POULTRY

ITEMS CONCERNING THE CARE AND TREATMENT OF LARGE AND SMALL FLOCKS THAT WILL INTEREST OUR POULTRYMEN

In the matter of the domestication of poultry it seems reasonable to assume that fowls came under domestication soon after men began to build themselves fairly permanent dwellings. However, H. E. Sharp, Colbert, Washington, writing about the "Origin and History of Langshan Fowl," places the first domestication of fowls, and what he assumes to be the direct ancestors of the Langshans, in China about 2700 B. C. Reference is made to early Chinese writings which describe domestic fowls as having "black legs, feathers, skin and bones." Quoting Dr. H. F. Helmoldt's "History of the World," Fu Hsi, who was a Chinese leader about 2842 B. C., "taught men to tame the six domestic animals." He was succeeded by Shen Nung or Yen Ti, "The Divine Husbandman," who was followed by "the first tangible monarch" Hwang Ti. This latter ruler, Hwang Ti, quoting from "Historians' History of the World" by H.S. Williams, "built roads, invented ships and organized the empire." He is further credited with the domestication of the wild boar, the ox, the fowl, the donkey and the dog. His wife discovered the silkworm and spun the first silk for cloth.

A well-known American poultryman who has traveled much in Egypt has visited Egyptian incubators in the Nile country and made a study of the Egyptian methods of artificial incubation. One mammoth incubator, or rather building built of sun-dried mud containing incubating ovens, is located at Luxor and has a capacity of 25,000 eggs at one time. The heat is supplied by small smouldering fires of buffalo and camel dung. Mr. Paine says that this method of hatching dates back to very early in Egyptian civilzation. The methods are the same as have been used for many centuries. The attendants train apprentices to succeed them. Temperature of the eggs is tested by the attendant touching the egg to his closed upper eyelid. The number of unhatched eggs was small, there were lots of chickens and "all seemed as lively as crickets" in spite of the acrid smudge from smouldering camel dung. It would be very interesting to know just how far back in history this ancient method of artificial hatching was in use.

Some of our poultry experiment stations have given enough time and research work to proving out digestibility of the ordinary feeds used in growing young stock for the production of eggs. Dr. B. F. Kaupp, poultry investigator and pathologist, North Carolina experiment station, a wide investigator and recognized authority on poultry science, has the following to say about feed:

"Our tests confirm those of Bartlett and others that fowls digest fiber with difficulty. The percentage of fiber varies from 2.16 per cent in the case of five tests with fat extracted soybean meal to 11.69 per cent in oats. It is quite apparent that fiber content of poultry feeds should be as low as possible. The rapidity of digestion in fowls may be the reason for the low digestibility of fiber. Digestion tests with livestock show that the animals with the longer intestine digest fiber more readily. The low digestibility of fat and fiber in wheat bran leads us to not favor its use as general and in such large quantities as used by many poultrymen.

"Wheat middlings is at the foot of the list in the total number of digestible pounds in 100 pounds. This is true, studying the first series of nine digestion trials, showing 49.99 pounds in 100 pounds, the second series of six tests with 58.61 pounds and the third in combination with unbolted cornmeal with 61.70 pounds in each 100 pounds. The average of these eighteen tests is 56.76 pounds.

"Our tests show 88.18 per cent nitrogen free extract digested in oats in six tests as compared to 69, by other authors with the exception of Bartlett, who gives 90.10 per cent. Our hulled oats experiments, in five tests, show 86.22 per cent digested by the fowls. The feeds high in nitrogen-free extract can well be used to make up the starch or carbohydrate part of our poultry feeds. Such feeds are corn, wheat, oats and kafir corn. Kafir corn makes an excellent substitute for wheat, and should be used more if the price will permit. With the exception of wheat and wheat middlings, the digestion of fat or other extract is no more variable than for other feeds. Barley is only moderately low, having 64.36 per cent of the fat digestible.

