(phenol), the most important and best known antiseptic and disinfectant, is a product of coal tn. Benzol, a clear and colorless liquid resembling alcohol

stance which to some extent resembles camphor and is employed, like camphor, to protect woolen fabrics from moths.—Harper's Weekly.

THE FIRST BANKS.

They Were Established In Italy In

and colorless liquid resembling ald to some extent, is another disti

THE MODERN STORE'S **Shopping List of Christmas Gifts**

Something for Father, Mother, Sister, Brorher, Sweetheart, Friend, Etc.

The Largest and Best Assortment Ever Shown. We Can Make Shopping Easy and Save You Money. Come in and Look Through Our Extensive Stock.

"Bonny Blossom," The Shetland Pony,

is now the talk of the town. Every child wants this pretty pet. Positively given away day after New Year's. See circulars for particulars.

Mark on this list what you would like to see; then come in we will be pleased to show you through every department. We have the largest stock ever shown in

For Ladies and Girls

Handkerchiefs
Kid Gloves

Fancy Hose, 25c to \$3 00 per pair for fine silk.

Fancy muslin Underwear put up in matched sets of 4 pieces in box
Fine Underwear
Silk Dress Patterns
Silk Shirt Waist Pat'ns Wool Shirt Waist Pat'ns Ladies' Sweaters
Shirt Waists
Walking Skirts
Leggins
Fascinators
Gold Hat Pins
Gold Hat Pins
Belt Pins
Belt Pins
Waist Sets
Fancy Boxes

Brush and Comb Sets (Silver, Stag and Ebony)
Manicure Sets (Silver, Stag and Ebony)
Pictures
Vases
Silver Bonnet Brushes
Fancy Lace Collars
Fine Fur Scarfs
Silk Umbrellas
Fine Fur Scarfs
Silk Umbrellas
Silk Umderskirts
Fancy Garters
Fine Clod Brooches
Fancy Combs
Glove Boxes
Glove Boxes
Fancy Combs
Fancy Lace Collars
Sterling Silver Stag and Ebony)
Fancy Plates
Fancy Plates
Fancy Lace Collars
Fine New Hats at about half price

For Children and Infants

For Men and Boys

Our Men's department is stocked with all the newest and best in above lines. All marked at very lowest prices for reliable goods.

Our Doll Display in basement is attracting much attention by reason of the beautiful life-like faces and features. Unlike most dolls. Prices range from 10c to \$5.00 Both dressed and undressed.

EISLER-MARDORF COMPANY,

Send in Your Mail Orders, OPPOSITE HOTEL ARLINGTON, BUTLER, PA.

Fall and Winter Millinery.

Arrival of a large line of Street Hats, Tailor-made and ready-to-wear Hats. All the new ideas and designs in Millinery Novelties. Trimmed and Untrimmed Hats for Ladies, Misses and Children. All the new things in Wings, Pom-pons; Feathers, Ostrich Goods, etc, etc.

Rockenstein's

Millinery Emporium,

χισουσοσοσοσοσοσοσος Eyth Bros.,

NEAR COURT HOUSE. Line of Fancy Holiday Goods-Toilet Cases, king Sets, Albums, Framed Pictures, etc. YOU ARE WELCOME TO LOOK AROUND, We sell late copyright fiction at \$1.08. EYTM BROS.,

A Big Purchase of Jewelry Samples

From large manufacturers at less than cost of making.

Sale begins 9 o'clock Saturday morning, December 10th, and will continue until Christmas.

This purchase includes a large assortment of Gents' and Ladies Watches, Rings, Brooches, Scarf Pins, Fobs, Chains, Cuff Buttons, Beads, Pins, and hundreds of other pieces.

Send for catalogue.

Ralston & Smith,

Successors of W. E. Ralston, 110 W. Jefferson Street, Butler, Pa.

