

FARM GARDEN

ITALIAN BEES.

How to Recognize Them by the Markings of the Worker Bee.

Those who are unacquainted with Italian bees are often desirous to know how they can be recognized. Dr. C. C. Miller explains the matter in National Stockman and Farmer, with the aid of a cut showing the abdomen of a worker: Bees don't have a framework of bones inside, like dogs or horses, but a bony case outside, made of a hard substance called chitin. The abdomen has for its covering several bands of this chitinous substance so jointed as to move freely one upon the other, telescopic fashion.

In the common black bee these rings or bands are black. In the Italian worker the first three bands, A, B and C, are yellow. The first band, A, is small and does not show so distinctly in the liv-



ABDOMEN OF WORKER BEE.

ing specimen as in the enlarged picture. If the bee is filled with honey, the bands all show more plainly, and if the bee is crawling up a pane of glass in the window it looks somewhat transparent where the yellow bands are. If very empty, as in the case of a dead bee, you may not notice the yellow bands.

These bands are not uniform in appearance. The front part of each of the three bands, as at A, B and C, is a distinct yellow, the other part, as at J, K, L, is black, because this part is covered with a kind of hair or feathers. These hairs or feathers are sometimes rubbed off, as in the case of robbers or diseased bees, and then all the bands of the black bee and the black bands of an Italian bee will be a shining black.

By selecting breeding bees have been produced that have more than three bands. Five banded bees are quite common in America, for this increase of yellow bands has been made in this country, and some bees have the abdomen yellow to the very tip.

The Potato Field.

During the grain harvest the potato field is apt to be neglected. This was bad enough in the days when weeds were the only enemies to be feared. Since the potato beetle has become common, there should never a day pass when some one does not go through the field and destroy all the larvae in sight. It is easy to see by examining the leaves whether eggs are numerous. If they are not, hand picking of beetles will suffice. A dose of poison applied, diluted with water at the rate of a teaspoonful of the poison to a pail of water, will kill the larvae as soon as they get to work and prevent most of the damage. It is very difficult to have this done so promptly that part at least of the hills will not be stripped before the poison is applied. But in harvest time there are several hours of daylight early in the morning, when dew will prevent doing much in the harvest field. If this makes too many hours' work per day, take a longer nooning. If the grain harvest and the care of potatoes conflict, most farmers will be wise in giving the preference in care to the crop that is most profitable, and concludes The American Cultivator, it takes several acres of grain to equal in value a large potato crop on one acre.

Leaf Curl.

Much has been heard of peach "leaf curl," this year reports of its prevalence coming from various parts of the country. The leaves become thickened, puffed, blistered with a whitish bloom; small areas are often much arched and reddish in color. This fungus appears to flourish during cool, rainy weather. Investigators of the disease point out its coincidence with frequent showers and low temperatures during April and May. Although the trees appear quickly to recover from an attack of leaf curl, yet they carry the disease over to the ensuing season, when it is likely to break out again. Professor Selby of Ohio notes what he calls the "cumulative effect" of spraying for leaf curl. He finds that two applications of Bordeaux mixture in a season "favorable to leaf curl will sufficiently prevent the disease to enable the tree to carry a crop of fruit without very great loss through dropping, and thorough spraying the preceding season is even more effective in the prevention of leaf curl than during the season of its occurrence. Some varieties are reported more susceptible to leaf curl than others. Among these are Mountain Rose, Oldmixon, Globe, Elberta, Scott's Nonpareil and Red Check.

The outlook for the apple crop is very discouraging. Of the 14 principal apple growing states 11 report even a lower average of condition than in July last year.



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dangerous.

No one has been able to prove that Bacon was Shakespeare's peer.

DR. FOWLER'S EXTRACT OF WILD STRAWBERRY.

Nothing has yet been found to supersede it for Diarrhoea, Cholera, Cramps, Colic and Summer Complaint. Don't take a substitute. Insist on getting the genuine.

Realization is never a luxury to the man who did not hope.

DR. LOW'S WORM SYRUP is death to the worms every time, safe for the child, and so nice to take the children like the spoon. Price 25c.

Only the fear of endless torment causes some sinners to repent.