"As a closing paragraph we should like to suggest that, as the results of our eight years' study in digestibility, mineral requirements and acid base balances, we feel safe in recommending the following suggestions in making up the entire feeding program for poultry. As to mineral, we find that grains and mill by-products are deficient in sodium, chlorine, calcium and phosphates, and we suggest that to make good the chlorine and soda deficiencies add to each 100 pounds of mash one pound of fine table salt, and thorough mix it with the mash. To make good the phosphate the best thing is bonemeal 4 per cent in the mash."

A Warm Christmas

The United States basked in record temperatures for Christmas Day and Kent County was no exception to the general rule which prevailed throughout the country. The highest reading was recorded at Fort Worth and San Antonio, Texas, and New Orleans, La., where the thermometer registered 78 degrees. Kansas City, Mo., reported a temperature of only ten degrees lower, the warmest Christmas ever officially recorded there. The same weather prevailed throughout Missouri and Kansas. Chicago had the warmest Christmas in years with the mercury reaching 45 at 5 o'clock in the afternoon.

BOY SCOUT MEETING

Drive Started To Obtain Kent's Quota For Eastern Shore Organization

The public meeting, for the forming of a Boy Scout organization in Kent County, held at the American Legion headquarters last week, started the drive for Kent County's quota. Mr. Mitchel, the promoter of the Eastern Shore organization, was present and talked on the advantages of being a Boy Scout, what they did, and why there should be a Boy Scout organization on the Eastern Shore and also why Kent County should belong.

He also showed some very interesting slides, show what the Boy Scouts of Baltimore were doing, their summer camp, how they helped others, while at the same time they were developing themselves mentally, morally and physically.

Every boy present said he wanted to become a Boy Scout and wanted to know how soon they would be able to do so. This depends upon the people of the county, who are interested in these boys.

The following letter, which is titled "A Mother's Testimony," tells of the many advantages of becoming a member of this organization.

A Mother's Testimony

It is, indeed, a pleasure to give my word of praise in describing the Boy Scouts. I have followed the history of scouting since its formation with a great deal of interest and I now regret that I could not do more to further the well-being of this excellent organization. The few remarks that follow are inspired by my desire to show what improvement has been made in my own boy.

When my boy first spoke about joining the Scouts, I confess that I viewed the undertaking with some misgiving, having at that time a rather hazy idea of what Scouting really meant.

But now, after more than six years' membership on his part, I am an enthusiastic advocate of this form of boy training.

To begin with, it brings a boy into association with other boys of his own age under clean moral influences. He learns to think and feel as boys do, instead of as his elders do. In short, he learns to view life from a boy's point of view, which is entirely fitting and desirable at his age.

The movement is a benefit and uplift to the entire community as well as the boys. The boy who joins the Scouts does so with the understanding that he obeys their rules and teachings, which not only stimulates his imagination, but brings him to rely upon himself in emergency. It increases his resourcefulness in that he is obliged to do and think for himself; and it promotes self-reliance for the reason that when he finds he can do things for himself he ceases to feel dependent upon his parents in every undertaking.

The world war has shown us the necessity of a good physique; some sort of mass training and a better knowledge of the highways and byways of this great country, this knowledge is obtained by boys participating in the hikes under the guidance of the capable scoutmaster. He is taught to keep his body clean and healthy, and a clean, halthy body presages a wholesome mind. The hikes in which he engages from time to time promote bodily strength as well as mental vigor. In fact, it is a question in my mind which feature is predominant, the physical or the educational.

The atmosphere into which Scout work brings him is wholesome and manly. He learns to distinguish between right and wrong, the noble and ignoble. He is taught to be considerate to others, which is manliness in its truest form. To be known as a Boy Scout and associated with the Boy Scout movement, marks a boy as the making of one of our best citizens.

Scouting is the greatest movement to give us our future American Man. Regardless of creed, all take the same oath, which to my mind is the finest creed on earth; but with it all we fathers and mothers must be back of it. All men and boys require encouragement to get ahead and this organization invites mothers and fathers to come along and be a Scout with them, something unknown in other organizations where "no women allowed" is usually written or understood, and to my mind there must be something wrong where women are not to be seen, consquently I do not feel we can do too much to bring all boys into this great club, where one boy is equal to the other.

Knowing these advantages and that the boy is depending upon someone, the parents, particularly the mothers, should lend their moral and financial aid to advance the well-being of the boy.

