

excess. Too strong colonies seldom give good returns. If colonies have increased their population unusually in the fall the breeding will mostly only be medium in the spring. The heavy breeding that should take place in the spring took place in full already, and a medium or even a little light swarm with a good queen mostly does better than such a giant colony. Requeening should take place in such cases.

Cold weather in winter is not so harmful to bees as is often supposed. Even a small cluster will endure a good deal of cold as long as they have good food at the right place. We do not need to speak about colonies freezing to death, but rather starving through not being able to follow the food. Years ago I always reduced the size of entrances, but of late years I do not contract them. I keep them as large in winter as in summer, and since that time I have very few dead bees, and seldom have to clean the entrances. At the first flight the bees will clean out the few dead ones without any harm.

With the idea of not packing bees before cold weather I cannot agree. If provided with all necessities, they will be packed nice and warm, even if the weather is fine. If possible, I want them packed in October or beginning of November, and this never gave bad results at our large bee-stands. The cluster room should never be too small, so they can extend in mild weather. Brood about Christmas I have never found, and this seems to me a false theory. Such only may be after very late feeding.—Pruht. Wegweiser.

Wien-Neustadt was the place of convention, Aug. 8th to 12th, where beekeepers from Austria-Hungary and Germany gathered. So large was the attendance that not every bee-keeper could be supplied with a bed in the city of 30,000 inhabitants, and had to pass the night in any convenient place. (Either too many beekeepers or too few beds.) There was

a large exhibition of bee supplies. Live bees were exhibited by many bee-keepers. Two lecturers were honored with premiums; each member had two votes, Drs. Sanger, Grace, and Alfonsus, Vienna, receiving them. The latter spoke on queen-rearing and gave the American (Root's) methods a good recommendation; Dr. Sanger on scientific judgment of honey; 0.7 to 2% protein is contained in honey. He showed new ways to ascertain the amount of protein, whereby pure honey may immediately be distinguished from the adulterated. This paper will appear later in print. A report of experiments in winter consumption showed it in unprotected single-wall hives to be 5.300 kg.; double-wall hives, a little less; cellar, 2.100 kg.; in a room, 2.070; in clamps, 2.050.—Rheinische Bienenzeitung.

In a report of 1907 the well-known bee-keeper, Kramer, says: "Since queens are subject to very close observation surprising habits may be noticed. Fertile queens, after having started to lay, will fly out and enjoy the sunshine on the alighting board.—S. Wegweiser.

In the Province Brandenburg, Germany, the bee-keeping industry is greatly assisted by the Agricultural Department. They arranged honey markets for October, November and December. Any member can send from 50 to 250 lbs. of honey there for each market. A small market fee has to be paid. They have standard, uniform packages and prices. They are:

½ lb. in glass, 80 marks (about 18c).
1 lb. in glass, 1.50 marks (about 35c).
2 lbs. in glass, 3.00 marks (70c).
3 lbs. in glass, 4.20 marks (98c).
5 lbs. in glass, 6.80 marks (\$1.58).
9 lbs. in glass or tin pail, 11.75 marks (\$2.74).

Comb honey, per lb., 1.40 marks (32c).—Praht. Wegweiser.

Renew your subscription to the C.B.J., and help along the bee industry.

HONEY—PU

(Continued)

The next this: "What material in m

Perhaps the duced by the entration of t it works. Nec per cent. of wa pine contains a The average wa of honey listec cent. One hur honeys exhibe sition in 1903 w ten, and gave cent. water, wit to 26.88 per cen content of honey about 20 per ce from uncapped c dically higher pointed out by M mental Farms at 163), and is appa tes themselves tion of honey ado of Agriculture a per cent. as a ma permissible in leg On looking over upon honey, cover I find that 730 s amined. These ar

Bulletin	Date	S
47	1897	
90	1903	
122	1906	
145	1908	
148	1908	

It will be seen th at all honeys examin er cent. of water. es are adulterated, onal addition of waucose or any oth