WEALTH IN THE FORESTS.



has hardly been touched, and it is not likely that the present numerous and mills will in the present generation make appreciable headway toward depletion. The varieties of timber found in the state are red fir, yellow fir, white fir, sugar plac, yellow pine, white pine, bull pine, black pine, pure pitch pine, Alaska pine, spruce, cedar, larch, tamarack, juniper, birch, oak, yew, cottonwood, ash, mapic, alder, wil-low, elm, mountain mahorany, myrtle. low, eim, mountain mahogany, myrtle, dogwood, white cedar, chincapin, balm and cherry. On the eastern side of the Cas-cade mountains pine predominates, while on the western side fir is the leading wood. The chief commercial woods of Oregon are the red, yellow and white fir, and the red cedar. For certain purposes fir has no equal. Masts made of "Oregon pine" (fir) have a world-wide regulation and are used in all parts of the world. For bridgebuild-ing, and for all other purposes where large, long and comparatively light tim-bers are desirable, it is superior to all other varieties. The Douglas fir of Oregon has the strength of oak, with nearly the lightness of ceder. It is straight, durable, and free from knots. No single wood can be put to so many uses and so fully answer all requirements. A recent test of the breaking pressure of fir, Eastern oak and Eastern pine, the pieces of wood hav-ing been four feet long and 2x4 inches in dimensious, made the following showing: To break the fir required a test of 4326

The mountains of Western Oregon are covered with fir forests. The stumpage will yield on an average from 50,000 to 500,000 feet per aure. The trees for miles grow so thickly as almost to defy penetra-tion. The ped fir is found growing in greatest abundance at allitudes of less than 800 feet. It often measures 200 to 250 feet in height. The fiber is very hard and uniform, with an equal growth all around the tree. The timber is vanily superior to all others for bridgebuilding purposes. The yellow fir is found in higher altitudes. It is softer than the red, but its lasting qualities, when exposed to weather, are better. It is superior for flooring and fin-ishing timber. It is admirably adapted to ishing timber. It is admirably adapted to building purposes and Interior finishing work. The white fir is less valuable than the others. It is most found in large quantities. It is used principally for piling. Red cedar has no equal for shingles.

Oregon's timber exhibit at the world's fair was entered as a whole in competition as an instructive, collective, comprehensive and commercial exhibit of worlds in

as an instructive, collective, comprehen-sive and commercial exhibit of woods in their native and manufactured state. This exhibit secured the first medal in the for-estry department. Another important award made on the Oregon exhibit was for manufacturing paper from spruce pulp. Two large paper mills are in oper-ation in the state, and their output is very large and of very fine quality.

Yery large and of very line quality.

The saw-mill industry in the state has been comparatively well developed. The great number of streams coursing the timber belt makes the forests casily available and offers allow for mills been comparatively well developed. The great number of streams coursing the able and offers sites for mills immediately adjacent to their log supply. There is a number of large merchant mills in the state, which saw for the foreign and coast trade. There are six or seven of these mills on the Lower Columbia, five or six on Coos bay, and two on the Umpqua giver, and several at Tillamock bay. The general commercial depression has been felt in the lumber trade, and has had the effect of curtailing the output for export. But conditions now seem to be improving. But conditions now seem to be improving and the industry is assuming its former activity. Mills in Portland and vicinity utly found a market in Denver. Salt Lake City, Omaha, and as far as Chicago. But ratiroud complications had the effect of shutting off cheap transpor-tation, and shipments were interrupted. It rate has again been made, and the offee will doubtless be to stimulate greatly the lumber trade.

The saw mill is found in every city and town, and in all the important timber cen-ters of the state. It is stated that there is about \$15,000,000 invested in the 200 saw mills, 40 shingle mills, and 52 woodworking establishments of Oregon. The average annual output is 500,000,000 feet of lumber, 200,000,000 inths and 100,000,000 shingles.

STREAMS ABOUND IN FISIL The Salmon of the Columbia-Tron in Mountain Waters.