To Keep State Roads Free Of Snow

John N. Mackall, chairman of the State Roads Commission, announced recently that the snow clearing equipment of the commission is ready to cope with any snowfall that might occur. This will be good news to Kent people living along the highways. Men who will handle the equipment have been assigned to the work. They will be on the job all winter. All the district engineers of the commission will be on duty over Christmas. They are expected to be ready to direct the work of snow removal in their district.

This year the entire State Roads System of 2000 miles is expected to be kept clear. This work was undertaken in Maryland three winters ago by Mr. Mackall, the first year about 500 miles of the main highways being kept clear. Last year the work was extended to nearly the whole system.

The big snow storm of last winter was handled well. Although it required a couple of days to open the roads to traffic, they were passable long before the streets of most of the towns and cities of the state were opened.

This winter 50 snow plows and 50 big trucks will be engaged in the work. Each plow and truck will be assigned to its own stretch of road and will go back and forth over that stretch so long as snow continues to fall. The beginning of a snow fall is the signal for the equipment to get on the job. It stays on the job so long as snow continues.

Maryland, it is said, is the only state that undertakes to keep its entire roads system clear of snow and is one of the pioneers in snow removal on roads in the country.

The work is not very expensive, Mr. Mackall says. It is charged to maintenance. According to Mr. Mackall, it costs less to remove the snow and keep the roads clear of it than it does to repair the damage to roads caused by rutting and skid chains of automobiles after a snowfall melts away.

WASHINGTON COLLEGE BASKETBALL ACES DEFEAT WATERBURY PROFESSIONALS

While home on their mid-year vacation, Washington College's star basketball players defeated the Waterbury professional team, 20-19. The game was a most sensational one.

It has been definitely decided that Dover will enter the Eastern Shore Baseball League.

The five leading features for the year in sport were: Sarazen, golf; Hornsby, baseball; Tilden , tennis; Hoppe, billiards; Princeton, football.

The University of West Virginia defeated Gonzaga 21-13 at San Diego, California, yesterday. While Gonzago was defeated, it was not humiliated. The victory enabled West Virginia to go through the season undefeated.

The day of the easy schedule in football seems to be drifting out and the big elevens are arranging schedules that will be more like contests for national supremacy than mere clashes between rivals schools.

A very remarkable bowling contest took place at Mr. Lambert's bowling alley last Tuesday evening between two teams composed of Messrs. Smith and Robinson and Messrs. Elliott and Everett. The contest lasted for three games, the former getting 746 pins, or an average per man of 124 1-3, and the latter 792, with an average of 132. Everett's average alone of 141 was remarkable, but the most interesting games were the second and third, when in the second Mr. Elliott bowled 161 and Mr. Everett 143, or a team average of 152 pins. The last game was nip and tuck, with a final score for the victors of 255 to 254, the deciding pin going down in the last box as though by accident. As a four-man team, it looks as though it would be hard to select another four to beat them in a series of games.

MILLINGTON

May the editors of this paper have a very happy New Year.

Mrs. Verma Woodall and Mr. and Mrs. Sudler Wiest were guests last Monday of Mr. and Mrs. Edward Stevens, of Sudlersville.

Mrs. Ella White and Miss Cynthia Nelson visited friends this week in Baltimore.

Mr. H. M. Hynson spent Christmas Day with relatives in Centreville.

Miss Mildred Clark was the guest this week of relatives in Wilmington.

Mrs. James C. Vansant met with quite a painful accident last Sunday by falling down stairs and breaking both arms.

Mr. William Whitehurst, of Baltimore, is visiting his cousin, Mr. Chas. Stevens, near town.

Mrs. Harry L. Higman and little son, James Booth, spent this week with her parents, Mr. and Mrs. I. J. Booth, of Chester, Pa.

Miss Clara H. Bryan was the guest this week of friends in Chestertown.

Mrs. Willie Stevens visited her brother, Mr. Walters Painter, of Sudlersville, this week.

Mrs. Sallie Harrison, of Crumpton, spent Christmas Day with her son, Mr. Paul Harrison.

