

# HINTS TO AMATEUR GARDENERS.

PREPARED BY H. C. IRISH

Of the Missouri Botanical Garden,  
St. Louis, for the National Council  
of Horticulture.

## BELLEVILLE.

The botanical name of the Belleville is *Platanus grandifolia*. It is a handsome, bushy plant, with large, deeply lobed leaves, and is one of the most beautiful of the deciduous trees. It is native to the banks of the Mississippi river, and is now cultivated in many of our parks and gardens. The flowers are small and white, and are borne in large, terminal panicles. The fruit is a large, round, greenish-brown capsule, which is covered with a thick, warty skin. The tree is very hardy, and will grow in almost any soil. It is also very long-lived, and will often reach a height of 100 feet or more.

## ZINNIA.

These are half hardy annual plants of splendid color and thrive best in warm, well drained locations. They are among the most effective summer bloomers, and flower late into the autumn. Their blooms are not easily injured by inclement weather but retain all their freshness and gay coloring at a time when many bright flowers are present in a sorry state. In mixed borders and in beds among some other plants well grown zinnias are always attractive. Seed should be sown in gentle warmth. It is best to sow the seed in a box or shallow pan, and to keep the soil moist. The seedlings should be transplanted when they are about an inch high. They should be watered frequently, and should be kept free from weeds. The flowers are of many colors, and are very showy. They are also very hardy, and will grow in almost any soil.

## SALISBURY.

The oyster plant, as salisbury is called, is a biennial. Its name is earned by the flavor of its parts, to soup, not so pronounced in strength as the real oyster, but similar to it and preferred by many. The plant is very hardy and has been introduced into this country from Europe where it is extensively cultivated. It can be grown under rather severe climatic conditions. The seed is sown in a box or shallow pan, and the soil is kept moist. The seedlings should be transplanted when they are about an inch high. They should be watered frequently, and should be kept free from weeds. The flowers are of many colors, and are very showy. They are also very hardy, and will grow in almost any soil.

## GENEALOGY.

All communications for this department should be addressed to the President of the Daughters of the Pioneers, Mrs. Susan Young Gates, 672 North First West Street, Salt Lake City, Utah.

### HOWE FAMILY.

Recently an advertisement of a genealogy of the descendants of Jacob Howe of Rowley, Mass., was seen in an eastern paper. The pamphlet was sent for, with an inquiry to the author of the pamphlet in regard to the work of Judge Daniel White Howe, who has been preparing a Howe genealogy for years. The following answer was sent with the pamphlet:

"Dear Madam: I am sending you one of my pamphlets that you may see what it is. I know Judge Howe of Indianapolis, and have passed many pleasant hours with him. His work for the whole Howe family in the United States has been done for two years, and is waiting for some one to finance the publication, at last accounts. In my preface you will see his name printed. (Signed) Frederick Howe, Jr., Norway, Me."

In his pamphlet, in addition to the direct descendants of Jacob Howe, is given a small pedigree of the following names: Jacob Howe, having married Hannah Foster, daughter of Hannah Putnam Foster. The whole pamphlet is clearly worked out, is very neat and pleasing in appearance, and was privately printed by the author. Price, \$1.

As to the many lines of Howe families in this country: Could not a family gathering of all connected with the American Howes be effected, and some way devised to raise means to send our Utah progeny to Judge Howe, so that the book can be published? All who are interested in the Howe families may send word to this department, and if sufficient encouragement is given, a meeting will be called.

