SCIENTIFIC MISCELLANY.

Grated Butter—An African Inlet of the Ancient Ocean—A New Panacea—Egypt 7,000 Years Ago—Electric Lumber Seasoning—The World's Birds—Strange Fishes—Feline Hysteria—Simple Embalming—The Enfeebled French.

A method of making good butter from poor by aeration is being exploited by a company in Ireland. The process is the invention of Mr. J. N. Harris, and consists in melting the [illegible] butter, washing it with a spray of hot water, [illegible] pure buttermilk, the butter-oil drawn off, and finally churning the emulsion with a strong current of air in suitable vessels. The action of the air current causes the butter particles to take the granular form given by ordinary churning. Starting with some of the worst specimens of butter in the market, the product was found to be chemically pure, attractive in flavor and appearance, and to contain only 12 per cent of water.

Lake Tanganyika in Africa offers a unique field for scientific exploration. This region, like Australia, is one of the few localities where animals still live that have become extinct elsewhere, certain shell-like mollusks of this lake appearing to have been derived from the ocean and to be identical with fossil forms of old Jurassic seas in Europe. This marine fauna does not appear in Nyassa, Moero, Bangweolo, or other lakes whose outlets are known. It may yet be found, however, in Lakes Kivu, Albert Edward and Albert Nyanza, which lie in the great depression ending in the Dead sea far to the north, and this adds interest to the expedition for which the Royal society is seeking [illegible].

An effective remedy for chronic constipation, without real purgative action, is claimed by Dr. Vladimiro [illegible] in pure [illegible]. This is administered after breakfast and after dinner, in a glass of milk or water, beginning with a dose of one drop and increasing by one drop daily until the desired effect is obtained, which is usually with a dose of seven or eight drops. The treatment must be continued some months.

Ozonated water is regarded by Dr. Lucas Championniere as the best antiseptic for wounds. He finds it harmless, while more effective even than corrosive sublimate, and believes it has saved the lives of some of his patients.

The discoveries of the last five years, according to Prof. Flinders Petrie, carry our knowledge of ancient Egypt backward at least a thousand years, and introduce us to the prehistoric civilization of 5000 B. C. or even earlier. The aboriginal race was of Libyan stock, with negro mixture. The excavations at Negada, Nagada, Abydos and Hieraconpolis have given evidence of a population of diverse types of about 5000 B. C., when a different race seems to have entered the country, and of great changes before 4000 B. C., after which the people maintained its character to modern times. Bowls of decorated black clay from graves at Nagada, dating from about 5000 B. C., are of a type that in other countries have been found contemporary with the introduction of metals. From royal tombs at Abydos—including that supposed to belong to King Mena, the founder of dynastic history about 4800 B. C.—have been obtained cylindrical seals of kings of the first three dynasties, with vases, tablets and statues showing animals and birds and these prove that Egyptian art reaches as far back [illegible] somewhere before 5000 B. C. In this early period Egypt was an originator in the arts and not a borrower, most nations since then having been borrowers and not originators. One of the most striking results of these ancient remains is the gradual decay of flint working between 4000 and 3000 B. C., as metals came into use and copper was hardened into bronze—a record that has no parallel in the world.

Electricity plays a leading part in a new process for seasoning wood. The timber is immersed to rather more than half its depth in a tank of liquid, and an electric current is applied through a metallic conductor, the result being that the sap begins to exude from the lower end of the wood in four minutes and in six hours is all extracted. An antiseptic solution is then forced into the pores by an electro-capillary method.

A great undertaking has just been finished by British ornithologists, after 22 years of labor. It is a complete catalogue of birds, in 27 volumes, by 11 eminent authors, and it gives an account of 11,614 species, which are divided into 2,255 genera and 124 families.

The existence in Syria of fishes having curiously abnormal eyes is recorded by Saleh Makarius, of Cairo. There are fishes with large protruding eyes, with one eye normal and the other large and protruding, with eyes half protruding, with two abnormal eyes unequal in size and development, and with one eye normal and the other rudimentary. These strange fishes are confined to one short stream formed [illegible] the small Hasbany river. Less than a hundred feet from the stream are two caves, but only normal-eyed fishes could be found in the water adjacent. About one-fifth of the fishes of this stream are affected. The water is cold and tolerably clear, shallow near one bank and deepening toward the other to a depth not exceeding seven feet in summer. No kingfishers or other fish-catchers were seen in the vicinity.

Hysteria in a cat, the animal becoming paralyzed as a result of the intense emotion of the first catch of a mouse, is the unexpected case reported by a French authority. Falling on the [illegible] as he was carrying his prey in the house, the cat was unable to move his hindquarters for an hour. Movement returning, he was found to be blind, this condition persisting for two hours, when the blindness suddenly vanished, and pussy was himself again.