Mr. James Spear, of Washington College, Chestertown, is spending the Christmas holidays with his parents, Mr. and Mrs. J. E. Spear.

Mr. and Mrs. Charles Stevens, Mr. E. T. Stevens and Mr. and Mrs. Geo. S. Everett and Mr. and Mrs. Dave Felton, of near town, attended the funeral of the former's sister, Miss Emma Stevens, which took place from Calvary M. E. Church, Sudlersville. last Tuesday afternoon.

Mr. and Mrs. Alinda Smith entertained on Sunday at Christmas dinner Mr. and Mrs. George F. Lane, of Warwick; Mr. and Mrs. Howard Clendaniel,of Kennedyville; Miss Lizzie Clark, of Betterton, Mr. and Mrs. B. W. Duling and Miss Clara H. Bryan, of Millington.

Dr. Edward S. Power, aged 65 years, died suddenly last Sunday in Philadelphia just after leaving home for a walk. His remains were brought to Millington on Thursday morning by train and interred in Millington cemetery. Mr. J. A. Tobin was the undertaker. Besides his widow, he is survived by two daughters, of Philadelphia, and one sister, Miss Annie, of Millington.

Miss Lillian M. Brice, one of the popular ladies of our town, and a teacher in the Elementary School. and Mr. G. Spencer Stevens, son of Mr. and Mrs. Charles Stevens, near town, were married last Tuesday at 1 p. m. at the hore of the bride's parents, Mr. and Mrs. John Brile, near Rock Hall. They will reside in the Hurlock house on West Cypress St., recently vacated by Mr. William Myers.

Mr. George W. Everett has moved from the Taylor farm, near Unicorn Mills, to the Sudler farm, near Sudlersville.

Mrs. Joseph N. Moffett, of Chester, Pa., was the guest this week of her parents, Mr. and Mrs. John Kulley, near town.

Miss Mary Feddeman, of Baltimore, visited her parents, Mr. and Mrs. R. E. Feddeman, this week.

Mr. and Mrs. George Bartlett and little son, Roland, and Mr. Carroll Burris, of Wilmington, Mr. and Mrs. Harry Freeman, of Chester, Pa., and Mr. and Mrs. Linwood Burris, of near Delaney's, spent the past week end with their parents, Mr. and Mrs. W. H. Burris.

Mr. Harry B. Fischer, Mr. and Mrs. Molton and Mr. Bishnel, of Philadelphia, were guests last week of Mr. and Mrs. George S. Everett, at "The Oaks."

Mr. Spencer Stevens visited relatives at Hillsboro, Md., on Tuesday of last week.

Mrs. Herbert Shallis and three little sons, Albert, Roy and William, spent the past ten days with relatives at Darby, Pa.

Mr. Franklin Stevens, of Wilmington, was the guest this week of his parents, Mr. and Mrs. James B. Stevens, near town.

Miss Florence Comegys, of Baltimore, spent a few days this week with her mother, Mrs. S. S. Comegys.

Mr. Jonathan Green died last Sunday at the home of his grand son, Mr. Ernest Sparks, near Morgnec, aged 87 years. The funeral was held last Tuesday at the home of his grand son. Interment in Millington cemetery. Mr. J. A. Tobin, undertaker. He is survived by one daughter, Mrs. Samuel Sparks, of Pondtown, also two sisters, Mrs. Jane Wilson, of Millington, and Mrs. Luinda Peacock, of Philadelphia, and one brother, Mr. John Green, of Sudlersville.

Mr. and Mrs. Alinda Smith visited Mr. and Mrs. Howard Clendaniel of Kennedyville on Christmas day.

Miss Stella Slez, of Portland, Ore., is the guest of her parents, Mr. and Mrs. Frank Slez, near town.

Mrs. Hansen Horsey and little son, Hanson, Jr., of Galena, are spending the Christmas holidays with her parents, Mr. and Mrs. A. J. Lockerman.

Mr. D. B. Ford and family, of Chestertown, Mr. and Mrs. John Brice and Mr and Mrs. Noah Walker, of Baltimore, Mr. P. H. Wood, Jr., and family, of Salem, N. J., and Lieut. Francis E. Fitch and family, of Philadelphia, visited Mr. and Mrs. J. P. Ahern this week.

