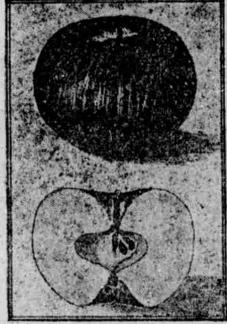
ORIGIN AND DEVELOPMENT OF PROMISING NEW FRUITS

By William A. Teilor, Pomologist in Charge of Field Investigations, Bureau of Plant Industry.

varieties is a very important phase of about 1850 to 1860. and not well suited to highly specialof American-grown sorts has been accumulated our fruit growers must



The Carson Apple.

continue to test such new sorts as give promise of meeting their special needs. The present article of this series a calls attention to some of the more recently introduced varieties that appear to possess distinct merit : testing in different fruit districts. The Carson Apple.-Theoriginal tree this variety was obtained about 1835 by a relative of Mr. Nathan Moore, of Toledo, O., from a small apple seedling nursery in Wood county, Ohio, owned by a family named Carson. When it came into bearing, about 1850, it was so attractive in appearance and of such excellent quality that Mr. Moore began its propagation and dissemination in Northern Ohio about 1855 under the name "Carson," which it has ever since borne. Its excellent record for productiveness, beauty, and quality in northern Oldo for a half century renders it worthy of experimental planting throughout the Lake region and



The Crocker Pear.

the New England states, both for the home orchard and as a commercial

The apple in form is oblate, sometimes slightly conical; size large; surface smooth, with occasional russet knobs and patches; color pale yellow, washed, splashed, and narrowly striped with bright crimson; dots rather large, conspicuous, and protruding; cavity medium, regular, deep, russeted; stem of medium length and rather slender; basin very large, deep, abrupt, furrowed, and sometimes russeted; calyx segments converging: eye large, closed; skin thin, tough; flesh yellow-1sh, with satiny luster when fresh cut; texture fine, tender, julcy; core small, broad, oval, clasping, nearly closed; seeds few. plump, medium, brown; flavor subacid, pleasant; quality very good. Season, November to March in northern Ohio.

Tree vigorous and upright in habit, very productive.

The Crocker Pear. One of the most evident needs of the American commercial pear grower is an attractive winter variety of good dessert quality that is at the same time productive nd at least fairly resistant to blight. M st of the European winter varieties that far tested in this country have Farm Journal. Sounds good. Try it failed in one or more of these importent particulars when transferred to

America, so that the supply of desiremand of our domestic markets. One about 255,000 are pure bred in the of the most promising new varieties milk line.

In a country like the United States | in this field is the "Crocker," which which embraces so wide a range of appears to have originated in a small climatic and soil conditions, the orig- orchard planted by gold miners on the ination and dissemination of fruit American river, near Loomis, Cal.,

economic pomology. Without the Its form is oblong, obovate, pyriform, origination of varieties adapted to pe- somewhat angular; size medium to culiar regional conditions, there are large; surface rather smooth; color few sections in which profitable com- rich yellow, somewhat netted and mercial fruit culture can be perma- overspread with russet; dots minute, nently maintained. A considerable russet; stem medium to long, rather degree of adaptability to climate, re- slender, inserted obliquely, with little sistance to particular diseases or in- or no depression; basin of medium sects, and suitability for special uses size, regular, deep, abrupt, russeted, is essential to the profitable mainten- and furrowed; calyx segments rather ance of fruit plantations in the open small, converging; eye small, closed; air in most of our territory. While a skin rather thick, but quite tender; few varieties of most cultivated fruits flesh yellowish, buttery, juicy, with possess a high degree of endurance some woody granules near core; core of varying conditions, such varieties of medium size, oval, slightly open, are usually of rather inferior quality meeting the eye; seeds short, plump, round, rather numerous; flavor mild ized uses. Until a sufficient number subacid to sweet and very rich; quality very good.