SISHING in Oregon waters has for a great many years been a leading industry. The various rivers and ocean inlets of the state abound in food tishes, and the mountain streams, alive with flany denizens, are an irresistible attraction to the sportsman. The chief commercial fish is the salmon, and on the Columbia river, where salmon-canning had its birth, it ranks high as a wealth-producing pursuit. Thousands of persons are engaged in salmon-catching and packing. It is the chief source of income to all restitents along the Columbia. The Royal Chinook salthe Columbia. The Royal Chinook sal-mon of the Columbia is known the world over as a most delectable article of food, and easily brings a higher price than sim-tlar products from any other place. Sal-mon are taken in seines, gillnets and traps. The latter is a device by which the fish, bound up-stream in the rivers, are led in to an enclosure, at the end of which a large wheel, with buckets, is in motion, driven by the current. The fish once in the buckets, are lifted by the wheel and described. wheel and deposited on a scow, or high and dry place. It is the habit of the salmon to migrate at certain seasons in schools from salt to fresh water, where

they seek spawning grounds. It is while In transit that they are caught in greatest abundance. Indeed, they have been taken from the Columbia in such enor-mous numbers that the supply each year is becoming less, and in consequence the cases in 1873 to 482,000 in 1894. Various Basesires have been devised for replenishing the stock, and to that end the govern ent has established a hatchery on the Cluckaman river, a tributary of the Will lametic, which is engaged in artificial propagation. The state of Washington has provided for the location of another batchers on the headwaters of the Columbia, and it is likely that the government will likewise societ further in the effort to maintain the supply. The dimen-sions which the salimen industry has at-tained in Oregon will be understood when it is stated that on the Columbia river about 600 fishermen and factory hands are employed, and a capital of \$250,000 is engaged. Besides, there are cameries at Alsen bay. Nestuces bay. Cose buy, and Tillamook, it should be added that

people on the Columbia river. It is probably the largest known fish caught with hock and line. Its average weight is about 100 pounds, and at times this average is very greatly exceeded. Fish have been caught weighing 800 pounds. The method of capture is to lower a line without bait, to which is attched a number of hocks. The sturgeon comes in contact with the hooks, which, in his efforts to escape, become further imbedded in his fiesh, and he is hauled from the water. The flesh of the sturgeon may be likened unto halibut. It is palatable and nutritious.

The ocean waters off the Oregon coast.

washington. One-fourth its cuttire area is covered with immense forests, many of whose trees rise to beights of 200 and 250 feet. A circumference of 30 feet at the base is commen. A competent anotherity has estimated that the forests of the state contain 25,000,000,000 feet of timberan aggregate absolutely inconceivable to any human of the ocean. The ocean waters off the Oregon coast

of the ocean.
Complete details of the fishing business in Oregon are likely to be interesting only to those who have or desire to obtain special knowledge of the subject; therefore, space that might be devoted to this important topic is abridged. The ordinary inquirer, however, will be interested in knowing that all streams in the state contribute in contribute in some measure to the sup-ply of food fishes, and every person who is able to muster hook, line and suitable balt, can readily secure his share. Mountain streams are alive with gamy trout and fall easy prey to the sportsman.
There is no sport more interesting than salmon-trolling. And even catching crabs offers amusement as well as excitement to the thousands of sojourners at seaside reports during the summer.

GOLD IN THE HILLS.

Two Very Rich Mining Regions Other Important Minerals.

INING in Oregon has assumed great activity during the past two years. The deposits are generally gold, and, following the depression of silver, prospectors have fairly covered the hills in the mineral regions, and the industry has been given vast impetus. The past two years have been notable, too, in the intreduction of vast impetus. The past two years have been notable, too, in the introduction of more exact and scientific processes in mining operations, and in the profitable and successful development of quartz ledges rather than placers. The Oregon mining districts of special activity are in the Rogue river valley and adjacent hills, and in the Blue mountain region. In the counties of Baker, Grant and Union, in Eastern Oregon. The conspicuous feapounds; Eastern oak, 343 pounds; and Eastern pine, 1510 pounds. A stick of red fir, an inch square, resisted 2000 pounds, while other woods broke at 1500 and 1600 in Eastern Oregon. The conspicuous fea-ture of the quartz veins of both districts is that their ores are generally free-milling. In most of the rich gold mines of Eastern Oregon the velus are true fissures, and the ore bodies are continuous. It was the remarkably rich ore found in the gold free-milling veins of Buker county that caused the first development of the quartz ledges of the Ruker City mines, and while sulphurets and other base gold ores have been uncovered as depth in these old free-milling mines is attained, there are still today in this district large numbers of prospects partially developed where the gold is extracted without the aid of con-

entrators or smelters.

