaten with the food. Since the important discovery of seedling sugar-canes at Barbadoes, a seedling from Kew has yielded excellent results in Queensland. The highland coffee of Sierra Leone has been pointed out as a possible rival of the Arabian coffee; and mention of the Jarrah timber of Australia has brought this into use as a durable paving. Many little known drugs—including seeds used in Mexico as an intoxicant—have been investigated.

Italian physicians seem to be convinced that the long-sought remedy for pulmonary consumption has at last been found in Dr. Maragliano's serum. Dr. De Renzi, of Naples university, reports 44 cures in his hospital practice, with even greater success among his private patients.

It appears that the "personal equation" in scientific work may be literally a matter of personal magnetism. A French account states that a certain person exerts a magnetic influence toward a galvanometer needle, which is deflected first one way and then the other as this person turns himself before it while completely undressed. Numerous repetitions of the experiment have given the same result. A dozen other persons had not the slightest effect on the needle; but another human magnet was discovered in Murani, an Italian professor, whose breast is a magnetic north pole while his back is a south pole. This peculiar quality clearly unfits its possessor for making delicate galvanometer measurements.

For many years surgical canthers have been made depending on the curious property of fine platinum wire of remaining incandescent under the influence of hydrocarbon vapors, and an attempt was long ago made to apply the principle to illumination. A portable luminous projector is the new idea of M. Brenot, a maker of surgical instruments. The apparatus consists of a small sphere of platinum gauze, placed in the center of a metallic reflector, with a hollow handle containing a gasoline-saturated sponge through which air is forced from a rubber bulb or compressed air reservoir. The proportions of air and vapor can be varied until the maximum effect is produced. One form of apparatus includes a knapsack air reservoir, and with a 9-inch reflector a surface of 40 square yards is brightly lighted up at a distance of more than 200 yards. Such a light is expected to prove especially useful in military and detective operations.

A French bread-making process consisting in soaking the grain, and passing it successively through a crushing and a kneading machine, which convert it directly into dough. This contains the full nutritive value of the grain, and, it is claimed, can be kept indefinitely.

Some metal-backed glass mirrors of the third or fourth century have been investigated by M. Berthelot. They are of Gallo-Roman origin, and the backing is of lead, which seems to have been applied in a molten state.

Peru balsam with nine times its weight of collodion is advised by Prof. Klein as an elastic and waterproof coating for small wounds.

STAR VALLEY CONFERENCE.

The quarterly conference of the Star Valley Stake of Zion convened in Af-ton ward meeting house on Saturday and Sunday, November 13th and 14th, 1897. Elder George Osmond presiding. There were present on the stand during conference the presidency of the

Stake, George Osmond, William W. Burton and Anson V. Call, several Bishops, High Councilors, Patriarchs and other presiding brethren of the Stake were also in attendance.

On account of bad roads and rainy unpleasant weather the meetings on Saturday were rather small, but on Sunday the meetings were well attended.

The speakers were all anxious to see the Saints united, and to that end they exhorted the Saints to greater diligence in the discharge of their duties. The teachings were very good. We had a rich outpouring of the Holy Spirit during conference and all felt amply repaid for attending meetings.

The general authorities of the Church were all sustained by the conference.

The various wards with their organizations were duly represented by the Bishops or their counselors as being in a very favorable condition.

The health of the people is good and they are enjoying the blessings of God, for which we thank him continually.

W. H. KENNINGTON,
Stake Clerk.

VOTE FOR COUNCILMEN.

Following is the corrected vote cast for city councilmen in the respective municipal wards according to the official canvass which was completed Tuesday.

FIRST MUNICIPAL WARD.

Precinct.	F. J. Hewitt (N. P.)	Geo. T. Hines (N. P.)	Adam Speirs (N. P.)	Wm. F. Gray (P.)	W. A. Hughes (P.)	Geo. Klugborn (P.)	John Sildown (D.)	G. S. Kinney (D.)	E. M. Waller (D.)	H. V. Van Pelt (R.)	Harrison Speirs (R.)	Geo. Bueche (R.)
1	87	88	89	90	91	92	93	94	95	96	97	98
2	99	100	101	102	103	104	105	106	107	108	109	110
3	111	112	113	114	115	116	117	118	119	120	121	122
4	123	124	125	126	127	128	129	130	131	132	133	134
5	135	136	137	138	139	140	141	142	143	144	145	146
6	147	148	149	150	151	152	153	154	155	156	157	158
7	159	160	161	162	163	164	165	166	167	168	169	170
8	171	172	173	174	175	176	177	178	179	180	181	182
9	183	184	185	186	187	188	189	190	191	192	193	194
10	195	196	197	198	199	200	201	202	203	204	205	206
11	207	208	209	210	211	212	213	214	215	216	217	218
Total	1212	978	961	1097	910	1070	131	180	138	811	647	900

SECOND MUNICIPAL WARD.