The tree is reported to be a vigorous grower, thus far free from blight, and regularly productive. The fruit is somewhat subject to scab in the locality of its origin, and therefore needs to be sprayed to protect against this disease. Season, January to March in

Placer county, California. The Golden Plum.-Of the hybrid plums originated by Luther Burbank that have been introduced for a sufficient time to render a forecast of their climatic requirements possible, this variety appears adapted to the widest geographical range. The original tree was grown in 1887 to 1888. by Mr. Burbank, from a seed of Fobinson (Prunus angustifolia), which was the result of a cross with pollen of Abundance (synonyms Botan, Yellow-fleshed Botan, Sweet Botan or Burbank, but not of others), one of the best known and most widely grown of the Japanese plums in America. It was named "Golden" by Mr. Burbank in 1892, and a brief description of the variety, based on specimens submitted by him, was published in the report of the pomologist of the department of agriculture for that year. Its form is globular to globular oblate; size medi-



The Golden Plum.

um to large; cavity of medlum size, deep and abrupt; stem of medium length, rather slender; suture shallow, except at apex, which is slightly depressed; surface golden yellow, slightly blushed with carmine when well ripened and covered with thin bloom; dots numerous, russet or gray; skin moderately thick, tenacious, rather acid, and when picked prematurely quite bitter; stone small to medium, oval, cling; flesh yellowish, translucent, with yellow veins, tender and julcy, yet firm enough to endure shipment well; flavor rich, subacid, pleasant: quality good to very good. Season medium, about July 20 to 30 at Augusta, Ga.; reported by Mr. Burbank to ripen through a period of five or six weeks during July and August in Sonoma county, California.

Tree dwarfish and compact, with small foliage, resembling its Chickasaw rather than its Japanese parent in these respects, a good bearer, and apparently hardy throughout all but the coldest plum districts. It is apparently particularly well adapted to the

South Atlantic and Gulf states. What to Do With Old Combs .- To render surplus combs into wax, break them into small pieces and put them into a cheesecloth bag. Then put the bag of combs into a boiler half filled with cold water, and after boiling a half hour remove from the stove and sink the bag to the bottom with a weight. Cover up and let it cool off slowly, when you will have all the wax on top of the water and the refuse in the bag.

Watermelon at Christmas Time .-If when cutting corn you will place in one of your largest shocks about a dozen of your choicest watermelons, at Christmas, when the snow is on the ground and the frost is on the pane, you can sit by the roaring fire and eat one of your melons, which has kept all that time in the shock of corn .-

Few Pure Bred Milk Cows .- A New York farm paper avers that out of ble winter sorts is rarely equal to the 17,000,000 cows in this country, only



A PRESENT HELP.

the Fortunate Modern Bride-The "Book Shower" One of Them -Game for Children.

The bride of to-day is a very locky individual, for, besides her wedding rest should be taken, for with physical presents, she has all sorts of delightful affairs given by her intimate friends. There are "stocking," "hand- than the brain. A woman who is nervkerchief," "plate and cup and saucer," "linen," "book," "flower," "kitchen" of these functions are likely to fall to working at high tension, yet 'w exwill. Great care should be taken that of time to be properly rested." only one's nearest and dearest friends are asked to parties of this kind; strangers or mere calling acquaintances should not be asked to contribute, for it would be embarrassing both to the giver and the recipient; this is one of the instances where a hostess must be sure of who the brideelect would like to be present. Remember that the "gift without the giver is bare."

One of the very latest fads is a 'turnover collar shower." Each guest is asked to bring material for a turnover and her thimble, and at the conclusion of an afternoon the fair (we take it for granted that adjective applies, as it seems to be the prerogative of a bride to be termed thusly) bride-to-be will have a number of these useful accessories to her troussean.

The "book shower" must be arranged by a person who can find out what volumes the recipient does not possess, so there will not be duplicates. The name of the donor with an inscription will greatly enhance the value of the gift, and it is safe to say that this collection will be more than prized when placed upon the book shelves of the new home. The handkerchief and linen showers are both pretty. Each article can be thrown at the bride until she is fairly buried under the white offering.

