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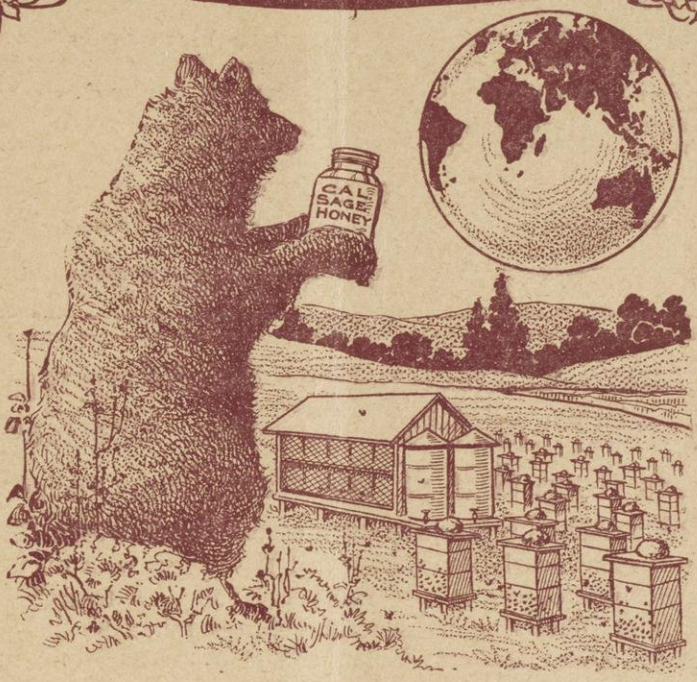
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P119

VOL. V.

MARCH, 1902

NO. 3

THE PACIFIC BEE JOURNAL



The Pacific Honey Producers incorporate
for \$50,000
The Californian Bear Changes Tactics
Gallup's Bee-Keeping Experiences
The Mystery of Encino Canyon

Texas Queens from the Lone Star Apiaries

G. F. DAVIDSON & SON, Props.

Have made great preparations for the coming season to accommodate their many customers with either

Long Tongue, Imported Stock or Golden Queens

They have bought out the Queen-rearing business of O. P. Hyde & Son of Hutton, Texas, and by buying more bees and increasing their number of nuclei they are better prepared than ever to cater to the trade of the bee-keeping public.

One of Root's Long-Tongue Breeders Imported Stock Direct from Italy Goldens from Leading Queen Breeders

Fine breeders of each of the above have been added to their yards. Safe arrival and satisfaction guaranteed. Send for Queen circular and price list.

G. F. DAVIDSON & SON
Floresville, Texas

P. O. Box 190

“Colorado’s Characteristics; the Advantages of Irrigation; and How Western Bee-Keeping Differs from that of the East,” is the title of a six-page editorial in the January issue of the Bee-Keepers’ Review.

The editor spent nearly two weeks, last November, with his camera among the bee-keepers of Colorado; and this “write-up” is the result. It is illustrated by several pictures taken by the editor, showing the mountains, alfalfa fields, “ricks” of alfalfa hay, herds of cattle, apiaries, hives, etc. Mr. M. A. Gill, who last year managed 700 colonies in Colorado producing two carloads of comb honey, begins a series of articles in this issue. His first article is on “Hive Covers,” and is the best of anything that has yet appeared on that subject.

Send ten cents for this issue, and with it will be sent two other late but different issues. A coupon will be sent entitling the holder to the Review one year for only 90 cents.

With these copies of the Review will be sent an offer whereby 12 back numbers of the Review may be secured entirely free; and the first few who accept this offer will get, as those back numbers, the volume for 1901 complete.

W. Z. Hutchinson, Flint, Mich.

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F. W. Braun & Co.

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We are extensive makers of Comb. Foundation for process of cleansing wax, making it clear and transparent, using no acids, is so satisfactory to many large users that they prefer it, and state that *whatever the process we get the results*, a foundation readily worked by the Bees, yet it is strong, with no sagging or breaking, is workable at all times, being pliable. No burnt or bad wax used, the best yellow wax is selected and cleansed with hot water and steam.

Carefully trimmed straight with cells, and packed in tissue paper.

Bacedon Wax at 25c, per lb.

	Size Sheet	Sheet to lb.	10 lb.	25 lb.	100 lb.
Med. Brood	7 $\frac{3}{4}$ x 16 $\frac{3}{4}$	7	40	3 $\frac{3}{8}$	36
Light "	7 $\frac{3}{4}$ x 16 $\frac{3}{4}$	8	42	40	38
Thin Super	3 $\frac{3}{8}$ x 15 $\frac{1}{2}$	26	47	45	42
Extra Thin	3 $\frac{3}{8}$ x 15 $\frac{1}{2}$	30	51	50	47

Wax worked up per 100 lb, price per lb: Med. Brood, 9c; Light Brood, 10c; Thin Super, 15c; Extra Thin Super, 20c. Same process and care as with regular stock.

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(Weed's Process of Sheetting)

We shall ship each month large quantities of wax to be made up by Chas. Dadant & Sons, the celebrated makers, who, after years of unparalleled success, are considered the standard; whose success in cleansing wax without acids of all foreign substances, such as pollen, bee glue, dirt, iron, burnt wax and soot, making foundations bright and clear.

Foundation is always regular, ton after ton. Southern California knows Dadant's foundation. Large lots were used in Los Angeles, Riverside and San Diego countries last year. Users will have no other, nothing just as good.

	Size Sheet	6 ft.	8 ft.	10 ft.	12 ft.	10 lb.	25 lb.	50 lb.
Med. Brood	8 x 16 $\frac{3}{4}$	44	46	51	55	44	43	42
Light Brood	8 x 16 $\frac{3}{4}$	46	45	50	52	45	45	44
Thin Super	8 x 16 $\frac{3}{4}$	51	50	48	48	51	50	48
Extra Thin	7 x 16 $\frac{3}{4}$	55	55	55	52	55	55	52

Price per mail prepaid, per lb... Med. Super Thin 70 75 80

We will exchange Dadant's foundation for good clean wax, charging the wholesale rates of making up, per 100 lb lots.

Med. Brood, 10c per lb; Light Brood, 12; Thin Super, 20c; Extra Thin Super, 25c.

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Paint your Bee Hives with



The Standard Cold Water Paint

Brilliant white & colors. Furnished in powder form

Absolutely Fire Proof

MIX WITH COLD WATER
AND IT'S READY FOR USE

Will last as long and 75 per cent cheaper than Oil
Paints. SEND FOR COLOR CARD.