centrators or smeliers.

The history of all mining sections dates from the discovery of gold-dust or nuggets in the beds of some of the local streams. Gold is usually found in the beds of streams for the reason that it is in the minds or gravel of running bodies of water that mining men most naturally look for gold. While the first discoveries are made in the beds of running streams, the rish placer mines subsequently nethe rich placer mines subsequently un-covered in the district are often located in the bed of some prehistoric river, the waters of which have long since been diverted to other channels. The difficulty of working claims in the bed of a live stream of water is the trouble always experienced in regulating the flow which is necessary to allow the miner to dig down in the bed of the stream to bedrock. Gold trict are deposits of gold of fabulous wealth. Although vast sums of money have already been expended in the gittempt to work these deposits successfully, the principal gold placer mines of that district today are "pockets," which claim the attention of a handful of men, where the mining district reals are the money district and the strength of the principal gold placer mines of that district today are "pockets," which claim the attention of a handful of men. and shipments were interrupted. It where the mining and abovers could announced, however, that a low ployment to hundreds of laborers could the solution of the problem of reaching where the mining district would give the bedrock deposits here be made a practica! lesue.

The greatest discoveries of placer gold in Eastern Oregon have been made in the prehistoric river bed now known as the old river channel. This can be distinctly traced for a distance of 80 miles, and along its course have been found nuggets weighing from a fraction of an ounce up to over 170 ounces. The most notable of these nuggets reached a value of Win 6800, \$1500, \$2100, \$2500 and \$2500 respectively. This last was taken out of Gimlet guich in 1570 by J. W. Virtue, the veteran mining man of the Baker City district.

Following the placer-working period of a mining section comes the active search for quartz ledges. Working up the streams in which the placer deposits are found, the miner constantly has his eyes found, the miner constantly has his eyes open for the "mother lode," from which this placer gold has been washed. The gold which is found in the beds of streams has been washed from quarts ledges a mile or two, or possibly hundreds of miles distant. At some point along the course of the stream the watchful glaces of the miner discovers the "float," which indicates to him that he has not far to look for gold quarts. The development of look for gold quarts. ok for gold quartz. The development of these quarts ledges, however, requires the aid of capital and a higher degree of skill than was necessary to wash out placer gold; and it is this feature of work-ing gold quarts that gives to quarts-min-ing its stability as a legitimate business enterprise, while placer-mining, on the small scale in which it is usually handled, is the unsettled calling of the typical miner in which the gambling inclination is the principal incentive for the necessary affort required to work the

The great mining district of Eastern Oregon is covered by the tributaries of the John Day, Grand Bonds, Powder, Burnt and Malheur rivers. This belt is ed within an area of about 130 mile. in length by about 90 miles in width. The early placers of the Canyon City mines were located within this belt, as were all the subsequent rich finds in that part of the state east of the Cascades. In the period of 40 years since the first discovperiod of 40 years since the first discovery of geld in Baker and Union counties, it is estimated that these piacers have yielded no less than \$20,000,000 in gold. The placers of Willow creek, although less limited in extent, have made equally as satisfactory a showing. The Rye valley placer mine, in this district, has yielded, since 1882, an average annual output of 1400 cunces of gold.