The "china" shower is always a favorite, and a unique way was devised for the stocking shower by having a large "shoe" candy box in the center of the luncheon table with a ribbon going to each place; when the ribbons were pulled all drew out favors except the honored guest, who drew out a number of white packages, all rolled tight in white tissue papera pair of silk hose from each guest present.

A flower shower is the very prettiest of all, and should be given the day before the wedding. Each guest brings a bunch of flowers, and the bride is literally showered with blossoms from a huge floral ball suspended in a doorway. Have a large ball made of wire, cover with moss, and fill closely with flowers; carnations make a perfect sphere. The ball is made in halves and filled with rose petals. When farewells are being said the hostess pulls a ribbon which separates the two halves, releasing the petals, which fall upon the young woman who is about to leave the realm of single blessedness for the new and unknown way. This scattering rose leaves on the pathway of a bride is a very old custom.

A Game for Children.

Form a circle and cast lots or take a vote as to who shall be the "huntsman." When chosen, the hunter proceeds to give a name to each person -one becomes his coat, another his hat, gun, belt, shoe, etc. The huntsman then walks around on the outside of the circle, and calls for each article in turn. As they are called each person arises and takes hold of the person in front of him, the first person having attached himself to the hunter's coat talls. When all are going at a rather rapid pace, the hunter suddenly calls "bang!" then all, including the hunter, rush for a seat, and the one left must become the MADAME MERRI. hunter.

NEED OF SLEEP VARIES.

Much Depends on Temperament and Whether Mental or Physical Fatigue.

each night depends upon the kind of work she does and upon temperament. If she is nervous more rest and sleep are required than for one of a phlegmatic nature, according to a physician who has specialized along these

"The number of hours of sleep a woman or man gets is usually a habit governed by their mode of living." she savs. "and for this reason one can easily regulate the time to have suf-

"The accepted time for sleep is eight then the extra time can be spent in pleases.

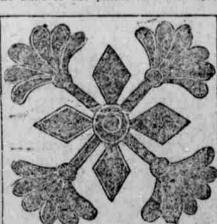
OF AID TO HOSTESS some profitable way, while if nine or be taken, even if the recreation period has to be cut short. For a woman SUGGESTIONS THAT MAY PROVE who does not get enough sleep is not only never a success in business, but is irritable in her home and undoubtedly is encouraging mental Some Pretty Ways for Entertaining breakdown and nervous prostration, either of which is bound to follow in time.

The amount of sleep needed depends largely upon the work done during the day. If it is mental more labor the body may be more wearied, but it recuperates much more quickly ous needs from two to three hours more each night than one who is not, and "novelty" showers. Some or all especially if her business keeps her the lot of a girl who announces her en- citable persons ever get enou a sleep, gagement, and who gives her friends for it seems almost imposs ale for this opportunity to show their good them to stay quiet a sufficient length

PILLOW FOR THE SOFA.

Design That Is New, Pretty, and Easily Worked.

This design for a sofa pillow is a patchwork square enlarged. It is supposed to be a "daisy" square, but is made of red silk, the circle at the base of the petals and the small



Effective Sofa Pillow Cover.

inner circle in the center of yellow silk, the outer circle (center), stems and diamonds (leaves) of green silk, the whole appliqued on black satin. is finished with a large velloy and black cord.

BOTH PRETTY AND EFFECTIVE.

Description of Costume Worn at French Bathing Resort.

Yesterday afternoon, on the planches, I saw a most effective white frock, accompanied by a big Tuscan hat and a very long veil of dark emerald-green gauze, writes a correspondent from Trouville, France. The whole turn-out was chic as possible and entirely uncommon; the woman who wore this pretty costume

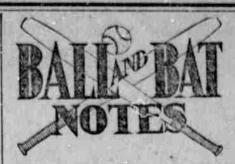


White Frock and Tuscan Hat.

was very dark, with a complexion of ivory and with vivid red lips. The bright green veil suited her to a ebarm. In Paris it certainly would have looked bizarre, but near the sea it was quite suitable. Pale blue vells are generally becoming, but pure How long a woman should sleep white is best of all; it is always flattering to the skin and with burnt straw or Tuscan it is adorable.