YOU WILL BUY SOMETHING

Useful for the Home

This store has the kind of Useful Presents that lasts for years. Why not buy Furniture? Our stock is large and assortment fine. Better take a look at us before buying.

How About A Rocking Chair

One of the most useful and pleasing articles of the home. Never can have too many comfortable Rocking Chairs. We are showing at least 100 different patterns-all kinds-inexpensive-at \$2.00, 2.50, 3.00. 3.50-comfortable-durable. Parior Chairspolished—odd patterns at \$5.00, 6.00 up to 10 00. Fine Leather Rockers for \$12 to 20.00.

PARLOR TABLES

We are showing a large assortment. Neat polished patterns in small sizes at \$1.50, 2.00 and up to 5.00. The better ones-in mahogany and oak from \$8.00 to 20.00.

ODD PARLOR PIECES

In gilt, oak, mahogany—artistic pieces to tone up -make home look beautiful-inexpensive, if you wish, or more elaborate, as you please.

Music Cabinets here from \$8.00 to \$25.00. WRITING DESKS for the Ladies-in oak or ma-

hogany-bird's eye maple-from \$5.00 to 15.00. How about a fine Rug or Carpet for your best room? We have them.

COME IN AND COMPARE.

No. 136 North Main St., Butler.

Kelsey, Crown, Beomer FURNACES.



Coal and Slack Heaters, Gas and Coal Ranges and Gas Stoves. 1904 Washers, Sewing Machines, Needles for all makes of Sewing Machines. Sewing Machines repaired. Roofing and Spouting, and House Furnishing Goods.

Henry Biehl,

Peo. 'Phone 464.

The Great Sacrifice Sale of Clothing, Men's and Boys' Furnishing Goods, Hats and

Owing to the dissolution of the firm of Schaul & Nast, prices on all goods in the store have been slashed regardless of cost The following are a few of the many bargains we have to offer you:

Men's fine all wool, black and blue, Kersey
Overcoats, regular price \$15, sale price \$5.98 Men's Oxford, black, very dressy, Overcoats, regular price \$10 and \$12, sale price \$4.48

Men's very fine English Rain Coats, regular price \$20, sale price \$10.25 Men's fine Hodgmans Alexombrice Rain and Storm Overcoats, regular price \$18, sale price \$9.98

Men's heavy Rain and Storm Overcoats, regular price \$9 and \$10, sale price \$5.25

118 pair of Men's and Boys' heavy Cassimere and Boys' heavy Cassimere
Pants, regular price \$2, sale price

980 389 pair Boys' Knee Pants (all wool) sizes 3 to 16, regular price 75c, sale price 390

All we ask is for the reader of this advertisement to stop in the store and be convinced that we make good all we ad vertise. No trouble to show goods.

PHILIP SCHAUL SUCCESSOR TO SCHAUL & NAST,



CATARRH Elv's Cream Balm

Cream Balm is placed into the nostrils, spi over the membrane and is absorbed. Relief is immediate and a cure foliows. It is not drying—does not produce sneezing. Large Size, 50 cents at Druggists or by mail; Trial Size, 10 cents. ELY BROTHERS, 56 Warren Street, New York

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C. BOYLE, M. D. EYE, EAR, NOSE and THROAT, SPECIALIST. 121 East Cunningham Street. Office Hours, 11 to 12 a. m., 3 to 5 au

Office Hour 7 to 9 p. m. BOTH TELEPHONES. DR. JULIA E. FOSTER,

OSTEOPATH.
Consultation and examination free.
Office hours—9 to 13 A. M., 2 to
M., daily except Sunday. Evening appointment.
Office—Stein Block, Rooms 9-10, But ler, Pa. People's Phone 478.

DR. H. J. NEELY, Rooms 6 and 7, Hughes Building, South Main St. Chronic diseases of genito urinary organs and rectum treated by the mos approved methods.

CLARA E. MORROW D O.,

GRADUATE BOSTON COLLEGE OF
OSTEOPATHY.