Embalming with non-poisonous substances is an advantage claimed in modern practice. A mixture of forty grams of saltpeter, forty grams of potassium carbonate and one liter of glycerine is used by Menan, in Paris, and is injected into the aorta until a slight swelling becomes perceptible on the surface. The corpse of a child thus treated was perfectly preserved at the end of two years.

A result of French degeneracy is noted by Prof. M. Vincent in the fact that native Arab soldiers in Africa are at least a hundred times less susceptible to typhoid fever than French soldiers. The Arab immunity is attributed to open air life and vegetarian diet. Contrasted to this is French debility, acquired since the days of their gigantic Gaul ancestors, from wine, immorality and other causes.

A museum of chemical history is to be a feature of the Paris Exposition of 1900.

CURIOUS STATISTICS FOR 1898.

The loss of life for the year 1898 through railway accidents of various kinds was 2,290, as compared with 2,784 in 1897.

During the year just passed the loss of life through epidemics and famine was less than 25,000, as compared with [illegible] in 1897.

Notwithstanding the war between the United States and Spain, the loss of life upon the battlefield in 1898 has been smaller than for several years past. The total, roughly estimated, has been but about [illegible], as compared with [illegible] in 1897.

The total number of persons who have committed suicide in 1898, as reported by mail and telegraph, is 5,920, as compared with 6,600 in 1897.

The number of legal executions in 1898 was 109, as compared with 128 in 1897.

The criminal work of mob murderers throughout the country has decreased during 1898, as compared with 1897, being smaller than in any year since [illegible], except 1890, when the number was [illegible]. Judge Lynch has executed 127 persons during the year, 122 males and five females. Of these lynchings 111 occurred in the South and nine in the North. Of the total number 102 were negroes, 23 whites and 2 Indians.

The record of embezzling, forgery, defaulting, and bank wreckage for 1898 shows a material and gratifying decrease, being but $[illegible], as compared with $[illegible] in 1897.

The aggregate loss by fires during the year 1898 amounts to $[illegible], as compared with $[illegible] in 1897.

TABLER'S BUCKEYE PILE OINTMENT is the only remedy for blind, bleeding or protruding piles, indorsed by physicians; cures the most obstinate cases. Price 50 cents in bottles, Tubes, 75 cents. Z. C. M. I. Drug Dept.

Coughing injures and inflames the lungs. One Minute Cough Cure loosens the cold, allays coughing and heals quickly. The best cough cure for children, perfectly harmless. F. C. Schramm, McCornick Building, corner Main street, First South.

L. & A. COHN--222-224 Main Street.

Cohn's DRY GOODS STORE.

Our January Clearing Sale

Commenced THIS MORNING, Promptly at 8 O'clock.

PRICES HAVE BEEN CUT RIGHT AND LEFT in every Department, and Cohn's Reductions and Values can be depended upon—as always.

Clearing Sale of SILKS.

Here's where we make a very deep cut. Not a piece escaped the blue pencil.

Handsome Taffeta Finished Printed Indias that you will be compelled later to pay 60c a yard for. Blue Pencil Mark.......... 33c

27-inch Printed Foulards, handsome styles, $1 a yard is their regular price. Blue Pencil Mark.. 55c

Fancy Bangaline Silks for Waists, in the very best shades, bought to sell for $1 a yard. Clearing Sale Price.......... 49c

20-inch Black Taffeta (pure silk), well worth 85c a yard. Clearing Sale Price.......... 53c

23-inch Pure Black Silk Swiss Taffeta, our regular $1 quality. Clearing Sale Price.......... 65c

WE HAVE SLASHED THE PRICES OF ALL BLACK BROCADE CRYSTAL WEAVES AND GROS GRAIN SILKS TO 50 CENTS ON THE DOLLAR.

24-inch Black Satin Duchess, Best $1.35 (all Silk), pure dye goods ever brought to this city. Clearing Sale Price.......... 97c

BLACK GOODS.

42-inch Black Brocaded Mohairs, extra good values at 35c a yard. Clearing Sale Price.......... 19c

46-inch Black All Wool Lizard Cloth in small and medium Brocade. These goods are guaranteed to retain their luster and have been selling at 60c a yard. Clearing Sale Price.......... 39c

38inch Black Crepons in curly effects, regular 75c goods. Clearing Sale Price.......... 53c

38-inch Black Silk Finished Brilliantine, our regular 60c goods. Clearing Sale Price.......... 47c

Colored Dress Goods.