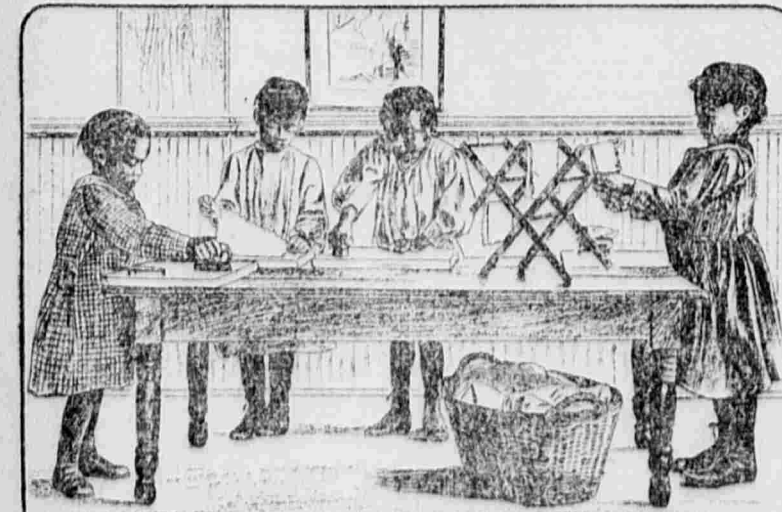
### FANNING FAMILY.

A history of the Fanning family of America from the emigrant ancestor of Connecticut, who came in 1633, carried down to 1900, has just been published. To this American history is added the English Fannings, from Norman times in 1157 down to 1862-3. This work is in two large volumes, with plates, illustrations and folding map. There are only 250 books printed, and are therefore scarce to be soon out of print. Price, \$2.

OLD FAMILIES OF SALISBURY AND AMESBURY.

The genealogical history of these towns down to the year 1700 has been prepared and published by Mr. Hoyt of Providence, R. I. The genealogy states that this is the first volume and will be followed by others. They are worth \$1 each. He also states that he has a few copies of a "Genealogical History of the Hoyt, Haight and Hight families," for sale. Price, \$7. Address: Joseph F. Smith, Jr., Secretary Genealogical Society of Utah, care of Historian's Office, Salt Lake City, Utah.

## STUDENTS AT THE HAMPTON INDUSTRIAL INSTITUTE.



The picture shows some little pupils at the great industrial school at Hampton, Va., taking their first lessons in laundry work. At this excellent school instruction is given in thirty-seven different industries. The institute has proved to be so successful that two similar schools are to be established in British African colonies.

### MORE NEWS FROM THE NEW ENGLAND STATES.

If any one has any doubt as to the virtue of Foley's Kidney Cure, they need only refer to Mr. Alvin H. Simpson, of Williamstown, Conn., who, after almost losing hope of recovery on account of the failure of so many remedies, finally tried Foley's Kidney Cure, which he says was just the thing for him, as that medicine cured him completely. He is now entirely well and free from all suffering incident to his former trouble. F. J. Hill Drug Co., "The Never Substituted."

### DISTURBED THE CONGREGATION

The person who disturbed the congregation last Sunday by continually coughing is requested to buy a bottle of Foley's "The Never Substituted."

Dance, Wampanoag, Saturday evening.

Hay, Grain and Poultry Supplies, Bailey & Sons Co., 63 East 2nd South.

planches of white blossoms are abundantly produced. It comes into bloom the first week in June. It is well adapted for planting in the foreground of tall shrubs of similar habit and for the foundation of buildings where tall shrubs cannot be used. This is one of the easiest shrubs to force into bloom in a greenhouse.

## KALE.

Kale or borecole is one of the easiest and most satisfactory of crops for the home gardener. If the soil is fairly rich little or no fertilizer is necessary.

Seed should be planted in light soil and after the plants have become crowded they should be thinned out, and about the middle of June transplanted on a cloudy damp day. If the season is dry the plants must be well watered before and after transplanting. This plant does not form heads, as the cauliflower and it is more hardy than that vegetable. It can stand frost and will remain all winter in the field, the flavor being improved indeed after the leaves are frozen. In August the soil should be thrown up with a single plow between the rows, so the plants stand on small ridges, with furrows between to drain off the surplus water in the winter months.