Women's diseases a specialty. Consultatian and examination free.
Office Hours, 9 to 12 m., 2 to 3 p. m
People's Phone 573.
116 S. Main street, Butler, Pa

M. ZIMMERMAN PHYSICIAN AND SURGEON At 327 N. Main St.

R. HAZLETF, M. D., ro6 West Diamond, Dr. Graham's former office, Special attention give. to Eye, No. and Throat People's Phone 274.

SAMUEL M. BIPPUS, 200 West Craningham St.

DENTISTS.

DR. FORD H. HAYES, Graduate of Bental Benartment, inversity of Pennsylvania, Office—215 S. Main Street, Butler, Pa.

DR. S. A. JOHNSTON, Dr. S. A. JOHNSTON,
SURGEON DENTIST.
Formerly of Butler,
Has located opposite Lowry House,
Main St. Butler, Pa. The finest work
a specialty. Expert painless extractor
of teeth by his new method, no medicine used or jabbing a needlgums; also gas and the munication of the munication. ito gas and ether used. Com ...ons by mail receive prompt at

DR J. WILBERT MCKEE, SURGEON DENTIST.
Office over Leighner's Jewelry store,

Peoples Telephone 505.
A specialty made of gold fillings, gold rown and bridge work. W. J. HINDMAN, DENTIST. 1272 South Main street, (ov Metzer's

DR. H. A. MCCANDLESS. Office in Butler County National Bank uilding, 2nd floor.

R. M. D. KOTTRABA, Successor to Dr. Johnston, DENTIST Office at No 114 E. Jefferson St., over

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P. SCOTT, ATTORNEY-AT-LAW, Office in Butler County National Bank building.

T. SCOTT, ATTORNEY AT LAW. Office at No. 8, West Diamond St. But-ler, Pa.

OULTER & BAKER, ATTORNEYS AT LAW. Office in Butler County National ank building.

JOHN W. COULTER,
ATTORNEY-AT-LAW. Office on Diamond, Butler, Pa. Special attention given to coll

id business matters. ATTORNEY-AT-LAW. Office in Reiber building, corner Main and E. Cunningham Sts. Entrance on Main street.

ATTORNEY AT LAW.

Office on Main St, near Court House

ATTORNEY AT LAW. Office in Wise building.

H. NEGLEY,
ATTORNEY AT LAW.
Office in the Negley Building, West

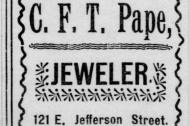
C. FINDLEY, ATTORNEY-AT-LAW, AND PENSION ATTORNEY.

Office on South side of Diamond utler, Pa.

MISCELLANEOUS. F. L. McQUISTION, CIVIL ENGINEER AND SURVEYOR

P. WALKER,
NOTARY PUBLIC,
BUTLER,
Office with Berkmer, next door to P. C.

P F. HILLIARD, GENERAL SURVEYING. lines and Land. County Surveyor. R. F. D. 49, West Sunbury, Pa.





The Simple Life

By CHARLES WAGNER

Translated From the French by Mary Louise Hendee

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CHAPTER IV. SIMPLICITY OF SPEECH

PEECH is the chief revelation of that it takes. As the thought, so the speech. To better one's life in the way of simplicity one must

in mutual trust, and this trust is maintained by each man's sincerity. Once sincerity diminishes, confidence is thing, and what they say and write is in mutual trust, and this trust is main-tained by each man's sincerity. Once sincerity diminishes, confidence is weakened, society suffers, apprehen-sion is born. This is true in the province of both natural and spiritual interit is as difficult to do business as to arch for scientific truth, arrive at religious harmony or attain to justice. When one must first question words and intentions and start from the premise that everything said and written truth, life becomes strangely complicated. This is the case today. There is so much craft, so much diplomacy, so much subtle legerdemain, that we all be no quarrel with the taste for grace and elegance of speech. I am of opinion that one cannot say too well what has to say. But it does not follow that the last of the last to say. But it does not follow show my thought, and each one's experience might bring to its support an ample commentary with illustrations.