Paraffine Paint Co.

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Bees Wanted

Colorado,
Utah and
Arizona

Are getting the bee fever badly. They haven't bees enough at home and will take all the Bees California will sell. If you are afraid of a dry year, or have more Bees than you need let us sell them for you in this new market.

We have unexcelled opportunities for doing this kind of business, and our commissions are reasonable.

Write and get full information. Address

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Queen Circulars
Letterheads

All kinds of Printing for the Bee Keeper. Our own shop and our own prices. A pretty letter head, a fancy label, go a long way toward selling Honey.

The Pacific Bee Journal
237 East Fourth Street Los Angeles

OUR 1902 BEE SUPPLIES ARE HERE

A carload of sections and a full line of other supplies. The Bingham Bee Smoker, \$1.25. The Silk Bee Vail, 50c. 2 x 4 frame Cowan Honey Extractors, Wax Extractors. All kinds of Storage Honey Tanks. Uncapping Cans.

Visitors say, "Your stock is pleasing, you surely have everything."

We are makers of all kinds and styles of Bee Hives. All difficult and particular jobs are brought to us. We make to order the Merriam Hive, Gallup Hive, $\frac{3}{4}$ Langstroth, and all their variations.

A 32-page catalogue, with 16 pages on Queens, Foundation, Building Up, Diseases, Moving, Product, Package, Markets and Profits. free for the asking.

BENNETT BEE HIVE CO., 237 E. Fourth St., Los Angeles, Cal.

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Tennessee Queens

Fine lot of choice tested Queens reared last season, daughters of select imported, and select five-band Queens, reared 3/4 miles apart, and mated to select drones. Straight five band, and the VERY BEST three-band breeders \$5.00 each; select golden and three-band tested, \$3.00 each; tested, \$1.50 each. Untested warranted Queens from same breeders, 75c each.

No bees owned within 2 1/4 miles of these yards, none impure nearer than 3, and but few within 5 miles. No disease. Safe arrival guaranteed 29 years' experience. Discounts on large orders. Contracts with dealers a specialty.

JOHN M. DAVIS

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BOX SHOOKS

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ROTH HAMILTON

Cash Buyer of Honey

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Room 304

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APICULTURE ESTABLISHMENT

(ESTABLISHED IN 1860)

For the Rearing and Export of Queen Bees

PURE SELECTED ITALIAN KIND

Cav. Prof. PIETRO PILATI

VIA MAZZINI No. 70 BOLOGNA (ITALY)

PRICE LIST

	March	June	September
	April	July	October
	May	August	November
1 Tested Queen	\$ 1.75	\$ 1.25	\$ 1.00
6 " Queens	9.25	7.00	5.75
12 " "	18.00	14.00	10.00

The ordination must be united with the payment which shall be effected by means of post-money-orders.

The addresses and rail-way stations are desired exact, and in a clear hand writing.

If by chance a Queen Bee dies upon the journey, it must be returned, accompanied with a Post-Certificate, and another Queen Bee will be sent immediately in its stead.

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LOS ANGELES, CAL.

BEESWAX

We pay 24 cents per lb. cash or 26 cents in trade for any good quantity of overage wax delivered at Los Angeles. Send sample and state quantity.

In shipping, do not pack in newspaper, and be sure to put name on box and write us by mail of the shipment.

Bennett Bee-Hive Co.

JAMES W. HELLMAN

Hardware! Stoves and Ranges!

Jobbing!

We manufacture to order all kinds of Sheet Metal Work, Tanks,
Kettles, Cans, etc.
Estimates Furnished

159 and 161 North Spring Street

SPECIAL NOTICES

BY THE

Bennett Bee-Hive Co.

Ancient Honey

We desire to experiment on the value of honey in aging, believing that like other goods it "improves with age. If this is true it will add to its value, especially as an investment, and this storage of honey will aid in the commercial value. Kindly send large samples with description, source of and age. Will pay for same, and here offer \$5 for the oldest sample sent us before May.

Our stock of Beeswax is going fast, and inquiries from other dealers are brisk. We desire a large quantity, and until further notice will pay 26c per pound cash and 28c in trade for fair yellow wax delivered to Los Angeles.

Those California Hives; we're making quite a number; cheap, but these hives make honey just the same. A man came in the other

day to buy lumber to cut his own hives. We asked him 3c a foot for soft pine, and told him we would rather cut it to sizes as he would then get better stock, and he agreed and paid us a little for cutting.

A Bee Hive Paint at 60c. a Gallon

MAGNITE

A powder mixed with water and applied with a broad flat brush.

Fire and water proof.

One gallon will cover 300 square feet.

Especially fine for

BEE HIVES

Being odorless and free from strong chemicals. Does not crack nor scale. The cheapest and best paint in use.

Marshall Floor and Supply Co.

516 BROADWAY, LOS ANGELES

Sole Agents.

Supplies for Bee Raisers

Tanks, Tin, Hive Rabbets,
and all supplies for the
Apiary.

Also Stoves and Ranges, General
Hardware, Plumbing and Tinning

Nauerth Hardware Co.

330 South Spring St.

Market Reports

RECEIVED LAST OF THE MONTH

These prices are paid by the retail dealers. From these quotations of the wholesale dealers must be deducted freight, cartage and commission. Freight to Eastern markets is about 1c per lb. for Extracted, 2c per lb. for Comb Honey in car lots.

CHICAGO, Ill.—*Honey*—There has been a decline in the market on comb honey of 1 cent per pound since the month came in. Best grades of white comb honey 14; sales chiefly at 13½ with some western choice at 13; no buckwheat comb offered and other dark grades are meeting with little attention, prices range from 9 to 12; extracted white, 5½ to 7; ambers, 5¼ to 5¾, according to quality, flavor and package. Beeswax wanted at 28.—R. A. BURNETT & Co.

BUFFALO, N. Y.—*Honey*—Below I quote you our honey market as it is now. Fancy white comb honey, No. 1, 15 to 16; A No. 1, 14 to 15; No. 1, 13 to 14; No. 2, 12 to 13; No. 3, 11 to 12; No. 1, dark, 9 to 11; No. 2, — to —; white extracted, 7 to 7½; dark, 5 to 6; beeswax, 27 to 30; dark, 23 to 25. Very little stock around our market and demand good.—W. C. TOWNSEND.