"Nap" Promotes Beauty.

Some people have the gitt of sleep and others haven't. The secret of more than one notable instance of beautiful mothers and grandmothers is acknowledged to be due directly to tro, sold to Birmingham. the power of sleep, to take a quiet little-nap at any time of the day, when a busy afternoon or long evening is before them. It really seems, then, one of the cleverest attainments open hours, and for the average individual to the eternal feminine, th's capacity this is enough but if less is needed of capturing 40 winks whenever she



American League Notes.

The Boston club has secured Milaukce's star pitcher, Oberlin. White, of Chicago, has pitched two

one-hit games so far this season. Falkenberg has pitched many grand games for the Washingtons this sea-

President Comiskey, of the White Sox, has purchased James (Buck) Freeman from the Evansville team of the Central league. Freeman has pitched 25 games this season, losing six and winning 19 with a team that has been over the .500 mark but a



James (Buck) Freeman.

week all the season at his back. Eight of his victories have been shutout games, one a no-hit game, three twohit games and five three-hit games. The average number of hits secured of him per game is four and one-half. He has hit .315.

It is reported that Catcher Kleinow vill not be able to play again this

It leaked out that Messrs. Kilfoyl ind some others of the Cleveland club on July 18 in New York made the players of the Cleveland team an offer of \$5,000 cash if they succeeded in winring the American league pennant.

"Kid" Elberfeld, the fighting shortstop of the New York Highlanders, nas been indefinitely suspended by President B. B. Johnson, of the Ameri can league for attempting to assault Umpire O'Loughlin in a game recenty. Elberfeld was recently suspended ndefinitely by Mr. Johnson, but was illowed to resume playing on his promise to be "good." The president has intimated that on account of Elperfeld's frequent outbreaks he may teep the scrappy player out of the game for ten days.

National League News.

The Boston National club has released Pitcher Roy Witherup. The Pittsburg club has purchased Catcher Shaw from the Louisville

club. Ferguson, of New York, is said to be the speediest pitcher in this league. Cincinnuti is believed to have a mortgage on Pitcher Del Mason, of Baltimore,

The new St. Louis shortstop, Forrest Crawford, has a splendid throwing

Charles W. Murphy, president of the Chicago club has received word that Randall, the crack right fielder of the Denver team would become the property of the cubs after the present play-

ing season. He has been drafted. The St. Louis club announces the purchase of Outfielder Kelley from the Baltimore club for next season.

Pitcher Bell has been warded to Brooklyn by the National commission on evidence submitted by President

The Pittsburg club has purchased Bert Maxwell, one of the star pitchers of the Southern league, from the Mem-

ohis club. The New York club has signed for a try-out next spring Phil Smith, the nigh school phenom of Plainfield, who

s twirling for Hoboken. Harry Steinfeldt, who has been tabeled a "dead one" in Cincinnati for several seasons, threatens to be the leading batsman of the National league this season.

Among the Minors.

Charley Zimmer has declined the offer of President Kavanaugh, of the Southern league, to become an umpire. In response to inquiry, Chief Joyner, of Atlanta, has stated that he expects Manager Smith to manage the Atlanta team next year.

The Little Rock club has secured two new players in Shortstop Ed Kapham, of Galveston, and Outfielder Eddie McCormick, of Austin.

Infielder Rockenfield, of last year's St. Louis Americans, has been secured for the remainder of the season by Nashville to replace Shortstop Cas-

Announcement has been made by Nashville that final terms have been agreed on for the sale of Shortstop Nicholls by Memphis to Counte Mack's Philadelphia Americans.

Toronto has signed Machael Wotell, of the Lake Linden tesm of Michigan.

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