position with examples, Formerly the means of commi tion between men were considerably restricted. It was natural to suppose tion between men were considerably restricted. It was natural to suppose that in perfecting and multiplying avenues of information a better understanding would be brought about. Nations would learn to love each other as they became acquainted; citizens of one country would, feel themselves are not constructed by the construction of the country would feel themselves are not constructed. It was natural to suppose that the process of the following and the springs when the springs bound in closer brotherhood as more light was thrown on what concerned their common life. When printing was invented the cry arose, "Flat lux!" and with better cause when the habit of reading and the taste for newspapers increased. Why should not men have

of documents." Nothing could have seemed more evident.

Alas, this reasoning was based upon the nature and capacity of the instruments without taking into account the human element, always the most important factor! And what has really to account, have taken the utmost advantage of these extended means for circulating thought, with the result that the men of our times have the greatest difficulty in the world to know the truth about their own age and their own affairs. For every newspaper that fosters good feeling and good understanding between nations by trying to standing between nations by trying to rightly inform its neighbors and to study them without reservations, how many spread defamation and distrust! What unnatural and dangerous currents of opinion set in motion! What false alarms and malicious interpretations of words and facts! And in domestic affairs we are not much better informed than in foreign. As to commercial, industrial and agricultural interests, political parties and social tendencies or the personality of public men, it is alike difficult to obtain a disinterested opinion. The more newspa pers one reads the less clearly he see in these matters. There are days when after having read them all, and admitting that he takes them at their word the reader finds himself obliged to draw this conclusion: Unquestionably nothing but corruption can be found any longer; no men of integrity except a few journalists. But the last part of the conclusion falls in its turn. It appears that the chroniclers devour each other. The reader has under his eyes a spectacle somewhat like the cartoon entitled "The Combat of the Serpents." After having gorged themselves with

everything around them the reptiles fall upon each other, and there remain upon the field of battle two tails. And not the common people alone feel this embarrassment, but the cultivated also; almost everybody shares it. In politics, finance, business, even in science, art, literature and religion, there is everywhere disguise, trickery, wire pulling—one truth for the public, another for the initiated. The result is that everybody is deceived. It is vain to be behind the scenes on one stage.

A man cannot be there on them all, and the very people who deceive others with the most ability are in turn deceived when they need to count upon

the sincerity of their neighbors. The result of such practices is the degradation of human speech. It is de-graded first in the eyes of those who manipulate it as a base instrument. No word is respected by sophists, casuists and quibblers, men who are moved only by a rage for gaining their point or who assume that their interests are alone worth considering. others by the rule they follow them-selves—say what profits and not what is true. They can no longer take any one seriously-a sad state of mind for those who write or teach! How lightly must one hold his readers and hearers to approach them in such an atti-tude! To him who has preserved enough honesty nothing is more repug-nant than the careless irony of an acrobat of the tongue or pen who tries to dupe honest and ingenuous men. On one side openness, sincerity, the desire to be enlightened; on the other, chicanery making game of the public! But he knows not, the llar, how far he is misleading himself. The capital on which he lives is confidence, and nothing equals the confidence of the people unless it be their distrust when once they find themselves betrayed. They may follow for a time the exploiters of their artiessness, but then their friendly humor turns to hate. Doors which stood wide open offer an impassable front of wood, and ears once attentive are deaf. And the pity Is that they have closed not to the evil alone, but to the good. This is the crime of those who distort and degrade speech: they shake confidence general-

basement of the currency, the lowering of interest, the abolition of credit. the mind, the first visible form | There is a misfortune greater than these—the loss of confidence, of that moral credit which honest people give one another, and which makes speech set a watch on his lips and his pen. circulate like an authentic currency Let the word be as genuine as the Away with counterfeiters, speculators, thought, as artless, as valid. Think rotten financiers, for they bring under Justiy, speak frankly.