NEW YORK—*Honey*—The demand for all grades of comb honey here is good, with plenty of arrivals to supply the demand. Fancy white, 1 lb. sections per lb, 14; No. 1, 13; No. 2, 12; buckwheat, 10. These are the nominal market prices, some extra fancy lots might possibly bring a trifle more. Extracted white is selling from 5 cents to 6 cents per pound, according to quality.—FRANCIS H. LEGGETT & Co.

LOS ANGELES — *Honey* — Movements very active, demand for light amber brisk, white extracted, fair; comb honey about gone; fancy white comb honey, 12 to 15; No. 1, 11 to 14; amber, 10 to 12; extracted white, 5 to 6; light amber, 4½ and 5½; amber, 4 to 5.—BENNETT BEE HIVE Co.

KANSAS CITY, Mo.—*Honey*—No. 1 white comb honey, 15 to 16; No. 2, 13 to 14; amber, 12; white extracted honey, 7½ to 8; amber, 6 to 7. Beeswax scarce, and wanted, 22 to 28 per pound. Demand fair and very little arriving now.—W. R. CROMWELL PRODUCE Co.

SAN FRANCISCO — *Honey* — Honey is coming better; Eastern and European demand is picking up. Extracted white, 5 to 6; light amber, 4¼ to 5¼; amber, 4 to 4½; comb honey, 10 to 12½; beeswax, 24 to 26.

BOSTON, Mass.—*Honey*—Fancy white in cartons, 16 and 17; No. 1, 15 to 16; No. 2, 12½ to 13½; prospects of good demand later on. There is but little extracted on the market, and later will be wanted. White extracted, 6 and 7; light amber, 5½ and 6½; beeswax, 26 and 27.—BLAKE, SCOTT & LEE.

MILWAUKEE—*Honey*—As winter season approaches we expect a large demand. This market favorable. Fancy white comb honey, 16 to 17; No. 1 white, 15 to 16; amber comb honey, 12 to 14; extracted, 7 and 8; beeswax, 25 to 30.—A. T. BISHOP & Co.

Honey Buyers

LOS ANGELES, CAL.

Johnson, Carvell & Co., 251 San Pedro St.
Haas, Baruch & Co., 320 N. Los Angeles St.
M. A. Newmark & Co., 141 N. Los Angeles
The J. K. Armsby Co., 121 W. Third St.
Germain Fruit Co., 326 S. Main St.
Elwin Syrup Co., Boyd and San Pedro Sts.
Roth Hamilton, 122 West Third St.

CHICAGO, ILL.

L. A. Lannon, 43 S. W. Street
R. E. Burnett & Co., 163 S. Water Street

PHILADELPHIA, PA.

Wm. A. Selzer, 10 Vine St.

HAMILTON, ILL.

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CALIFORNIA CANYON SCENE

\$1.00
Per
Year

The Pacific Bee Journal

PUBLISHED BY
**The Pacific
Bee Journal
Co.**
237 E. 4TH ST.
LOS ANGELES
CAL.

Vol. 5

March, 1902

No. 3

HONEY DRIPS

BY B. B. BEES

VISALIA.—M. J. Rouse shipped three carloads of honey to Europe this week. — California Fruit World, Feb. 22.

MURPHYS.—On account of rumors that honey is being artificially made in California, E. H. Schaeffle, a honey producer, says he will give \$1000 a pound for complete comb honey made by man or machinery.—California Fruit World, Feb. 22.

J. F. McIntyre continues to buy bees. He has several apiaries, and notwithstanding the lack of sufficient moisture for luxuriant flower-growing, he buys bees and trusts to Providence for the rainfall, and he is making money in the honey business.—Ventura (Cal.) Free Press.

Utah bees are still suffering from foul-brood, but President E. S. Lovesey, of the Utah Beekeepers' Association, who has been on a trip of inspection through all the honey raising sections of that state, says that the conditions are much better than they were a year ago.—Los Angeles (Cal.) Fruit World.

E. A. Honey, of Orange, will leave soon for an extended trip through Cuba and Porto Rico for the purpose of ascertaining the status of the bee business in those countries. He has 100 stands of bees in the Santiago canyon, which he will move to Ventura unless it rains.—Anaheim (Cal.) Gazette.

DE LUZ, Cal.—The past month has been cold and cloudy, including a snow storm. Bee feed has grown very slowly. Rained again the 22d, giving nearly 2 inches of water, over 7 inches for the season. Clouds are very threatening, will probably rain more. Bees are brooding, getting some feed from the alfalaree and wild alfalfa.—DELUZIAN.

R. B. Herron, county bee inspector, is endeavoring to obtain the names of all the beekeepers in the county, as well as the number of stands of bees belonging to each, etc. He tells the Redlands Facts that so far as he has observed, the bees of this section are healthy, but that in Cajon Pass and at some other points he has found foul-brood prevailing to a considerable extent.—Highlands (Cal.) Citrus Belt.

Bee Inspector Schubert, of Corona, reported that Riverside county contains fully 20,000 stands of bees which produce each year almost \$100,000 worth of honey. He states that it would cost several hundred dollars to properly inspect the hives and that for the benefit of the industry it should be done. The board was of the opinion that bee inspecting should be done thoroughly, and Mr. Schubert was instructed to appoint the necessary deputies to do the work. On Supervisor Kimbell's motion, a part of Perris precinct was withdrawn and placed in a new precinct to be called Ethanac percinct.—Riverside (Cal.) Enterprise.

THE CALIFORNIA STATE BEE-KEEPERS' ASSOCIATION

Convention Report

BY THE EDITOR

(Continued from February Number.)

Convention called to order by President Stubblefield, and Mr. Honey, secretary for October meeting, was instructed to read minutes of the October meeting, which briefly was that Mr. Bennett called the meeting to order, resigning the chair to Mr. Stubblefield. Mr. Bennett outlined plan for close corporation or "trust plan." Several committees were appointed; then speeches were made by Professor Sprague and Mr. Shamblin. Remarks were made by Roth Hamilton, T. O. Andrews, eo. W. Brodbeck and C. H. Clayton.

Mr. Williamson of Redlands remarked that he wished to see an iron-clad trust, just as strong as possible.

Professor Cook spoke of the shameful honey-mixing -business, and referred to the laughable way mixers have of naming the mixture. He said Mr. Lynn told him he had seen in the Eastern markets such "honey" labeled as "Sweet Clover California Honey." (Laughter.)

A committee was then named to draft a resolution on the absence of our pioneer beekeepers, Robert Wilkins, R. Touchton, and J. M. Crow. The following were chosen: Mr. N. McIntyre, Major Merriam and Professor Cook.

Election of officers for ensuing year was next in order.