Now for a quick clearing of this season's stylish Dress Goods.

WE HAVE SLASHED AND CUT into the regular prices, and the entire stock will be cleared out at

HALF ORDINARY PRICES.

DRESS LININGS.

Our up-to-date Lining Stock has not escaped the merciless Blue Pencil, everything will go at Clearing Sale Prices.

Ladies' Muslin Gowns.

Ladies' good quality muslin Gowns, neck trimmed with insertion and cambric ruffles, special price 40c

Ladies' Muslin Chemise, good quality of material, finished with corded band, sale price.......... 25c

Ladie's and Children's Union Suits.

LADIES' AND CHILDREN'S UNION SUITS.

Children's extra heavy weight cotton ribbed, fleece lined Union Suits, "Melba cut," a regular 65c grade, for.......... 40c

Misses' Egyptian cotton fleeced Union Suits, half open back, special sale price.......... 35c

Ladies' Egyptian cototn ribbed Union Suits, fleece lined, in silver gray and ecru, "Melba cut," a 65c garment for.......... 43c

Children's Knitted Underwear.

Children's extra heavy weight ribbed cotton fleeced Vests or Pants, regular finished seams; special sale price.......... 21c

Boys' Drawers to match for the same price.

Boys' extra heavy weight fleeced Vests, natural color, covered seams, special price.......... 29c

Drawers to match for the same price.

Children's Merino Vests, in natural color, a regular 40c garment, for.......... 19c

Pants to match for the same price.

Dress Trimings.

Fancy Shapes, Braids, Tubular and Hercules Braids, Fancy Bead and Jet Trimmings, etc., Willt be sold a CLEARING SALE PRICES.

Fancy Chiffon and Silk Frants, Ladies' Ties and Stock Collars, marked down to about HALF FORMER PRICES.

RIBBONS.

Satin Ribbons in all colors and in widths as as noted below. These ribbons are pure silk and are offered in this clearing sale at less than

HALF REGULAR PRICES.

No 5, regular price 10c, for.......... 4c
No. 7, regular price 12½c, for.......... 5c
No. 9, regular price 15c, for.......... 7½c
Nos. 40, 60 and 80 that usually sell at 35c to 50c a yard, WILL BE CLEARED OUT AT.......... 21c

Notions and Small Articles.

Hooks and Eyes per card.......... 1c
Adamantine Pins per paper.......... 1c
Hair Pins per paper.......... 2c
Crochet Coton per ball.......... 2c
Kid Hair Curlers per bunch.......... 3c
Nickel Safety Pins per paper.......... 2c
Wood Back Nail Brushes at.......... 3c
Corset Steels at.......... 4c
Pearl Buttons, assorted sizes, 2 doz on card, for.......... 4c
Dress Shields per pair.......... 5c
Whisk Brooms at.......... 6c
Tooth Brushes at.......... 5c
Imperial Dress Steels per bunch.......... 7c
Rubber Dressing Combs at.......... 8c
Best Wire Hair Pins per cabinet at.......... 9c
Clothes Brushes at.......... 9c
Hair Brushes at.......... 9c
Hose Supporters per pair at.......... 9c
Bone Hair Pins per doz at.......... 10c
Steel Scissors at.......... 15c
Hand Bags at.......... 19c
Combination Purses and Card Cases at.......... 25c

Lace Curtains and Portieres.

Our entire stock cut down to almost half their regular price. In order to clear them out in this sale. Nottingham Lace Curtains price 60. Clearance Price per pair.......... 42c

Nottingham Lace Curtains, former price 75c. Clearance Price per pair.......... 55c

Nottingham Lace Curtains in White and Cream, former price $1.00. Clearance Price.......... 56c

Scotch Lace Curtains, 3½ yards long, White and Cream, former price $1.50. Clearance Price...$1.00

New Style Curtains, Fishnet Centers, 3½ yards long, very stylish, newest designs, former price $2.65. Clearance Price..........$1.75

Very Stylish White Lace Curtains, newest Irish point effects in White, former price $4.25. Clearance Price..........$3.00

French Guipure Lace Curtains, former price $5.50. Clearance Price..........$3.85

Newest style Brussels Aplique work Curtains, very stylish and new, former price $4.50. Clearance Price..........$3.00

IRISH POINT LACE CURTAINS. New importation this season, will be cleared as follows:

$4.50 grade, Clearance Price..........$3.00
$5.00 grade, Clearance Price..........$3.75
$6.75 grade, Clearance Price..........$4.75
$10.65 grade, Clearance Price..........$8.00
$13.50 grade, Clearance Price..........$9.50

Many other styles on sale not ennmerated are all included in this Great Curtain Sale.