## GROWING DAHLIAS.

The dahlia is now obtainable in more than 100 varieties, and for cutting purposes is the latest of field flowers, and for no reason in beauty. It blossoms far into the fall. In planting dahlia tubers remember that the buds are in the neck of the tuber, and if this is cut off the bulb will not grow. Do not plant until all danger of frost is over. Bury the tubers about four inches and water well after planting. Rich heavy soil is needed. The plants should be kept well apart. They should have plenty of light and air but should not be exposed to direct sun. All but the strongest should be remarkably free from the attacks of insect pests. Deutzia gracilis, a native of Japan, is a low, neat growing shrub seldom over two feet and half high with branches slightly arching from which

## IN GORILLA LAND.

An Explorer's Remarkable Adventures Among Cannibals and Pygmies.

Dr. W. G. Anson, who recently brought to the Zoo the male gorilla "Dick" (which died from the effects of the climate on Friday last) has once again turned his thoughts to the equatorial regions of Africa.

Few travelers have a more remarkable record than Dr. Anson. He has spent a whole lifetime among the mixed races of Central Africa, and now, after a fortnight in this country, he has determined to leave. He confided his determination, in the intervals of violent coughing, to Morning Leader's correspondent on Saturday; but he talked of his remarkable experience with cannibals and pygmies, Nigerians and Pongwees, and the hundreds of tribes who make their way across the equatorial regions bordering on the equator.

Dr. Anson has returned to England after eleven months' exploration and scientific research in the Gaboon, and with him he has brought scores of what are at present believed to be new species of African birds and plants. Of these the explorer prefers not to speak, for it is only by exhaustive comparison among all the mammals of the world that these discoveries can be finally established and catalogued.

But of his experience among the Pongwees—a word which has been corrupted to Pongwees, and now, after a fortnight in this country, he has determined to leave. He confided his determination, in the intervals of violent coughing, to Morning Leader's correspondent on Saturday; but he talked of his remarkable experience with cannibals and pygmies, Nigerians and Pongwees, and the hundreds of tribes who make their way across the equatorial regions bordering on the equator.

From Ogoonwe, despite the warnings of the French authorities, Dr. Anson penetrated into a district far from the security of civilization, and he was met by natives who had the reputation of being cannibals. He was accompanied only by native servants.

It was risky proceeding. After pitching his tent, which was covered principally of palm leaves, hordes of thieving natives gathered around him. They stole everything they could lay their hands on, of sleep there was none. Dr. Anson lay at night with his gun beside him to keep off the marauders.

It was in these parts that Dick, the ill-fated gorilla which was brought to England, was secured by the explorer. Gaboon was known to the early explorers as Gorilla Land. It was an early French explorer who, securing a specimen, dispelled the myth of the old records which described the gorilla as the "wild man of the woods."

It was also here with the natives that Dr. Anson almost lost his life. Fired of the thieving and sleepless natives, he was forced to flee. He succeeded in stealing his dust-shot gun, and at once the tribe turned out with loaded guns of their own. It was a desperate moment, which was saved only by the distribution of French coins, of which the natives, although having no coinage of their own, appeared to know the value.

The eleven months which Dr. Anson spent in the Gaboon is but one of a long series of such expeditions. In 1899 he performed a remarkable journey across the African continent from east to west via Mombasa, through Uganda, by the foot of the Ruwenzori Mountains, and down the Congo rivers to the mouth of the Congo. He was a pioneer in the local development of the Gaboon, although one or two English firms remain along the river banks. The natives have noted the displacement of the English traders, and ask why have the English run away?

Dr. Anson is strongly of the opinion that the Gaboon would have been a very valuable trading center for English firms.

The achievement by which Dr. Anson will probably be known to posterity was the discovery of an entirely new family of fishes in the Niger. The family has been named "Piracanthus Ansoni." In addition, he has discovered 10 new species of new genus, and seventy of these have been named after him.—London Leader.

Kidney complaint kills more people than any other disease. This is due to the disease being so insidious that it gets a good hold on the system before it is recognized. Foley's Kidney Cure will prevent the development of fatal disease if taken in time. F. J. Hill Drug Co., "The Never Substituted."

Stairway Piano for Sale Cheap. Piano practically new. Great bargain for right buyer. Address 754 4th Ave. City. Bell Phone 3624 x.