AN AWFUL COLD.

Mrs. Wm. Dukes, Pine Grove, Ont., says: "I recommend Dr. Wood's Norway Pine Syrup for Coughs, Colds, Hoarseness and Sore Throat. I had an awful cold and could hardly speak. One bottle of Norway Pine Syrup cured me completely."

It is safer to learn from an enemy than it is to instruct a friend.

HEALTH RUN DOWN.

"I was run down in health and weak and could not get anything to do me good until I tried Burdock Blood Bitters, which has made me strong and well."

THOS. LAWSON,
Terra Nova, Ont.

It's useless for a man to seek a steady job if he isn't that way himself.

ALL NERVES.

Many persons say they are "all nerves," easily startled or upset, easily worried and irritated. Milburn's Heart and Nerve Pills are just the remedy such people require. They restore perfect harmony of the nerve centres and give new nerve force to shattered nervous systems.

Turn some men loose in a brewery and trouble would very soon begin to brew.

FOR internal or external use HAYWARD'S YELLOW OIL cannot be excelled as a pain relieving and soothing remedy for all pain.

Fleecy people would undoubtedly feel off a good deal if they would try bicycling.

If you have been sick you will find Hood's Sarsaparilla the best medicine you can take to give you appetite and strength.

It is easy enough for a man to figure out a plan whereby he may obtain wealth, but—

LIVER TROUBLES, biliousness, yellow complexion, yellow eyes, jaundice, etc., yield to the curative powers of LAXA-LIVER PILLS. They are sure to cure.

Nature's laws are disregarded by the officeholder who occupies two places at once.

KIDNEY-BLADDER TROUBLE.

There is no more serious menace to good health in the present age than Kidney disorders, and it's an appalling fact, but a true one, that four-fifths of the country's people have the taint of this insidious disease with them. Dr. Chase's Kidney-Liver Pills cure all Kidney disease.

The woman who takes in all a man tells her, often does it merely for the purpose of taking him in.

GRAND TRUNK ENGINEER SWEARS BY DR. CHASE'S KIDNEY-LIVER PILLS.

Mr. Geo. Cummings, for over 30 years engineer on the Grand Trunk running between Toronto and Allandale, says: "The constant duty with my work gave me excessive pains in my back, racking my kidneys. I tried several remedies until I was recommended by my friend, Mr. David Conley to try Dr. Chase's Kidney-Liver Pills. Two boxes have completely cured me and I feel to-day a better man than ever. I recommend them to all my friends."

"Learn to say 'No.' It's better than 'Nu.'"

DOAN'S KIDNEY PILLS are the most effective remedy known for weak, painful backs; Dropsy, Diabetes, Bright's Disease, sediment in the urine and all kidney and bladder troubles.

As the twig is bent the limb is inclined to go broke later.

Worms cannot exist either in children or adults when DR. LOW'S WORM SYRUP is used. 25c. All dealers.

A dude often turns feminine heads—but in the wrong direction.

ALL HEADACHES
Hood's Sarsaparilla is the best remedy for all kinds of skin diseases, including eczema, psoriasis, and all kinds of eruptions.

WHAT THE MATTER WAS.

Little Odds of Two Choir Members Which the Minister Spelled.

A minister's widow tells this: "My husband," she said, "had brown eyes that turned deeply, darkly black when he was angry, and which danced with those mischievous mercurial when he was amused. Naturally, in the course of a long life with him, I came to know the varying expression of those eyes pretty well. I used to watch his eyes when he was preaching to know how things were going with him and, incidentally, with the congregation. I remember once in the midst of a most earnest discourse to have seen him stop suddenly for the space of a minute, not more, his eyes growing strangely black, then brightening again with that irresistible twinkle, though the rest of his features remained quite grave throughout. As I said, it was only for a moment; then he resumed his sermon as before."

"What was the matter?" I asked when church was out and we were on our way home. He said: "I was thinking of the choir. I remember once in the midst of a most earnest discourse to have seen him stop suddenly for the space of a minute, not more, his eyes growing strangely black, then brightening again with that irresistible twinkle, though the rest of his features remained quite grave throughout. As I said, it was only for a moment; then he resumed his sermon as before."