The most famous free-million gold mine

The most famous free-milling gold mine in Oregon today is the Virtue, located within a few miles of Baker City. This mine was first opened over 20 years ago, and, with the exception of short periods of inactivity, it has been constantly worked since that time. It is estimated that the yield of this single mine has been no less than \$2,000,000. The White Swan, another rich mine of this district, yielded

called for in the present instance. strict today are some of the most com plete mining plants on the coast, and mining in the entire district tributary to Baker has reached the important stage of being termed one of the principal industries of Eastern Oregon. It is estimated that the output of the mines of Baker and Union countles alone during list yielded no less than \$1,40,000, a gain of about \$200,000 over the value of the output of these mines during the previous year. This output was principally in gold, as the low prevailing poice of silver during the past two years has prevented the working of the silver deposits of Eastern Oregon at a profit to the mine-owner.

An important mining camp is the Crackplete mining plants on the coast, and

An important mining camp is the Crack-er Creek district, about 35 miles long. The chief mines are the North Pole, the Eureka and the Excelsion and Columbia. This district at one time attracted great attention, but the ore was in places so attention, but the ore was in places so rebellious as to make profitable reduction exceedingly difficult. It is now believed that the whole problem has been solved by the introduction of the cyanide lixivitation process. It appears to have answered every requirement, and a renewal of former activity is confidently looked for

The Cable Cove district is four miles west of Cracker Creek, and is in a strati-led granite formation. The mineral belf a four miles in length by three in width. Throughout the district ores average from \$18 to \$20 per ton, the veins being 18 inches to 18 feet wide. The district is in course of development, and has an exceedingly promising future.

There is activity also in the Granite listrict, 40 miles back in the mountains from Baker City. New capital has been nterested, and profitable results are an-

velopment in mines, and it rivals Baker in the volume of its output. Important districts are the mines at Sparia, chief of which is the Sanger group, with an average annual output of \$25,000, Coreucopia, Eagle Valley, Tetognost and Pine Creek. The Dolly Varden and Little Pillsburg are leading mines at Sparia.

have a future exceedingly bright. The recent great stimulus it has received will which now offers more secure inducement to capital, and it cannot be doubted that the opportunity will be taken full ad-vantage of. The outlook is that Orgon's gold output for 1834 will exceed \$2,000,000.

IRON. Nest Gawego, on the Willamette river, seven miles from Portland, the Gawego Iron Company has for a great many years successfully developed a deposit of iron in the Scappoese hills. The product of pig-tron has been sold in Portland and San Francisco. Owing to the tariff and other causes, not necessary to review, the furnace is not in operation; but it is hoped conditions will allow resumption of work. The iron ore found in the Scappoose hills is hydrated exide of iron, or brown hematite. The lava rocks of Oregon are also said to be rich in iron.

COAL COAL

COAL.

Several extensive coal mines are in operation in Coos county. The output finds its principal market in San Francisco. One company, it is said, has capital invested in a \$2,00,000 plant, and Coos hay coal is a fair fival to the mines of Washington. The principal deposits in Oregon lie in the stratified rocks of the coost range. coast range. It is a low-grade lignite. At various places in the state veins have At various places in the state veins have been discovered, and give promise of aboundant returns, if worked. At Wil-holt Springs, Clackemas county, in Ne-halem valley, near St. Helen's, and in the John Day valley, Eastern Oregon, depos-its are located.

OTHER METALS.

Other useful minerals are found in Ore-con. Copper has been discovered in large quantities in Josephine county, and an attempt has been made to mine it. In Douglas county, near Hiddle, are vasi-deposits of nickel. It has been demon-strated pelisfictorily that these deposits are werkable, and have great commercial value. Lead is found in Wallowa county, eucopia, Eagle Valley, Teocmet and Pine Creek. The Dolly Varden and Little Pillsburg are leading mines at Sparia.