President Stubblefield and Secretary McIntyre were re-elected. Vice-presidents for counties were: Mr. Brodbeck, for Los Angeles; H. E. Wilder, for Riverside; Ma-

for Merriam, for San Diego; M. H. Mendleson, for Ventura; J. K. Williamson, for Riverside; E. A. Horny, for Orange, and Mr. Delos Wood, for Santa Barbara.

Professor Cook then made a few remarks on our national beekeepers' organization.

Mr. Brodbeck suggested that the younger members should take more active part.

Mr. J. W. Teree, foul-brood inspector for this county, gave his experiences, and said that his greatest trouble was among the keepers of box hives; that these rarely had a Bee Journal, and did not know modern methods.

Professor Cook suggested that we change our foul-brood law so as to make it a misdemeanor to keep bees in box hives, and thus compel transfer to modern frame hives.

Mr. McIntyre objected to a change in the law, as he believed we would run the risk of getting a poorer one.

Professor Cook was appointed to remodel the law, and report at next meeting.

Mr. George moved adjournment to 1 o'clock.

AFTERNOON SESSION.

Mr. McIntyre read plan of organization of local Honey Association, and suggested that the capital stock be placed at \$10,000.

Much discussion arose over the members being allowed to sell honey in small lots locally.

The remainder of the afternoon

session was devoted to enlisting of members and social gatherings.

Members of the California State Beekeepers' Association:

Mary L. Small, The Palms.
 W. S. King, Fillmore.
 E. Hart, Pasadena.
 Henry Lux, Encinatis.
 G. W. Crowell, Riverside.
 J. W. George, Norwalk.
 George Siebert, Perris.
 T. B. Dickerson, Murrietta.
 J. B. Cook, Claremont.
 C. H. Clayton, Lang.
 G. F. Merriam, San Marcos.
 T. F. Arundell, Fillmore.
 John A. Pease, Monrovia.
 W. J. Correll, Tropic.
 Frank McVea, Los Angeles.
 E. A. Henry, Orange.
 Chas. Simson, Los Angeles.
 J. R. Chalker, Covina.
 E. M. Cole, Pomona.
 J. W. Ferree, Los Angeles.
 W. B. Whittaker, Piru City.
 B. S. K. Bennett, Los Angeles.
 Geo. W. Brodbeck, Los Angeles.
 Allan Barnett, Whittier.
 Emerson Bros., Santa Ana.
 C. Metcalf, 2132 Downey avenue.
 John McClure, 214 Ave. 41, city.
 H. E. Wilder, Riverside.
 J. T. McIntyre, Fillmore.
 M. H. Mendleson, Ventura.
 Dr. D. W. Edwards, 9th and
 Beacon.
 Mrs. J. F. McIntyre, Ventura.
 J. B. Cherry, Newhall.
 J. H. Miller, Station A.
 James Jones, 556 Wall.
 G. S. Stubblefield, University.
 J. W. Griffin, 528 Gladys avenue.
 Delos Wood, Santa Barbara.
 T. M. Barrett, Anaheim.
 T. O. Andrews, Rincon.
 G. K. Bell, Hynes.
 C. B. Schrock, Riverside.
 Peter Lux, Encinatis.
 W. A. Johnson, Santa Monica.
 J. K. Williamson, Redlands.
 Prof. A. J. Cook, Claremont.
 Forty-eight members for the

California State Beekeepers' Association, and the National Beekeepers' Union.

Any one may become a member of both for \$1.00, this being the price of either one separately.

All beekeepers should be members of the National Union, for the protection of their interests, and the combating of adulteration of honey.

Constitution sent on application to Mr. J. F. McIntyre, Ventura, or at THE JOURNAL office.

BEE-KEEPING EXPERIENCE OF THE HALF CENTURY

BY DR. E. GALLUP

The Inventor of the Gallup Frame

(Continued from February Number)

Well, to get back to my story, some time in April, in going to church on Sunday morning, I went straight through the woods instead of going around the road. There had been a light fall of snow overnight, and I stumbled onto a few dead bees in the snow, and looking up, saw the bees flying out and into a hole in a butternut tree. Well, early on Monday morning I took a team, sled, and all the necessary tools; cut down that beehive; lowered it onto the sled with a rope without disturbing the bees one particle; drove home, and set them up in the front yard. I cut off the top of the tree with a hand-saw and let it fall. Then cut off a chunk containing the bees, about three feet long, and lowered that about 20 feet with a rope, onto the sled. Did not chop down the tree. Took a swarm or colony from an oak tree in Wisconsin in the same manner, and the colony was located 35 feet high. The tree was located near the road, and when people would ask what that stump and

platform was for, I would reply that it was to make a stump speech from, and was free for any one that wished to use it. Well, I sent to Wisconsin for two queens; in May got up my moveable comb beehive and transferred both colonies. Did not receive my queens until the 3rd day of July; removed the old queens and introduced the new ones; on the fourth morning found dead Italian queen in front of colony transferred from the log; found combs well filled with fresh laid eggs. Here was a poser, for I had always preached that there never were two laying queens in a colony at the same time. But on looking carefully I found a part queen and part drone, and was so provoked that I killed her at once without stopping to think. The whole front part, head, legs and wings were those of a perfect drone, and the abdomen was that of a perfect queen. But the whole business was extra large, and I noticed that her workers were extra large and very active. Have often thought that if I had not been so hasty in killing her, I probably might have improved the race of bees from her. I mentioned this peculiar queen at the Cincinnati national convention, and some one made the remark that he guessed that was one of Gallup's big yarns. But Father Langstroth got up and said he once came across a similar one. So that settled it. I exchanged broods in those two hives and succeeded in raising six young queens. Of course, they were impurely mated, but I went into winter quarters with seven good colonies, with abundance of bees and stores, and all came through the winter in splendid condition.

Up to this time I had gained all my knowledge principally from actual experience. Had never read Langstroth or any other work on

bees, except Quinby's and Week's small pamphlets, and as they neither of them at that time had experience with the movable combs, it was rather up-hill work. Quite a contrast between beginning when I commenced and now. The beginner now can commence right where we old heads leave off.

D. E. GALLUP.

(To be continued.)

Rainfall Chart for Southern California

Showing fall by months and season from 1872 to 1899. This chart is very interesting, and show the years we had over 30 inches, also show the good honey years and the failures.