Mr. Howard Stevens, Jr., of Wilmington, was the guest this week of his father, Mr. Howard Stevens.

Mr. J. C. Numbers, of Arlington, N. J., spent a couple of days this week with his parents, Mr. and Mrs. F. C. Numbers.

Mrs. Kate R. Tonkin and son, Mr. George E. Tonkin, of Wilmington, visited her sister, Mrs. C. M. Hurtt, this week.

Messrs. James and Victor Pennington, of Baltimore, and Miss Martha Pennington, of Atlantic Highlands, N J., were guests this week of their parents, Mr. and Mrs. Liston Pennington.

Mr. and Mrs. Ernest H. Radnor and two little daughters, Louise and Helen, of Wilmington, spent the past ten days with their parents in town.

Miss Ruby K. Ahern visited friends in Baltimore this week.

ROCK HALL

Capt. W. R. Coleman will move at the New Year from Chestertown to his house and store in Piney Neck, which will be vacated by Gilmore Bryden, who will go to his own place near McKinleyville. William Coleman, Jr., will move to McKinleyville also and John Dickle will return from Church Hill. Elmer Hague will move to a farm in the upper part of the county and William Clark will tenant Mrs. Annie Alexander's house and farm. Russell Sewell has moved to Thomas Rodney's house on The Haven.

Mr. Arthur Clifton held a sale of farming implements this week and will move into part of the house he recently purchased from Mr. Thomas Hogans. Mr. Rodney will continue to occupy part of it. Harry Skirven will move to the Clifton farm which he has purchased.

Misses Grace and Dorothy Bramble, of Fairlee, are visiting the Misses Etta and Gladys Coleman.

Mr. and Mrs. Edward Hassenpflug are guests of Mr. and Mrs. John Thomas at Worton this week.

Mr. and Mrs. Marion Coleman and son, James, spent Sunday with their son, Mr. Bertie Coleman and family at Worton. Mrs. Coleman is suffering with rheumatism.

Mr. Henry Donaldson was guest at Christmas dinner of Mr. and Mrs. John Diehl.

Miss Nellie Maslin entertained at Christmas dinner her aunts, Mrs. Wm. Harrison and Miss Sallie Maslin.

Prof. Leonard Leary, of Denton, visited his mother, Mrs. Isaac Leary, for the holidays.

Miss Blanche Henderson has returned to her home in Howard county after some weeks with friends here.

Mrs. Horace Willson has as holiday guest her daughter, Miss Horace Willson, of Baltimore.

Mr. and Mrs. James Durding have had as guest their daughter, Mrs. Walter Lewis, of Baltimore.

Miss Lillian Orr, of State Normal School, is spending the Christmas holiday with her parents, Mr. and Mrs. G. Price Orr.

Mr. J. Wiltmot Crosby, of New York, was the guest from Saturday to Tuesday of his mother, Mrs. Sarah Crosby.

Miss Jessie Wilkins, of Millington, spent the holidays at her home here.

WORTON

Our Epworth League will be host to St. James Christian Endeavor this Sunday, Dec. 31. Bro. W. M. Hadaway will be leader. Everyone come out.

Worton Grance, No. 314, elected the following officers for the year 1923: Master, G. E. Nichols; Observer, H. T. Williams; Lecturer, B. F. Rash; Steward, Geo. T. Williams; A. S., Sevy Rasin; Chaplain, Sylvia Rash; Financial Secretary, Lester Carter; Gate Keeper, Henry Williams; Ceres, Gertie Nichols; Pomona, Vallen Hadaway; Flora, Isabelle Williams; L. A. S., Gertie Robinson; Pianist, Carlia Loller; Press Cor., Clara L. Williams. The next meeting will be Jan. 8, at which time these officers will be installed.

Mr. and Mrs. B. F. Rash have been entertaining their children and families.

Major Robert E. Jones, of West Point, is spending the holidays with his sisters, Mrs. Harry T. Williams and Mrs. Roger Harris. Mr. and Mrs. Williams entertained at cards for him Wednesday evening.