"Why, I came so near laughing out in church that there was no fun in it," he said. "Of course the choir is hidden from the congregation behind its protecting screen in the rear of the church, but it chanced to be exactly in my line of vision as I stood on the rostrum. When I stopped in my sermon today, it was because I happened to glance choirward and saw our new soprano and tenor having a quiet game of cards behind the screen. They must have felt my gaze upon them, for when they looked up and caught my eye those cards disappeared so suddenly and mysteriously I thought that in spite of everything I should burst out laughing."

—Philadelphia Times.

ORIGINAL TACTICS.

Unique Manual of Arms Prepared by "Extra Billy."

The most remarkable company of soldiers ever drilled in this country fought under "Extra Billy" Smith, twice governor of Virginia. He acquired the nickname through connection with the extensive mill contracts which he had before the war, his charge to the government of "extra work" on his star routes being so frequent and large as to keep the postoffice department in a state of constant ferment.

He was a grand old man of the rough, honest type of "Blue Jeans" Williams, Lincoln, Thurman, Jerry Rust, Crawford and Jenkins. His education had been sadly neglected, but he compensated for this by his common sense and his three ordinary governors. He drilled his men according to "Extra Billy's Tactics," an unpublished manual of arms.

A drill lesson: Colonel "Extra Billy"—Now, boys, get yo' selves in position. Are yo' ready? Tote arms! Deliver arms! Rest yo' mukkets! Tote arms! Ground yo' rifles! That's so! He good. Are yo' ready again? Well, here we go. Fix yo' stickers! (Fix bayonets.) Now charge! Forward and stick 'em!

One day he led his men into a blind lane about a mile long, and arriving at the end could not see his way out except by tearing down fences and going through a wheatfield guarded by an angry farmer with a dangerous looking gun. The objective point was the opposite side of the field. After studying gravely the situation he gave the order, "Disband, boys, as meet me tomorrow mornin on the other side of the field where we aimed to git this evening."

—Kansas City Journal.

A Military Trick.

One of our German-American citizens related the following incident of the German revolution of 1848: "We were about 200 men and had a large number of prisoners to look after. That did not worry us as long as we were not moving, but one day we had to make a forced march. The country through which we were to pass was hostile, and extreme watchfulness was necessary. We had few enough men as it was, and we knew that those prisoners were ready to make a dead run at the first opening."

"Finally a young officer made a brilliant suggestion, and it was promptly carried out. We ripped the suspender buttons from the prisoners' trousers, took away their belts and knew we had them. Their hands were busy after that, and fast running was out of the question. We made the march safely, and I do not believe that even Yankee ingenuity could have invented a simpler solution."

—New York Tribune.

A Coward Knew.

"Tom, that old day backed mow! of yours ain't no good under a saddle, is he?"

"Nope; too slow an clumsy."

"Ner in th' buggy or waggin?"

"Nope; too awkward for that."

"Ner at pullin or the plow?"

"Nope; waste too much too much."

"What you keep him for, then?"

"Waal, you see, we ain't got no clock at our house, an that ole mow! trys at dinner time just as afore as the year's turns over. Yesser, I've been called to dinner by that mow! for the last five years an I'm allus right plumb on time."

—Atlanta Journal.

Well Remembered.

It is recorded of a young top who visited one of the Rothschilds that he was so proud of his masculine sleeve buttons that he insisted upon exhibiting them to his host.

The latter looked at them and said: "Yes, it is a pretty stone. I have a mantlepiece made of it in the next room."

Nature has given us two ears, two eyes and but one tongue, to the end that we should hear and see more than we speak.—Socrates.

A whale of 50 tons weight starts 145 horsepower in swimming 19 miles an hour.

TOO WEAK TO WORK.

A College-woman, Ont., writes to tell how Milburn's Heart and Nerve Pills strengthened his heart, invigorated his nerves, and restored his health.

Weak heart and weak nerves mean weak body. No one can be strong and vigorous with the heart and nerves disordered or diseased. Milburn's Heart and Nerve Pills not only overcome all danger due to irregularity of the heart beat, but through regulating that organ, strengthen the nerves and enriching the blood they give new vitality and energy to the whole system.