RECORD OF 28 YEARS:

1873 Fair	1888 Failure
1874 Good	1889 Fair
1875 Very good	1890 Failure
1876 Good	1891 Good
1877 Worst failure	1892 Fair
1878 Fair	1893 Good
1879 Fair	1894 Failure
1880 Fair	1895 Fair
1881 Failure	1896 Failure
1882 Good	1897 Good
1883 Failure	1898 Very short
1884 Good	1899 Failure
1885 Failure	1900 Very short
1886 Good	1901 Fair
1887 Good	

Price 15c, 2c postage, or free with the PACIFIC BEE JOURNAL one year at \$1.00.

The chart shows that we must have late rains to make honey, for in 1890 we had 34.83 inches good crop, but a honey failure, as the last rain came in December. In every instance in 28 years late rains in February, March and April, made a crop of honey, tho' the season's rainfall was not heavy, there is a month's study in this chart.

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THE SOUTHERN CALIFORNIA BURRO

THE MYSTERY OF ENCINO CANYON

Some Ancient History in Southern California Bee-Keeping

BY CHIA

CHAPTER I.

Being of rather a curious turn of mind, the beginnings, as it were, of any industry or movement always interests me more than even the present status of the same. Ever since I got a "bee in my bonnet" I have wondered how people ever happened to start the interest in beekeeping in Southern California, and what sort of a time they had at the start. Of course, being a native of the natives, I knew from instinct that anything and everything is bound to succeed better under the "azure skies of our sun-kissed land" than is possible elsewhere.

But the small beginnings, with their rounds of failures and successes, and the hardy souls that paved the way for the smooth-running machinery of the present—these are what interest me. In my search for knowledge I usually ask a good many questions, but my apology is that it is done purely in the pursuit of knowledge, and therefore a virtue rather than a fault. In our little foothill-mountain settlement there are many "bee men," some of them having grown gray in the calling, but such a reticent tribe you never saw. Not one of the old ones has that ready gift of imparting instruction off-hand, as has the brand new beekeeper. Now he is brimful of knowledge recently gained and bright with the halo of enthusiasm, and he will tell it all, and more too, for the mere asking; but this was the particular brand I did not want. So I consid-

ered that my lines had fallen in pleasant places indeed when I met the bee-lady, whose story I shall endeavor to relate for the benefit of the readers of the JOURNAL, believing that it will interest them as it did me. If it fails in this, let the blame rest upon the scribe, who may fail in the recital, rather than upon the story-teller who furnished the material. She was the wife of one of the pioneers in Southern California beekeeping, who entered the business not quite so early as Harbison, but with the general movement along this line, about 30 years ago. Her husband, who is one of the reticent persons before mentioned, says that she kept apace with "bee business" in all its details and has always been as well equipped in bee lore as the best of them. Sitting with her one summer afternoon in the vine-covered arbor beside their picturesque mountain home, she told me the story of their early struggles, and it runneth thus:

"It was away back in the early seventies that Joseph and I moved into the Santa Ana mountains and located on this ranch. We then kept sheep. Sheep-raising was not very profitable at that time. That is, unless one had a large ranch and went for it on a large scale or unless one happened to be a Basque. You know there used to be an old saying that a "Basco" shepherd would take a poor flock of sheep from one end of the state to the other, fattening them as he traveled with no expense whatever. He would always move on when told, but eventually became a rich man. Then Basco economics in living were something to make men and angels weep, but some way Americans could not seem to adopt them. After a few years of struggle and close confinement in the sheep business, we began to think there might

be something better ahead for us than this. We had a neighbor just over the divide, who kept bees. We began to make observations, and the sum of our mental notes resulted in something like this: We had to herd, dip and shear our sheep, and frequently we had to rent grass for them. Reuben, our neighbor, did none of these things, and worked but a comparatively short time with his bees, yet he realized more profit at the end of the year from his apiary than we did from our flock."

(To be continued.)

DIFFERENT RACES OF BEES

BY S. L. WATKINS

About eight years ago I was very extensively engaged in bee culture and queen rearing. Meantime until this last fall I had done very little with bees, devoting most of my time to seed-growing and the nursery business. But I have again concluded to re-embark in the bee business and have accordingly bought up a good start of bees and have got them all re-queened with the various types and races of bees that are found to be best at the present day. I have the long-tongued leather-colored Italians, the Golden Italians, the Golden all-over Italian, the Silver Cornelian, and the Yellow Cornelian; the Cyprian and Holy Land bees; also the Albino. All types of bees are to be given equal chances, and for my future operations I shall use the race or strain of bees that produce the most honey, and that are the easiest to handle. I can easily observe, now, since the progeny of all the queens I now have are hatched out, that the Golden Italians have a touch of the Holy Land bee in them. That bright pretty

The Pacific Honey Producers

Incorporated March, '02
\$50,000. \$1. per share

Producers Shippers Exporters

California Honey

Manufacturers and Dealers in Bee Supplies

Successors to the Bennett Bee Hive Co.

B. S. K. BENNETT, Pres. and Gen. M'gr.

\$1000. Purity Guarantee

Of Honey Packed by us under our Brands

An Association incorporated by the honey producers for the purpose of adjusting prices and improving conditions, to buy and sell bees, lands, water rights, honey, wax, and manufacturing bee hives and bee keepers supplies, and any general business connected with Apiarian pursuits. To produce, to store and pack for market, comb and extracted honey with label and seal to carry a \$1000 purity guarantee of grade and flavor

To sell stock to producers of comb and extracted honey only at \$1. per share, each share to draw 10 per cent dividend.

The Association to handle and market all produce of members at actual cost, in any part of California.

Send for prospectus and by-laws.

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Los Angeles, Cal.**

**Office and Factory 237 E. Fourth St. Warehouse, Third
San Pedro Sts.**

Send in at once your application for stock, as stock may be withdrawn at any time.

A Digest of the Honey Crop of Southern California

LOS ANGELES COUNTY.

In the northern part of Los Angeles County we find the best honey producing locality in the state. The Castac Canyon, which is about 45 miles from Los Angeles is celebrated for its large crops and excellent grades of honey.

E. A. Pyle started the season with 70 colonies, increased them to 102 and produced 14 tons of extracted honey. By figuring this as the production of the 70 colonies it would average 400 pounds to the hive.

L. E. Mercer & Son of the Castac, started with 525 colonies, increased them to 850 colonies and produced 50 tons. Mr. Mercer states that with one helper he extracted two tons in 4¾ hours. One of his apiaries of 160 yielded 3½ tons extracted—another apiary of 100 culled colonies increased to 275 and made 6½ tons—and 850 colonies used ½-ton of comb foundation, making of that 4000 beautiful wired combs.