Mr. De Hopper Smith and Miss Grace Dodson, two of our young people, were married Tuesday evening, Dec. 26. We wish them a long and prosperous and happy life.

Mrs. John Duyer, Sr., is spending Christmas holidays with her children.

Mr. and Mrs. Wm. M. Hadaway and little Miss Virginia spent the week-end in Baltimore.

Among those home for Christmas we noticed Helen Rasin, Sarah Carter, Katherine Loller, Edith Seward and Stanley Matthews.

STILL POND

Mr. and Mrs. Carl Norris spent several days this week with her parents in Philadelphia.

The Ladies Aid Society will meet on Wednesday afternoon of next week at the home of Mrs. L. B. Harper. This is a very important meeting, as there will be an election of officers.

Rev. and Mrs. Tilghman Smith and son, Henry, spent Christmas with her mother at Riverton, N. J.

Rev. and Mrs. Oris Robinson and little daughter, from Baltimore, and Mr. Wm. Medders, Jr., and Miss Clara Medders spent the Christmas holidays with their parents, Mr. and Mrs. Wm. Medders.

Mr. and Mrs. Wm. P. Toulson and daughter, of Vineland, N. J., and Mr. Julian Toulson, of Philadelphia, spent the holidays with their mother, Mrs. Susie Toulson.

The devotional service of the Epworth League will be led on Sunday evening by Rev. Tilghman Smith.

Mr. and Mrs. Edward Dittman spent several days this week with their daughters at Collingswood, N. J.

Among those that spent the Christmas holidays at their homes here were Misses Lydia and Elizabeth Hague, Jennie Bowers, Anna Walters, Ida Hawkins, Bertha Cooper and Thomas Bonwill.

KENNEDYVILLE

Miss Kathrine Hessner is visiting her mother this week.

Miss Palmer Redmile spent the Christmas holidays with her parents.

Miss Regina Raisin and brother, Harry, are home for the holidays.

Miss Sara Staats and Mr. Dewitt Staats, of New York, are spending some time with Rev. and Mrs. B. B. Staats.

Mrs. C. A. Tucker is in Washington this week.

Mr. and Mrs. Henry Boggs spent Christmas day with Paul Boggs and family at Hartley, Del.

Mr. Harry Walls spent several days with relatives in Worton.

Miss Marian Pennington, of Baltimore, is visiting her mother, Mrs. E. B. Pennington.

Services at Grace Church this Sunday morning at eleven o'clock.

Mr. R. C. Young and wife spent Christmas with relatives in Baltimore.

Miss Sue Johnston, of Washington, and Mr. John Cullin, of Baltimore, spent Christmas with Mrs. Annie Johnston.

OPEN 7.30 **H. F. JEFFERSON** CLOSE 6.00

Chestertown, Maryland

To our friends and patrons I take this means of thanking you for your patronage during 1922. First, because through you I have been able to make a livelihood. Second, I can say most heartily you have made our dealings most pleasant.

Because of these things I extend to you all my best wishes for a very prosperous and happy new year.

Yours truly,

HARRY F. JEFFERSON.

AUCTIONEER

This is to notify the public that I have removed to Chestertown and am prepared to cry lsaes in Kent and Queen Annes counties on reasonable terms.

JOHN T. JESTER, Auctioneer

SUGGESTIONS FOR Christmas Gifts!

Pyrex Cooking Ware.
Agate Ware and Aluminum Cooking Utensils.
Guns and Ammunition.
Cook Stoves, Heating Stoves and Ranges.
Blankets, Robes and Harness.
Carving Sets, Scissors and Pocket Cutlery.
Wagons, Sleds and Skates.
Cigars and Tobacco.
In fact, a large assortment to pick from at
Parks Bldg. Chestertown, Md.

The Graham & Thomas Hardware Company
Parks Bldg.,
CHESTERTOWN, MARYLAND.

WANTED

FARMS TO SELL—5 to 100 acres. Also Town and village homes. Many inquiries.
Water fronts especially.
No charge if I do not furnish purchaser. See me at office or home. Write and I will see you.
WM. G. SMYTH,
Agent for E. A. Strout Farm Agency, Office at 110 High St. Phone 90

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