Our entire line of Portier Curtains will be closed at 33 1-3 per cent discount. Every pair marked in plain figures and will be discounted ONE THIRD.

Ladies' Dressing Sacques.

The entire line of Ladies' Dressing Saques in Elderdowns, French Flannels and Cashmere, will be closed out at a DISCOUNT OF 50c ON THE DOLLAR.

Ladies' Boucle and Flannel Shirt Waists have just been received and will be sold at..........$1.25

All our higher grades of Waists in Brilliantine, Velvet, Silk and Satin have been marked down to prices that will make a speedy clearing of the entire line.

Flannelette Wrappers.

Ladies' Wrappers of Dark Angora, Flanneletted, rich desirable colorings. Perfect fitting, former prices $1.35 and $1.60. Reduced to 98c and $1.15.

Ladies' Cashmere and Flannel Wrappers in the best colors, perfect in style and fit, former prices $3.50, $4.00 and $4.50. Will be closed out at $2.75.

Odds and ends at about 50 cents on the dollar.

January Clearing Sale

OF

TABLE LINENS, ART LINENS, CRASH TOWELING, TOWELS, NAPKINS, BEDSPREADS, TABLE SETS, TABLE COVERS, LUNCH CLOTHS, TRAYS AND SCARFS.

Full Bleached Irish Table Linen, good width.......... 22½c

72-inch wide Pure White Irish Linen Damask, splendid value at 75c. Clearing Sale Price.......... 47½c

Heavy German Linen, half bleached with colored border, regular price 45c. Clearing price.. 29c

Full ¾ bleached Irish Linen Napkins, sold every day at $2 per doz. Clearing Price..........$1.25

¾-size half-bleached German Linen Napkins, splendid value at $2.75. Clearing Price..........$1.50

Good Crash Toweling, 16 in wide, the 5c grade. Clearing Price.......... 3½c

20-inch wide Linen Crash, colored border, worth 10c per yard. Clearing Price.......... 6½c

Extra large, extra heavy Turkish Bath Towels, cream with colored border, worth 15c, for.......... 11c

One lot Bed Spreads, worth 75c each. Clearing Price.......... 35c

Extra heavy 11-4 White Crochet Bed Spreads, the best Crochet Spread made, hemmed ready for use, worth $1.50. Clearing Price.. 94c

One Table Cloth, 1 doz Napkins to match, cloth knotted fringed, colored borders, regular $2 set. Clearing Price..........$1.35

Beautiful Chenille Table Covers, 1½ yards square, worth 75c. Clearing Price.......... 50c

Best Grade Turkish Table Covers in Persian Designs, worth $3.50, 2 yards square. Clearing Price. $2.48

All our Linen Lunch Cloth Centres, Trays and Scarfs at spot cost, including the Entire Stock, Fringed Napkins, white and colored borders, the best 36-in Bleached [illegible] in the city for 7½c per yard, no limit. Clearing Price.......... 5c

Extra heavy Brown Drilling, the kind that sells for 12½c, no limit. Clearing Price.......... 7½c

Ready-made Pillow Cases, regular size, made of the best standard [illegible], no cheap trash. Worth 12½c and 15c each. Clearing Price.......... 10c

Ready-made Sheets, made of the Famous Utica Mills Sheeting, 8-4 x 2-4. Clearing Price.......... 47½c

White Outing Flannel, good grade, the kind that sells for 8c. Clearing Price.......... 2c

All our 12½c and 15c grades of Outing Flannels in light and dark colors. Clearing Price.......... 3c

All our 8 1-3c and 10c grades Outing Flannels, in dark and light colors. Clearing Price.......... 6½c

A beautiful line Check and Stripe French Ginghams, light and dark Percales, worth 12½c, 15c and 17½c. Clearing Price.......... 10c

Our entire stock of Twill Duck Shirtings in Red, Black, White and Navy Blue. Clearing Price... 5c

MISSES' and CHILDREN'S WINTER JACKETS AND CLOAKS.

Will be cleared out at an enormous reduction. Every garment is marked in plain figures and will be sold at a discount of 50 CENTS ON THE DOLLAR.

LADIES' TAILOR-MADE SUITS.

The balance of our Jacket Suits will be cleared out at a discount of 50c ON THE DOLLAR.

Ladies' Fur Collarettes will be cleared out at a discount of 50 CENTS ON THE DOLLAR.

Children's and Misses Colored Wool Mixed Dresses, all new this season in Plaids, Mixtures and Plain Cashmere, neatly trimmed. Offered to clear out at a discount of 50 CENTS ON THE DOLLAR.