BURBANK.—J. B. McClure began the season with 230 colonies of bees and increased them to 560 colonies and produced 45 tons of extracted honey. Sold at 4½ cents per pound.

SOLDIERS' HOME.—G. Donbrowsky has taken 14 tons of extracted honey from 250 colonies—started with 170. Honey sold at 5 cents per pound.

FERNANDO.—Walk Brothers have 300 stands and produced a splendid crop, most of which was sold at 6 cents a pound at retail.

Hubbard & Wright made two cars of honey which was bought by the Bennett Bee Hive Company at 4½ cents per pound.

A. B. Bland made 9 tons, sold to the Bennett Bee Hive Company at 4½ cents per pound.

G. K. Porter, owner of 20,000 acres of grain, fruit and stock lands produced

25 tons. Sold to the Bennett Bee Hive Company at 4½ cents per pound.

Earlier in the season the Bennett Bee Hive Company sold to J. Buchanon & Sons of West Virginia 5 car loads of honey at 5 cents per pound. Mr. Buchanon retails this honey in his locality in 6-pound cans for \$1.00, netting him 16 cents per pound.

ACTON.—A. B. Mellen and H. T. Mellen sold their comb honey to the Standard Commercial Company of Reno, Nevada, and the same was shipped to Sioux City, Iowa—they received 9½ cents f. o. b. cars. Another car load was sold to Redlands parties for Chicago shipment at prices a little better.

The Fletcher apiaries amounted to some thousand colonies, produced 63 tons of extracted honey. It has all been sold at excellent prices.

ELIZABETH LAKE.—N. Cochen's apiaries produced 26 tons of honey.

The honey crop of Los Angeles County has been estimated at 75 car loads. There are 400 bee-keepers owning 40,000 colonies.

Frank McNay, an eastern honey buyer and bee-keeper who wished to try California for his health, bought in the early part of the season 150 colonies at \$5.00 each. Although he got into the business too late to build up the bees, he produced 12 tons, clearing \$1,000. Sold his 170 stands at the end of the season for \$600. He did not get into a very extra locality but he was convenient to the city where he resided and only 5 miles ride on the electric car and two miles on the wheel to his apiary. He spent about one day a week at the apiary as near as we can learn.

CHATSWORTH PARK.—A. Joungkins, with 300 colonies produced 26 tons of honey, he is a large land holder interested in banking affairs and other concerns here in the city. He always

THE PACIFIC BEE JOURNAL

holds his honey until he gets 5 cents per pound.

ORANGE COUNTY.

SANTA ANA.—Emerson Brothers, the owners of 1000 colonies report a production of 62 tons. These brothers are extensive honey buyers and are thoroughly familiar with all branches of the honey business. A large part of their crop was sold at 5 cents.

TRABUCA CANYON.—Bee-keepers have stated during the season that honey came in so fast that they filled every old tub and bucket on the ranches. That for a while a colony of bees were averaging 5 pounds of honey per day, or for 100 colonies 500 pounds, which means something like \$2,500 a day from 100 colonies.

Joseph Joplin, of Santa Ana has made several thousand pound consignments to Chicago which netted him 6 cents per pound here. He has taken from his apiaries 35 tons of honey and is still averaging 5 which makes his total receipts amount to 3,500 for a single season.

P. B. J. Honey crop is estimated at 25 cars.

Orange has 100 bee-keepers, 20,000 colonies.

VENTURA COUNTY.

J. F. McIntyre, the world famed bee-keeper with 800 colonies produced 40 tons.

SEMI.—Mr. Richards the well known architect of Ventura, produced 30 tons of extracted honey from his apiaries.

PIRU CITY.—W. D. Whitaker produced 24 tons of extracted honey—10 carloads of extracted honey was shipped from Ventura County to San Francisco early in the season consigned to the Pacific Coast Syrup Company.

T. F. Arundell sold a car of honey to the Southern Pacific Milling Company in December.

Ventura has 50 bee-keepers and 15,000 colonies.

P. B. J. Crop estimated 25 cars.

RIVERSIDE COUNTY.

SAN JACINTO.—The honey crop here is estimated to be about 10 car loads.

RIVERSIDE.—Bee Inspector Schubert reports the honey crop of Riverside to largely exceed the production of the last three years. Two deputies are working under his supervision and two

more are to be added. 10 cars of extracted honey were sold recently at Riverside.

Corona shipped in the neighborhood of 7 cars of comb honey. Prices averaged 9 cents.

Temecula produced 3 cars of comb honey.

Elsinore shipped for the season 8 carloads of comb and extracted honey. Two went to Glasgow, Scotland.

RINCON.—L. L. Andrews & Son sold 25 tons extracted honey for \$2,000.

T. O. Andrews of Corona just finished shipping to eastern markets nearly 30 tons of extracted honey.

The crop for the county has been estimated by Mr. Bennett to be 65 carloads.

SAN DIEGO COUNTY.

MURIETTA.—Shipped 3 cars of comb and extracted honey to eastern growers in October.

Two from Wildomar and seven from Fallbrook shipped from Fallbrook.

Four cars of comb honey to Kansas City, St. Louis and Chicago markets.

In September we see comb honey apiaries holding their product at 12 cents a pound.

SAN DIEGO.—15 carloads during October were shipped by Simon Levi to eastern and European markets.

DES LUZ.—Two carloads of comb honey and about the same of extracted were made here this season. The comb honey sold from 8½ to 10 cents—the extracted from 3¾ to 4 cents. About 300 cases of extracted honey are being held for better prices.

San Diego County crop is estimated at 50 carloads.

San Diego County has 600 bee keepers and about 45,000 colonies.

SAN BERNARDINO COUNTY.

San Bernardino has about 290 bee-keepers, the number of colonies about 2,400. The honey crop is estimated at 40 carloads.

SANTA BARBARA COUNTY.

Kelly Brothers who are owners of about 1000 colonies produced close to 80 tons of extracted honey. They claim for a while their apiaries were producing one ton a day.

The estimate of the honey crop of this County is 20 cars.

The county has about 100 bee-keepers and 7,000 colonies.

FOR SALE—A Bargain. Price, \$1250 00. Eighty acres of land; 60 acres tillable, most of which is exceedingly good soil, being soft, dark red and black sand, suitable for fruit trees and vines. Eight acres planted in olives; 27 acres oats and barley; balance hills. Just the place for bees, as it is covered with black sage. House new, but not all finished. The main building is 14x26; kitchen, 12x16; good basement, dry and cool. Location two miles from the railroad station at San Marcos, San Diego county, California.

