THE EVENING NEWS.

Wednesday, - - February 5, 1873.

First Prize Essay.

An Essay on Apiculture, by George B. Bailey, Mill Creek.

Written for the Deseret Agricultural and Manufacturing Society, 1872.

[CONTINUED.]

I recommend every bee-keeper to keep a journal or record, also to number the hives, that they may be known, also the age of queen when divided, how much surplus honey given, and other items. It will be a sure reference at any time, and save the apiarian much unnecessary trouble. You may regulate the raising of drones by removing the frame containing drone comb to the outside frame of the hive, to be filled with honey, or place it in your hive containing your purest Italian bees, to raise pure Italian drones to mate with your virgin queens. This plan will improve your stock of bees instead of allowing them to make misalliances by mating with a dark colored drone, for I consider that the male or drone bee has more to do with keeping the Italian stock pure than the female or queen bee. There are too many drones raised to be of profit to the apiarian. In an apiary of from twenty to one hundred hives, the drones raised in two hives are all that are needed. Therefore it is a waste of honey to raise and fatten a lot of drones to be destroyed by the bees in the fall, for the worker bees will not let them board with them all winter to eat up their stores, as they have done through the summer. Drones, in honey gathering time, are treated as privileged characters, for they will enter and be received kindly in any hive throughout the apiary. If you have too much drone comb cut it out of the frames in the brood chamber and place it in the surplus honey boxes or frames to entice the bees to work and store their surplus honey instead of lying around the entrance idle, for sometimes it is difficult to get them to work in top or side honey boxes.

Another item in favor of the moveable comb hive is that if a colony is weak you can strengthen it by giving it one, two, or three combs of brood, bee bread, or honey, whichever it needs, from a strong colony, and thus equalize your bees.

ARTIFICIAL SWARMING OR DIVIDING

can be accomplished, and much needless waste of time be saved in watching and waiting for the bees to swarm naturally, if you take a fumigator, fill it with dry catnip or peppermint, light one end of it, and blow two or three puffs of the smoke into the entrance of the hive (a roll of rags or a dry chunk of rotten wood will answer the same as the fumigator), to subdue the bees. Then take your new hive, of the same size as the hives your bees are in; for instance, if you have four hives with bees in them, take one or two frames from the center of the hive No. 1, and place them in the new hive with all the bees remaining on or adhering to the comb, sprinkle them with a little honey water and the essence of peppermint or nutmegs, to prevent them from fighting, place frames of empty comb or empty frames in No. 1 and close it. Open No. 2 and serve it the same, also No.'s 3 and 4. Thus you have from six to eight combs of bees and brood with honey in your new hive, and have not weakened your hives to their detriment. Most of the old bees on their first flight will return to their own hive from which they were taken, and leave a swarm of young bees in the new hive to raise themselves a queen. If you have a queen cell or a surplus queen, by giving it to the bees on the next day you will save much time and have the new swarm in one week as good as any hive or colony in your apiary. You may repeat this operation as fast as they refill those empty frames you gave them. It all depends upon the season, the length of time intervening between making the swarms. Some seasons they will fill these frames in less than one week, if honey is plenty out of doors. To divide your bees in the middle of the day, do as I have recommended above, only as you take out the frames brush off all the bees from the frames into their own hives, place the combs into your new hive, remove your strongest colony away one rod, place your new hive in its stead, and all the returning bees from the field will enter the new hive and carry on the work of feeding the brood, raising the queen, &c. In all of your operations be sure not to remove your queen from her own home. But if you want surplus honey, keep your colony or colonies very strong in numbers. Do not let them store too much honey in the brood chambers to cramp or curtail the queen in her dominions, for if young bees are not raised inside of the hive to take the place of those that die and are lost in the fields, your hive will dwindle and become useless for gathering surplus honey, hence the necessity of using the honey extractor to remove the honey stored in the combs in the brood chamber, and by returning those extracted combs to the hive the queen will fill most of those combs with eggs before the workers have time to fill them with honey, thus keeping up the strength of your colonies. The honey extractor is a machine, invented by Major Von Hruska, to empty the combs of the honey without breakage, so that the comb can be used repeatedly to be refilled with honey or brood, which is a great saving of labor to the bees and profit to the apiarian, also producing a superior quality of honey, free from the mixture of the melted old comb and the bitter bee bread and very often dead bees. There are several styles of mell or honey extractors, all made on the centrifugal force principle. I have used this season the geared machine of Messrs. Gray & Winder, and have extracted three thousand five hundred and fifty pounds for myself and neighbors, and I can say that it has been a great benefit to the colonies, besides a profit in honey to the bee keepers.