All social relations have their roots

Away with the makers of counterfeit

> not worth a continental. You see how urgent it is that each should guard his lips, chasten his pen and aspire to simplicity of speech. No more perversion of sense, circumlocu-tion, reticence, tergiversation! These tlings serve only to complicate and be wilder. Be men. Speak the speech of honor. An hour of plain dealing does more for the salvation of the world

that the things best said and best writ-ten are most studied. Words should serve the fact and not substitute them-selves for it and make it forgotten in its embellishment. The greatest things are those which gain the most by be-ing said most simply, since thus they show themselves for what they are. But I am none the less moved to in its embellishment. The greatest things sist on this point and to strengthen my are those which gain the most by being said most simply, since thus they show themselves for what they are. You do not throw over them the vell, movement, a cry, interprets better than beautifully rounded periods. The most precious possessions of the heart of humanity manifest themselves most simply. To be convincing a thing must be true, and contain truths are more evident when they come in the speech reasoned thus: "Two lights illumino better than one and many have than they can be better we shall know there are are there are are there are the better we shall know and happens, and those who wish to write history after us will be right fortunate. Their hands will be full the better than they can be they fall from lips too well trained or are proclaimed with trumpets. And these rules are good for each of us in his everyday life. No one can imagine what profit would accrue to his moral life from the constant observation of this principle: Be sincere, vation of this principle: Be sincere, moderate, simple in the expression of your feelings and opinions in private and public alike; never pass beyond bounds, give out faithfully what is

within you, and above all watch—that is the main thing. For the danger in fine words is that the diocese of Paris.

They are servants of distinction that the diocese of Paris.

The earliest enactment on the subject in England was an order made in well turned speeches, a few fine books and a few great plays. As for practicing what is so magisterially set forth—that is the last thing thought of. And if we pass from the world of talent to spheres which the mediocre exploit, there in a pellmell of confusion we see who think that we are in the world to talk and hear others talkthe great and hopeless rout of bab blers, of everything that prates, bawls and perorates and, after all, finds that there isn't talking enough. They all forget that those who make the least oise do the most work. An engine that expends all its steam in whistling has nothing left with which to turn wheels. Then let us cultivate silence. All that we can save in noise we gain

using them medicinally and to season their rice. The purple flowered Japanese plant was discovered by Kæmp-fer in 1690 and introduced into Enga similar subject, also very worthy of attention. I mean what has been call-ed "the vice of the superlative." If land in 1709. The Himalayas posses we study the inhabitants of a country we notice differences of temperament, of which the language shows signs. Here the people are calm and phleg-Their speech is jejune, lacks feet in girth, with flowers ten inches color. Elsewhere temperaments are more evenly balanced. One finds pre-cision, the word exactly fitted to the thing. But farther on-effect of the sun, the air, the wine perhaps-hot blood courses in the veins, tempers are excitable, language is extravagant, and the simplest things are said in the If the type of speech varies with climate, it differs also with epochs. Com-

pare the language, written or spoken, of our own times with that of certain other periods of our history. Under the old regime people spoke differently than at the time of the Revolution, and we have not the same language as the nen of 1830, 1848 or the second empire. In general, language is now charac terized by greater simplicity. We no longer wear perukes, we no longer write in lace frills, but there is one significant difference between us and almost all of our ancestors, and it is glows with a brighter red. the source of our exaggerations—our nervousness. Upon overexcited nerv-ous systems—and heaven knows that to have nerves is no longer an aristocratic privilege-words do not produce the same impression as under normal conditions; and quite as truly simple language does not suffice the man of overwrought sensibilities when he tries to express what he feels. In private life, in public, in books, on the stage, calm and temperate speech has given place to excess. The means that novel ists and playwrights employ to galve nize the public mind and compel its at tention are to be found again in their rudiments, in our most commonplac and, above all, in public speaking. Ou performances in language compared to those of a man well balanced and serene are what our handwriting is compared to that of our fathers. The fault is laid to steel pens. If only the truth were acknowledged! Geese, then, could save us. But the evil goes deeper; it is in ourselves. We write like men possessed. The pen of our ancestors was more restful, more sure. Here we face one of the results of our modern life, so complicated and so terribly exhaustive of energy. It leaves us impa-tient, breathless, in perpetual trepidation. Our handwriting, like our speech, go back from the effect to the cause