N. B. BAILEY Co.,

301 Frost Bld'g, 2d and Broadway.

FOR SALE—123-acre Ranch, six miles west of Tulare; about half way between Frisco and Los Angeles. 12 acres in alfalfa; 30 acres in grain, balance good grazing land. Seven-room house; barn; chicken house; granary and carriage house; large irrigating reservoir, and two bathing reservoirs equipped with slides, trapeze and bathing suits. Popular as a Summer Resort. Forty stands of bees; also out apiary with 47 stands and moveable extracting house. Price, \$65 per acre for ranch. Bees, \$3.50 per stand. Will also sell stock and implements at reasonable rates, as owner wishes to retire from business. A snap. Address T, care Pacific Bee Journal.

FOR SALE—160-acre Ranch in San Diego county. Small house; good water; garden, and fruit trees. Balance in pasture; plenty of wood; fine place for bee ranch. Price, \$300 Address. G, care Pacific Bee Jour.

FOR SALE—160 acres, some cleared; and 20 fruit trees; garden; honey house; good for bachelor. \$300. Address G, care Pacific Bee Journal.

FOR SALE—5-acre Ranch at Corona, one half mile from Postoffice, three fourths of a mile from Depot, and 15 miles from Riverside. A 5-room house, barn, cowshed, and chicken corral. Two and one half acres in deciduous fruit; balance in alfalfa. Offered at a great sacrifice on account of sickness; only \$1100. Address C, care of the Pacific Bee Journal.

BEES FOR SALE—202 stands at Poplar, Cal.; also Wax Extractor, at \$500.

265 stands at Ontario. Will sell small lots, shipping to suit party, at \$3.00 per hive.

100 8-frame colonies at El Monte, \$300; with 200 comb honey supers, \$350.

100 stands at San Bernardino at \$325.

100 8-frame colonies at Tropic, \$3.00 each.

3,000 colonies on the Sacramento river, at from \$2.50 to \$3 00 each.

100 colonies at Newcastle, Cal., at \$2.50 each.

At San Bernardino, 70 colonies and location fittings, 2-story hives at \$200.

100 stands 2-story hives, comb honey to be removed, at \$3.00.

100 colonies 1-story hives and caps at \$3.00.

50 8-frame colonies, 2-story dove-tailed hives, at \$3.00.

40 colonies, 1-story redwood hives at \$3,25. Address Bee Journal.

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40 colonies, 1-story redwood hives at \$3,25. Address Bee Journal.

GLUCOSE TRUST

Combination to be Formed with a Capitalization of Seventy Millions

CHICAGO, Jan 25.—The Tribune tomorrow will say:

Plans for the consolidation of the Glucose Sugar Refining Company, the National Starch Company and several outside plants have made such progress that large stockholders in the glucose concern have been asked to sign an agreement that they will participate in the deal. This provides that in the exchange of securities Glucose preferred will receive 126 in the preferred shares of the new corporation. Glucose common will get 120 in the new common stock.

The capital stock of the new company will be \$70,000,000. The larger part of it will be common stock, of which the Glucose company alone will absorb \$48,000,000 with its issue. The company will be entirely a stock-holding corporation, and the identity and organization of the constituent concerns will be preserved.

Why should not we beekeepers have a great Honey Trust? Just think what these fellows and the sugar fellows are doing to us. (Sugar now is 4¼ cents per pound in five-bag lots.) We've got to get on the aggressive and get our capital united, so that we can work more to our interests. As we now are, we feel that every other honey man is a competitor.

We have just had a call from a friend returned from San Francisco, who states that there are 20 carloads of honey warehoused in that city; that honey is coming in there as ballast from Tahiti, Australia, and Japan. We're not the only ones.

Aged Honey

Eighteen-year-old honey is something of a rarity, but Postmaster

Upham has a glass jar of the vintage of 1884. It was taken from a cave in Santiago Canyon in that year by J. G. Shoemaker. The latter filled 30 five-gallon cans after he found the hiding place of the bees. Not long ago he happened to think that a little honey wouldn't go bad, and it was remembered that there was still a can of the '84 crop in the house. It was found in superb condition. The jar Mr. Upham has is colored very dark. It was white when put up. A singular fact is that the honey has not sugared in the least.—Lompoc (Cal.) Journal.

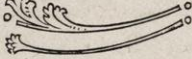
BEEES TAKE A STORE IN SANTA BARBARA

Swarm Swoops Upon Display of Honey and Feasts—Business Is Suspended While the Busy Little Buzzers Sample Everything That Meets Their Fancy.

SANTA BARBARA, Jan. 18. — A large quantity of honey which had been placed on display in front of Thomas Cornwall & Son's store attracted a swarm of bees that chanced to be passing through the neighborhood yesterday, and for a while there was a suspension of business. Not satisfied with having their fill of honey, the bees proceeded to take possession of all the store, and sample everything available that chanced to meet their fancy. They finally left as speedily as they had come, some so heavily laden that it was with difficulty they could keep up with the swarm.

Early this morning they were back, buzzing around the place wherever they had found the sweets yesterday, but no honey being in sight, they soon left.—Los Angeles (Cal.) Times.

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In stock for instant shipment
 Dadant's Foundation
 Root's Sections, etc.
 Cowan's Extractors
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 Full line of Sundries, Honey
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WHAT?

Are you looking for foundation to use this year? Then don't look any farther, as DADANT'S have now been before the bee-keeping world for many years; stands without a rival today. If you never saw any of Dadant's foundation send a postal for free sample, together with their catalogue. They guarantee every inch of their foundation to be as good as sample sent, and no complaints ever come against it. They have also revised Langstroth on the Hive and Honey Bee, and you can scarcely afford to do without this large and valuable book. Post paid \$1.25. We sell everything needed in the apiary.

Charles Dadant & Son, Hamilton, Hancock Co., Ills.

The Pacific Bee Journal



Devoted to the Apiculture Interests of the Pacific Coast States and Territories.

ESTABLISHED IN 1896.
MAILED FIRST TUESDAY OF EACH MONTH
BY

The Pacific Bee Journal Co.

Los Angeles, Office: 237 E. Fourth St. Cal.

B. S. K. Bennett, Editor and Manager

Terms.—\$1.00 per annum; 2 years, \$1.50; 3 years, \$2.00 *in advance*, in the United States, Canada and Mexico. To all other countries of the Postal Union 50c per year extra for postage.