To make bee keeping profitable, as well as a pleasure, you must subscribe for and read the bee journals, and learn from the experience of others many things that will be of profit and advantage to you.

FRANK'S DANCING ACADEMY!
CLAWSON'S HALL 1st south-st.
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Children's Slippers.
For Fine Weather or Stormy Weather, for Walking, Dancing, Working, Sparking, Climbing Riding, Fishing, Mining, Etc., Etc.
A large and choice assortment of the above, our own make and imported at the most reasonable prices.
WE MAKE TO ORDER.
Any Style and Quality Desired,
AND INSURE SATISFACTION.
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Made as good as New—almost.
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The Balance of our Stock of
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☞ The Chicago Relief Committee furnished sufferers by the Fire to March 20, 1873, 3,844, 3,151 SINGER MACHINES, all other makes, 793. Applicants made their selection, with same discount on all.
Our Sales in Utah exceed any other House in the Sewing Machine line this side of Chicago.
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It attracts general attention and admiration.
We also desire you to see our
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On and after Dec. 20, 1872,
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WILL LEAVE THE
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Salt Lake City at 7 a m and 2.30 p m
Arrive at Lehi at 9 a m and 4.30 p m
Leave Lehi at 9.30 a m and 5 p m
Arrive at S L City at 11.30 a m and 7 p m
In addition to the above
MIXED TRAINS
Will run Daily, Sundays Excepted,
LEAVING THE
UTAH CENTRAL R. R. DEPOT,
Salt Lake City at 1 p m, and Lehi at 6 a m.
Passengers will please purchase tickets at the Office. Fifty Cents additional will be charged when the Fare is collected on the Train.
For all information concerning Freight or Passage, apply to
JAMES SHARP,
General Freight and Ticket Agent.
JOHN SHARP,
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d243 tf

UTAH CENTRAL RAILROAD!
Pioneer Line of Utah.

On and after December 20, 1872,
DAILY TRAINS
Leave Salt Lake City at 5 a m and 2.45 p m
Arrive at Ogden at 7 a m and 4.45 p m.
Leave Ogden at 8 a m and 5.50 p m.
Arrive at Salt Lake City at 10 a m and 7.30 p m.
In addition to the above,
MIXED TRAINS
WILL RUN DAILY,
Sundays Excepted.
Leaving Salt Lake City at 8 a m and 5.30 p m, and Ogden at 5 a m and 5.50 p m.
Passengers will please purchase their tickets at the offices. Fifty cents additional will be charged when the fare is collected on the train.
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Also leave Corinne, Utah, daily, running North to
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ON AND AFTER SEPTEMBER 16TH, 1872, Trains will leave OGDEN daily as follows:
Overland Passenger Train for Toano, Battle Mountain, Wadsworth, Reno, Carson, Redding (for Genoa), Sacramento, Stockton, Lathrop, Merced (for Yosemite), Tipton (for Los Angeles), San Jose and San Francisco.....5.20 p m.
Oakland Freight and Accommodation Train for San Francisco.....
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ON AND AFTER February 1, 1873, DAILY TRAINS
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Arrive at Mendon.....9.50 p. m.
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Leave Logan at.....9.00 a. m.
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" " Brigham at.....12.25 p. m.
to connect with trains from Ogden and Salt Lake.
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Trains Run on Salt Lake Time.
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☞ Passengers will please purchase their Tickets at the Office. ☜
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And we point with pride to the fact that no man in Utah can say that either of these firms has not done the Square Thing on their Warranty.
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