Precinct.	H. Wallace (N. P.)	E. Gullifer (N. P.)	John C. Cutler (N. P.)	L. S. Whitehead (P.)	James Thomson (P.)	T. F. Grubbs (P.)	H. D. Folson (D.)	John Allen (D.)	H. Wallace (D. & N. P.)	Geo. Canine (R.)	John N. Courtney (R.)	E. H. Gulliver (R. & N. P.)
12	101	65	73	77	97	69	10	12	13	108	67	70
13	65	74	60	62	63	52	15	14	18	86	77	70
14	42	87	47	51	64	49	15	15	12	91	86	89
15	63	75	48	67	56	44	34	22	32	24	29	28
16	63	68	63	65	67	66	36	41	33	25	29	28
17	45	48	47	51	61	47	9	10	7	108	95	89
18	46	37	37	73	71	62	6	6	8	83	83	86
19	63	57	46	39	35	37	5	5	9	86	85	83
20	74	72	72	76	73	8	5	5	3	62	129	142
21	117	71	79	111	94	23	24	25	51	136		
22	48	54	58	64	65	78	35	24	26	81	74	73
23	41	50	54	78	77	75	20	17	14	43	42	44
24	71	45	71	89	80	57	16	11	17	39		
*25												
Total	1628	817	850	1783	1096	921	233	221	229	928		

*Thrown out.

The total vote for Callister includes Citizens and Republican vote, and the total for Wallace includes Citizens and Democratic vote.

THIRD MUNICIPAL WARD.

Precinct.	W. J. Lewis (N. P.)	W. A. Hodges (N. P.)	J. A. Silver (N. P.)	K. W. Reese (P.)	P. M. Aldrich (P.)	Adolph Haenrich (P.)	A. B. Margetta (D.)	F. S. Fernstrom (D.)	A. F. Barnes (D.)	Wm. McMillan (R.)	Arthur Parsons (R.)	W. M. Elliott (R.)
27	62	59	54	121	36	92	11	10	9	10	56	43
28	52	42	47	128	61	99	15	15	11	11	105	82
29	53	50	50	116	92	116	15	11	11	105	84	103
30	78	135	88	120	85	81	4	5	5	49	65	65
31	99	147	104	99	77	85	4	5	5	49	65	80
32	74	128	94	130	114	115	10	10	10	48	49	77
33	84	82	103	122	94	105	9	8	9	96	84	96
34												
35												
36	57	39	36	81	82	63	6	3	4	35	40	44
Total	612	786	636	1049	817	825	82	70	70	611	529	678

*Thrown out.

FOURTH MUNICIPAL WARD.

Precinct.	F. A. Grant (N. P.)	Robert Patrick (N. P.)	Geo. Ramsey (N. P.)	L. H. Gray (P.)	A. L. Bruce (P.)	J. P. Finkbein (P.)	Edgar Howe (D.)	D. W. James (D.)	H. M. Dinwiddie (D.)	T. E. Harper (R.)	J. D. Spencer (R.)	W. T. Whitely (R.)
37	16	68	46	89	78	99	74	68	72	73	123	123
38	40	85	89	87	86	83	145	91	91	184	156	137
39	71	77	87	86	82	81	153	153	153	168	132	119
40	71	77	87	86	82	81	153	153	153	168	132	119
41	71	77	87	86	82	81	153	153	153	168	132	119
42	71	77	87	86	82	81	153	153	153	168	132	119
Total	472	642	400	767	618	768	96	88	92	971	795	707

FIFTH MUNICIPAL WARD.

Precinct.	Theodore Meyer (N. P.)	F. J. Fabian (N. P.)	George T. Odell (N. P.)	L. E. Ritter (P.)	Charles Vason (P.)	T. J. Hanley (P.)	Guarato Kreeger (D.)	Robert Morris (D.)	T. V. Williams (D.)	A. A. Robertson (R.)	J. L. Maginnis (R.)	Chris Diehl (R.)
44	81	56	63	74	63	40	4	4	5	4	4	4
45	69	60	63	49	83	40	17	17	17	78	69	66
46	72	59	95	99	149	62	17	17	17	78	69	66
47	94	50	59	50	88	48	17	17	17	78	69	66
48	131	60	71	104	89	71	17	17	17	78	69	66
49	118	75	75	83	82	71	17	17	17	78	69	66
50	83	62	65	73	76	56	17	17	17	78	69	66
51	131	115	112	90	88	92	17	17	17	78	69	66
52	108	122	111	80	66	89	17	17	17	78	69	66
Total	887	659	741	702	788	603	102	80	89	610	580	472

SEVIER COUNTY ITEMS.

Elsinore, Nov. 18.—A new four-roomed schoolhouse is in contemplation here. The excavation for the foundation is made and is now taking the cold water cure, being filled with water for the purpose of settling the ground upon which the building will be erected next summer. This treatment of the soil has been found, through many years of experience, to be necessary on this city's site, on account of the sinking of the soil. T. T. Davis, the Provo architect, has the work in hand.

They have a very useful and inexpensive water system in operation here, for their domestic use. They are also interested, with the balance of the inhabitants of this county, in the outlay of near upon thirty thousand dollars, for the construction of a reservoir and the purchase of about fifteen hundred acres of land, fifty miles away, in Grass valley, where the dam will be constructed across the east branch of the Sevier river, which will flood a dis-