Mr. Geo. Gray, the well-known painter, corner of Napier and Simcoe Sts., Collingwood, Ont., says: "For fifteen years past I have been afflicted with very weak nerves and heart trouble. I never could obtain sufficient sleep and felt as tired when I got up in the morning as when I went to bed. In addition to this I suffered much from palpitation of the heart and shortness of breath. My blood was thin and watery and I soon lost flesh and became debilitated. It was a great task for me to walk any distance or follow my usual occupation."

"In March last I got a box of Milburn's Heart and Nerve Pills and they did me so much good that I bought another box. The great change for the better they have worked on me is wonderful. My nervous system is now as strong as ever, my blood has been enriched and my heart beats strong and natural. I now walk and work as well as ever I did and am only too glad to recommend these pills to all who suffer as I did."

Milburn's Heart and Nerve Pills 50c. a box or 3 boxes for \$1.25, at all druggists. T. Milburn & Co., Toronto, Ont.

LAXA-LIVER PILLS cure Sick Headache and Biliousness. Price 25c.

C. C. Richards & Co.

Dear Sirs—I have great faith in MINARD'S LINIMENT, as last year I cured a horse of Ring-bone, with five bottles.

It blistered the horse but in a month there was no ring-bone and no lameness.

Daniel Murdochison,
Four Falls, N. B.

(Time is caught by the tail more frequently than by the forelock.)

The victories of Hood's Sarsaparilla over all Forms of disease conclusively prove that it is an unequalled Blood purifier. It conquers the demon, Scrofula.

Relieves the itching and burning of salt rheum, cures running sores, ulcers, boils, pimples, and every other form of humor or disease originating in impure blood. The cure by Hood's Sarsaparilla are cure—absolute, permanent, perfect cures. They are based upon its great power to purify and enrich the blood.

Every man knows how a wife should be managed, but few are able to do it.

A woman really never knows the meaning of happiness and content until she is the mother of a healthy, happy child. The health of the child depends on the health of the mother, both before and after birth. Most all of woman's weakness and particularly the weakness that most strongly influences the health of children, comes from some derangement or disease of the distinctly feminine organs. Dr. Pierce's Favorite Prescription will cure troubles of this nature. It should be taken regularly by every woman during the entire period of gestation. It gives strength to all the organs involved, lessens the pains of childbirth and insures the health of both mother and child.

Send 31 one-cent stamps to cover cost of mailing only, and receive free a copy of Dr. Pierce's Medical Adviser. Address, World's Dispensary Medical Association, Buffalo, N. Y.

All the world's a prize ring, and all the men and women merely scrappers.

MILBURN'S Sterling Headache Powders are easy to take, harmless in action and sure to cure any headache in from 5 to 30 minutes.

A wise man baits his hook with inquiry, but a fool baits his with impertinence.

HAD READ ABOUT IT.

"I had a distressing pain in my side and was also troubled with severe headaches. My blood was out of order and my constitution was generally run down. Reading what Hood's Sarsaparilla had done I began taking it and after using two bottles I was cured."

HOOD'S PILLS cure rheumatism, sick headache, biliousness, indigestion. Price 25 cents.

A man's unreliability very often exceeds his assets.

CHURCH COURTS.

May Differ and Split Hairs on Doctrinal Points, but may Join Hands for Humanity in Proclaiming the Virtues of Dr. Agnew's Catarrhal Powder.

Catarrh, that dread menace to humanity, attacks the high, the low, the rich, the poor, the learned and the illiterate, but Dr. Agnew's Catarrhal Powder is the sovereign cure and needs no more reliable testimony of its efficacy to cope with and cure this disease than that such eminent divines as Rev. W. H. Wilbur, Methodist; Rev. Munro Fraser, Presbyterian; Bishop Sweetman, and other prominent leaders in the Church courts, who have over their own signed and sealed testimonies of its efficacy.

What better evidence for you than that it will cure you.

For sale by J. W. McLarn, Chatham.

No other preparation has ever done so many people so much good as Hood's Sarsaparilla, America's Greatest Medicine.

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