What good can come from this habit of exaggerated speech? False inter-preters of our own impressions, we cannot but warp the minds of our fellow men as well as our own. Between people who exaggerate, good under-standing ceases. Ruffled tempers, vio-lent and useless disputes, hasty judg-ments devoid of all moderation, the utmost extravagance in education and social life—these things are the result of intemperance of speech

of intemperance of speech.

May I be permitted in this appeal for simplicity of speech to frame a wish whose fulfillment would have the happiest results? I ask for simplicity in literature, not only as one of the best

[TO BE CONTINUED.]

BANNS OF MARRIAGE.

The custom of publishing the banns

of marriage dates back to the primi

The magnolia, so called from Pierr

Magnol, professor of botany at Mont-pellier in the seventeenth century, is a

genus embracing fourteen species of remarkably handsome shrubs delicious-

ly scented and far more hardy than is

commonly supposed. They are very widely distributed in China, Japan and

the Himalayas and in Mexico and the

The old world species seem to have

been the earliest cultivated, the Chi-

nese preserving the buds as well as

three varieties, among them the most magnificent of all, Magnolia Campbelli,

North America has given many dis

tinct varieties, among them the cu-cumber or umbrella tree, the beaver

tree and the favorite Magnolia grandi-

BLOWING HOT AND COLD.

known as "recalescence," which was

and investigated by Dr. Hopkinson

has been noticed in the case of iron at a high temperature. A piece of iron

was heated to about 800 degrees C. and then allowed to cool slowly. At this

temperature it is bright red, but on cooling to about 785 degrees C. a sud-den disengagement of heat takes place,

This phenomenon was investigated more accurately by Hopkinson in the case of steel. Round a bar of this

metal he wound a coil of copper wire insulated with asbestus and Jacketed with layers of asbestus paper. The temperature of the wire was followed

luring the experiment by connecting

find the variation in its resistance and

from this the variation in temperature. The steel bar was then heated bright

red in a furnace and allowed to cool.

degrees C., then rose to 712 degrees C., when it again diminished.

COAL TAR PRODUCTS.

ome of the Things We Get From This One Time Nuisance.

When coal gas was first introduc

United States.

the Ninth Century.

The first banks of which we have recnedies for the dejection of our souls -blases, jaded, weary of eccentricitie ord were established in Italy so far back as 808 by the Lombard Jews, who had benches, or counters, erected in the market places for the exchange of money and bills. It is from their banco, or bench, that banks have taken in art. Our art and our literature are reserved for the privileged few of ed-ucation and fortune. But do not mis-understand me. I do not ask poets, understand me. I do not ask poets, novelists and painters to descend from the heights and walk along the mountain sides, finding their satisfaction in mediocrity, but, on the contrary, to mount higher. The truly popular is not that which appeals to a certain class of society ordinarily called the common people; the truly popular is what is common to all classes and unites them. The sources of inspiration from which perfect art springs are in the depths of Lombard street, who had strong chests for their own valuables, and this was the origin of banking in Britain. number of simple and vigorous forms which express elementary sensations and draw the master lines of human

The chief banks in Europe were established as follows: Venice, 1171; Genoa, 1345; Hamburg, 1619; Holland, 1635; Bank of England, 1694; Scotland, 1606; Ireland, 1783; France, 1803; United States, 1816. nough in such an ideal to kindle the is burning within, feels pity, and to the disdainful adage, "Odi profanum vul-

Handwriting on Iron.