PETTICOATS.

Ladies' Black Satin Finished Jean Umbrella, styles skirts with deep ruffle; $1.25 was the former price. Reduced to.......... 67c

Ladies' heavy Farmers Satin Petticoat, colors Navy, Cadette, Red, Brown and Green with Silver and Gold Illuminum Stripe, deep corded Umbrella Flounce, has every appearance of silk. Regular price $4.00. Clearing Sale...$1.69

Ladies' Heavy Farmers Satin Skirts, the new silk finish, colors Lavender, Red, Green, Old Rose and all fashionable shades, full corded, Umbrella Ruffle. Former price $[illegible]. Clearing Sale..........$2.50

DRESS SKIRTS.

Ladies' Black Brocaded Mohair Dress Skirts, Percaline lined, velvet faced, $2.50 former price. Clearing Sale..........$1.15

Ladies' Dress Skirts of Mixed Novelty Goods, desirable coloring, good fitting, always sold for $2.[illegible]. Clearing Sale..........$1.59

All our higher grade Dress Skirts, in Cloth, Crepons, Silks, Satins, etc., have been marked down to prices that will clear them out with a rush.

Hose and Half Hose.

Cut down to one-half price and less, in order to close right out quick.

A lot of Ladies' fancy Cototn Hose, black boot with fancy colored top, a 20c grade, for.......... 10c

A lot of Ladies' heavy weight Plaid Cototn Hose, 25c grade for.......... 12½c

Another lot of Plaid Hose with Silk Thread, were 50c, for.......... 25c

Ladies' Lisle Drop Stitch Plaid Hose, very fine, 75c was their former price, WILL BE CLOSED OUT AT.......... 40c

Misses' Plaid Coton Hose, very choice goods that sold at 50c, to be closed out at.......... 20c

Misses' Plaid Cotton Hose with silk stripes, former price 50c to 65c, marked down to.......... 35c

Men's Fancy Cotton Hose that sold at 40c and 50c, have been marked down and will be cleared out at.......... 20c

LADIES' AND CHILDREN'S OUTING FLANNEL GOWNS.

Ladies' pink and blue stripe outing flannel Night Dresses, yoke front and back, generous cut, a regular 85c garment for.......... 69c

Ladies' fancy stripe Outing Flannel Gowns, yoke trimmed with feather stitched braid, extra size, a regular $1.25 Gown, special sale price.......... 89c

Handsome Night Robes made of the best quality of Teazel down, in solid pink and blue, 56-inch long, extra wide, special sale price..........$1.29

Misses' Outing Flannel Gowns, yoke finished, with feather-stitched braid, all sizes, reduced from 85c to.......... 67c

MEN'S NIGHT SHIRTS.

Men's Night Shirts, good quality of material, finished with colored embroidery, a real bargain for.......... 48c

Men's extra heavy weight twilled muslin Night Shirts, elaborately trimmed in colored embroidery, regular 85c grade, special sale price...... 59c

CHILDREN'S APRONS.

Children's fine checked Nainsook Aprons, deep ruffle around the shoulders, edged with lace, special price.......... 20c

Children's fine India Lawn Aprons, waist of solid embroidery, finished with lace, edged rufile, special price.......... 25c

INFANTS' WEAR.

Infants' fine Cambric Slip, neck finished with embroidery rufile.......... 24c

Infants' Slip, made of soft finished Nainsook, trimmed with lace edged ruffles and feather stitched braid.......... 31c

Infants' fine Nainsook Dress, pointed yoke of tucks and embroidery neck and sleeves, finished with the same, special price.......... 49c

Infants' fine Cambric Shirts, made with hem and cluster of tucks, special.......... 39c

Infants' long and short Cloaks in Eiderdown, Cashmere, Bedford Cords and Silks, made up in the newest styles, all this season's goods, and will be cleared out at ONE-THIRD DISCOUNT.

COMFORTS.

All our $1.50, $1.75 and $2 Comforts reduced to....$1.20
All our $2.25 and $2.50 Bed Comforts reduced to....$1.40
All our $3 and $3.50 and $4 high grade Bed Comforts reduced to..........$1.90

BLANKETS.

All our 75c and $1 Gray Sheet Blankets reduced to 49c
All our $1.25, $1.50 and $2 heavy 11-4 Sheet Blankets reduced to.......... 98c
All our $3, $3.50 and $4 GRAY WOOL BLANKETS reduced to..........$2.40
All our $4.50 and $5 and $6 White California Wool Blankets reduced to..........$3.65