## Little Ills of Children

Mothers and all others who have children about the house cannot do their families a better service than to learn of simple and reliable remedies that correct children's ailments. Many grown people are suffering today for the ignorance or negligence of those who had charge of their bringing up.

Children are prone to constipation, and if it isn't corrected early, the bowels get in the habit of not working normally and soon chronic constipation results that may last off and on all through life. Then children eat almost continually and as a consequence indigestion sets in soon followed by worms, or stomach pains, or diarrhea, or any one of a dozen other troubles. To say that it will right itself is putting together too much faith in chance. It is toying with the child's present and future health.

A better way is to give a child a dose of something intended to cure that very trouble, and nothing better for the purpose is known than Dr. Caldwell's Syrup Pepsin. It never grips but is a gently and it has a pleasant taste the child will never refuse to take. Buy a 50-cent bottle of your druggist and save the child from sickness. You should remember that a child whose stomach is in good working order is not likely to catch colds and fever diseases.

Mrs. Curry, of Trowbridge, Ill., attributes the remarkable health of her child to Dr. Caldwell's Syrup Pepsin, which she gives regularly in these disorders. Mrs. Everette, of Hillsboro, Ill., is frank to say that the present health of her five-year-old boy is entirely due to this wonderful remedy. Try it in your own family and see if you cannot share these opinions. Every bottle is guaranteed to do exactly as we claim, and the purity of ingredients is also vouchered for.

**FREE TEST**—Those wishing to try Dr. Caldwell's Syrup Pepsin before buying can give a bottle to their home by addressing the company. This offer is to prove that the remedy will do as we claim, and is only open to those who have never taken it before. Send for it free. THE PUBLIC VERDICT: "No Laxative So Good and Sure as DR. CALDWELL'S SYRUP PEPsin." The product bears purity guarantee No. 17, Washington, D. C.

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## INVENTION TO DE-TECT THE LIAR

The activities of the German-American professor of psychology at Harvard university, Prof. Hugo Munsterberg, every now and then startle the world. His latest endeavor is to discover the liar, and thus cure his malady. He says that in the proper use of three very delicate machines which he has invented to record the emotions, as indicated by the action of the nerves, the breath and the heart, anyone can be detected in the act of falsifying.

The simplest of the machines is called the autograph, and is merely a rest suspended from the ceiling upon which lies the arm of the person being examined. A pencil is grasped lightly in the fingers, the point of the pencil just reaching a smooth sheet of paper, which records the involuntary writing of the suspect. It has been learned that the arm muscles thus used constantly twitch under the stress of any passing emotion.

Another instrument, much more delicate in construction, is the "pneumograph," which records any variation from the normal breathing caused by an emotional suggestion. The recording of these emotions is done electrically in another room far removed from the suspect.

The effect of emotional stress upon the rate of breathing is a matter of common knowledge, but the reduction of the character of each breath is a matter of very recent scientific research. Every breath writes its own history, and thoughts of the mind are easily uncovered by reference to the chart.

Perhaps the most delicate of all of these instruments, however, is the "spysograph," which is attached to the wrist and records the action of the heart beats. Of the three kinds of emotion, that of the heart is the most sensitive and the least influenced by the will. For this reason it is the surest test. The record of its halts, jumps, and rapid beating is the most significant of all.

With all these instruments attached to the same person at once, and a definite chart knowledge of every motion at hand, it is declared that that will be necessary when examining a suspect will be to compare the voluntary records he has made under examination with the records of an innocent man, and thus the examinations—Technical World Magazine.

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The picture given herewith is from a photograph taken by the murdered crown prince of Portugal a few days



before his death. The subject of the picture is Prince Manuel, now the reigning king of Portugal.

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A scientist has been making some interesting experiments and has discovered that to bite a piece of boiled beef we exert a pressure of three pounds. Roast lamb needs four pounds, corned beef twenty, pork twenty-five and roast beef as much as forty.

You can make the experiment very easily for yourself. Take a crust of dry bread, lay it on a table and place weights upon it till it is crushed. You will find that the weight necessary is about fifteen pounds.

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23 West 1st South, Ind. 3231.

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