It was an accident that led to the discovery of the method of transferring handwriting to iron. An iron founder while experimenting with molten iron under different conditions accidentally dropped a ticket into a mold. He presently found that the type of the ticket was transferred to the iron in distinct characters. Following up the idea which this fact suggested, he procured a heatproof ink, with which he wrote invertedly on ordinary white paper. This paper was introduced into the mold before the molten iron was poured in. When the mold cooled the paper had been consumed by the heat, but the ink, which had remained intact, had left a clear impression on the iron. forgets, make yourselves intelligible to the humble, so shall you accomplish a work of emancipation and peace; so

Never pose as an angel until you are sure that your wings have sprouted a good crop of pin feathers.—Philadel-phia Bulletin.

EXCISEMAN BURNS.

tive church, for Tertullian, who died A. D. 240, states that warning of in-

tended marriages was given among the early Christians.

It appears that the publication of banns was habitual in many places long before there was any general law A story is told about Burns in his capacity of exciseman. Old Jean Da-vidson kept a small whisky shop and on the subject, since Gregory IV. (1198-1216) speaks of the banns (from Latin ful or lawful. Burns accordingly came with his apparatus and at once detected the irregularity. "Now, Jean, ma woman," he said, "I canna tak this to Dumfries this night; 'tis ower late. But I'll seal it wi' the king's seal and bannum, a proclamation; Anglo-Saxon, ban) being given out in church, ac-cording to custom. The practice was introduced into France about the ninth century and in 1176 was enforced in return to lift it in the mornin'." When he had gone to his lodging Jean fetched other." So the sample was taken and tested and of course found to be all right. Burns was bewildered. "Was In the Himalayas Are Found the Most Magnificent Specimens.

'tis na for me to say. Weel, I just thocht ye were fully smert wir your wee tester."

TORTOISE SHELL. In Working It Gentle Heat and Pres sure Are Mainly Used. brittle than ordinary horn. Heat and

value. Heavy pressure is also impossible owing to its brittle character. a conspicuous object in the scenery of Darjeeling, eighty feet high, twelve shell, are first separated from the skel-eton by the application of gentle heat and then flattened by a similar proc-ess. The superficial irregularities are next rasped off, and the material is

polished, ready for molding into any desired shape. desired shape.

Larger or thicker plates are produced by a process which requires great care and attention. Two surfaces are first rasped and cleaned and are then gentlement of the procesure of the procesure of the procesure. heat liquefies them, and the pre

effects a perfect union, making an invisible joint.

Tortoise shell combs are cut by the the same plate, so that the teeth of one dovetail into the spaces of the other,

avoiding all waste. An instance of the absurdity of some of the notions held by our ancestors was the notion that the ringing of the the dissipation of the electric fluid in the air. The belief was so common at one time that the belis were rung as soon as signs of an approaching thun-derstorm were seen. Science now holds a contrary opinion. Not only does the sound have no possible effect on the air, but the vibration caused by the sound of a bell upon a cloud charged with electricity may cause it to dis-charge its contents upon the ringer of

The Hippopotamus.

When first the Sudan was opened up it was thought desirable to impose a tax on any one killing a "hippo," but tax on any one killing a "hippo," but experience has shown that the "hippo" is unworthy of the care taken of him. He is most destructive. A buil hippopotamus will upset a small boat. The natives have a curious manner of killing a hippopotamus. They attack him with spears when he is in a sleepy condition in the river, and attached to the spear is a rone with a huge float at the spear is a rope with a huge float at the end of it. This float hampers the movements of the unwieldy animal, and after several spears have been driven into him he is easily drawn to the bank and dispatched.—London

pound and lent itself admirably to the production of a great number of useful chemicals. So we find today that all the various brilliant and beautiful dyes employed for coloring various kinds of fabrics are produced from