Discontinuance.—We send papers till we have orders to stop, or will stop sending when subscription expires if so ordered. We give notice where subscription expires by inclosing paper in blue wrapper, which also has date mark, as 12-01 meaning subscription expires December, 1901. *Back numbers are few as we exhaust each issue.*

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1 in.	\$1.00	\$1.50	\$2.00	\$3.50	\$1.50
2 "	1.75	2.75	2.50	6.00	11.50
¼ pp.	3.00	4.50	6.00	10.50	18.50
½ "	5.00	7.50	10.00	17.50	32.50
1 "	9.00	13.50	18.00	31.50	58.50

Receipts for Money.—We do not send, the change of date shows receipt and credit.

News.—We solicit from all sections. Free subscription to correspondent.

Clubbing List

We will send the Pacific Bee J'n'l with
 G1'n'gs in Bee Culture—m'thly (\$1) \$1.25
 Beekeepers' Review—m'nthly (\$1) 1.50
 American Bee Journal—w'kly (\$1) 1.50
 Canadian Bee J'rnal—m'thly (\$1) 1.50
 Rocky M'tain Bee J'l— " (50c) 1.00
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 American Bee Keeper— " (50c) 1.00
 Progressive Bee Kpr.— " (50c) 1.00
 The Fruit World (\$1) 1.00
 The California Cultivator . . . (\$1) 1.25
 The Rural Californian (\$1) 1.00
 A Victor Queen Bee and the Pacific Bee Journal—1 year 1.25



EDITORIAL COMMENTS

BY B. S. K. BENNETT

Those glorious drops, like drops of gold to the drouth-stricken bee man. Rain! Rain! Rain! What a wonderful change is wrought, activity on every hand.

Flooded streets as in the days of old, the rainfall for this storm makes 3.22 inches, making a total of 7.76 for the season, as against 12.66 inches at this time last year.

Reports from all parts of Southern California indicate that good crops are now assured.

Riverside, it began raining Friday night at 10 o'clock; San Bernardino, rain began falling at 12 o'clock, up to 3 o'clock 2.71 inches fell, 6 inches of snow on mountain; Santa Ana, 1.50 inches; Fullerton, .91; Bakersfield, .38; Santa Monica, 2.75; Covina, 2.65; Chatsworth Park, 1.05; Monrovia, 2.25; Pomona, 3.10; La Verne, 2.20; San Diego, .30; back of San Diego, 1.50.

The severest storm was off the Oregon coast, Roseburg reporting 29.10 inches for the season.

Later.—2 inches more rain making 9.76 for season.

According to Dr. A. W. Smyth in the Irish Bee Journal, who says: **Foul Brood in Your Mouth** Woodhead states on the authority of Reg-

nal, that the bacillus alrei is an inhabitant of the human mouth, that great home of the bacteria where Lenwenhock first discovered them.

If this be true we must look to where our saliva lands, and must practice cleaner habits. But I hardly think this possible, for every case of foul brood is traceable to infection from other hives, as far as in my experience, and I have bought hundreds of diseased colonies and cured them by MacAroy methods.—ED.

Convention Notice

UTAH—The Utah State Beekeepers' Association will hold its annual convention in the City and County Building, Salt Lake City, April 5, 1902, at 10 a.m. This promises to be an interesting convention. All are invited. It is desired to form an exchange for the protection and benefit of our bee keepers. Come and aid a good cause. It is expected that every county will be represented.

J. B. FAGG, Sec.

E. B. LOVESY, Pres.

C. W. Overton decided a few days ago to have the bees removed from the residence he recently purchased from Mrs. P. Pfeninger. A Pomona bee man offered to remove them if given the bees and honey, to which Mr. Overton readily consented, but he was surprised when he saw 1015 pounds of good honey and 14 swarms of bees removed from the roof. The honey is worth 5 cents a pound.—Fullerton (Cal.) Tribune.

Switzerland Beekeeping is ahead of us. We've got three maps from there, one showing daily records of production for season, another the number of colonies per 1000 inhab-

itants, and another the number of colonies to the square kilometer of land. On exhibition at our office.

"Comb Honey Canards" are keeping the editors of the Eastern Bee Journal busy writing replies and refutations of the bad tales. They are not making much headway in getting retractions of mixture of comb honey.

PREMIUM!

WE wish to rehearse the fact that we will give a nice untested queen bee, and guarantee her safe arrival at your postoffice, as a premium to all old subscribers who will pay up and one year in advance, also to all new subscribers to The Southland Queen. We have a fine stock of queens for fall orders. You can have the queens sent when it best suits you.

THE JENNIE ATCHLEY CO.

BEEVILLE, TEXAS.

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Write us your experiences, and the manner in which you have overcome troubles with your bees. Perhaps they don't seem worth while to you; but some one else may be having the same trouble, and not see a way out of it. An exchange of ideas and general concerted action is the one thing most needed among bee-keepers.

DO YOU PRODUCE COMB HONEY?

Here is something that will interest you.

"The Danzenbaker Hive I think will take precedence over all others. I am delighted with it, as it is simple, and easily manipulated."

R. H. PEPWORTH,
Pietermaritzburg, Natal, South Africa.

Nov. 30, 1901.

If you buy the Danz. Hive you will find a ready market for your honey. Comb honey in Danz. sections has never yet been held because of "little demand."

EXTRACTED HONEY?

You will need good hives, smokers, knives, and, most of all, a good honey extractor. Root's Cowan Rapid Reversible Extractors are used everywhere, and always acknowledged to be the best. Be sure to get one of our make.

BEE SWAX?

You should have the best wax extractors, else large quantities of wax will be left in the refuse. See what one extensive and practical bee-keeper says of the Root-German Steam Wax-Press.

For over twenty years past I have had to render up old combs or cappings in larger or smaller quantities, and my experience has been extensive, for I have tried faithfully almost every known method to get all the wax out, but have never succeeded to my satisfaction until recently. I got of you a German wax press, that comes nearer accomplishing that object than anything I have ever tried. I am more than satisfied with it, for, if used according to directions, there is little, if any, wax left in the refuse. Any one used to the old methods will be astonished at the results obtained. In this press you have, given those in need of it the best thing, to my mind, you have ever brought out, and I really believe all who try it will pronounce it a real treasure. There are other points of advantage that I could mention, one of which is its perfect safety — no boiling over and setting fire to everything, and it can be left alone without care for quite a time, and everything can be kept neat and clean, and it occupies very little room.
Belleville, Ill., Dec. 12. E. T. FLANAGAN.

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