The Southern Oregon mines have recently equaled the mines of Eaglern Oregon in extent of development work and degree of attention shown by practical

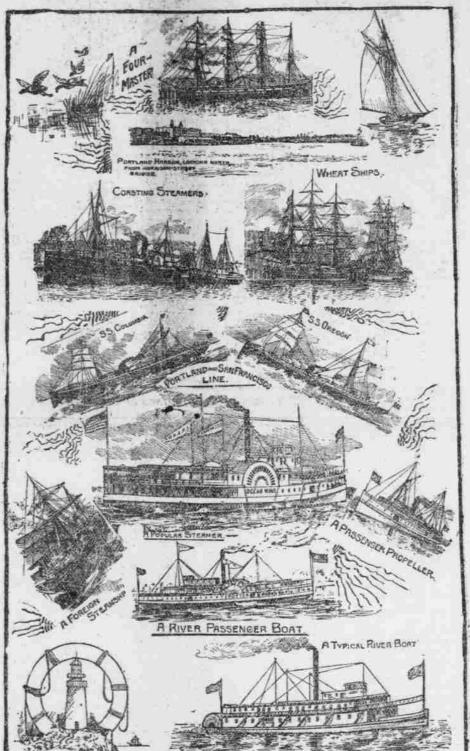
but little loss from any cause. As g rul the animals are in excellent condition in the spring. There is but little rain in the summer, and water is abundant in run-

ning streams and living springs.

Very great profits have been made from Very great profits have been made from the sheep and wool industry in past years. Oregon is in the front rank of woolpreducing states. The annual average elip is 5,00,00 pounds. For 1884 the output in Eastern Oregon was 15,000,000 pounds; Whamette valley, 500,000 pounds; Umpqua valley, 25,000 pounds. Tarrif legislation has recently affected the industry unfavorably, but the prospect is that better prices will prevail. The general engagement in woolgrowing in Oregon has resulted in the development of related industries. Woolen mills are common throughout the state. Looms are in continuous operation at Oregon City, Salem, Albang, Brownsville and other places. There is a large woolscouring plant at There is a large woolscouring plant at Pendleton. About one-half the Oregon output is consumed at home. The number of sheep in Oregon in 1894 was 2.529,750, California, which has more than any other state, had 3,818,157. The annual mutto sales of Oregon are very large, aggregat-ing more than 300,000 head.

The large pursuit of cattle-raising in the

state has had the effect of improving the state has had the effect of improving the strains by the introduction of fine blood. There are many breeders of superior stock. There is much excellent dairy stock, though dairying has by no means assumed the importance it deserves. No essential to successful dairying is lacking in Oregon, and in some important respects its advantages are superior. In Eastern states the most scrupulous economy is practiced in order to make the pursuit a success. In Oregon ordinary care and in-telligence applied to dairying bring even more profitable returns. The even climate and abundant growth of nutritious grasses are very great advantages. Dairying has assumed importance in the Williamette valley, along bottom lands, and particularly on coast points. It has perhaps reached more complete development in Tillamook county than elsewhere. In that coast county there is a combination of cli-mate, pasturage, cool nights and clear water, all admirably adapted to the pur-poses of dairying. At other places in the



TYPES OF VESSELS SEEN IN PORTLAND'S HARBOR.

mining men. Gold is found in all the kaolin, pottery clays, cement and mica i In this connection it may be mentioned numerous streams of Southern Gregon, abound. There are a number of important that poultry-raising in Gregon is ordinarily policy of hulding stone.

Years been generally engaged in. It is only in very recent years that velo-mining the wool and stream of building stone.

WOOL AND STOCK. on a commercial scale, with improve modern appliances, has been attempted In past times very valuable "pockets" had been discovered in Jackson and Josephine counties, but these were speedily exhaust-ed, and were probably responsible for a conviction long prevalent that the veins were not true-fasure. This theory, it has been satisfactorily demonstrated, was wholly incorrect. Permanent ledges have recently been uncovered, and are now being profitably worked. Two practical miners from Colorado, in prospecting in the neighborhood of Ashland during Oc-tober, 1880, struck what they believed to be a true-fissure vein. This was within one mile of Ashland and on the direct line of the Southern Pacific. They quietly proceeded to open up their vein. Their first shipment of ore to the smelter at San Francisco netted them SEP a ton, and cre Francisco netted them \$20 a tou, and cre has since been taken out of this yen which arsayed as high as \$35 to the ton Many other fine prospects in Josephine and Jackson counties are now being worked to advantage. The output of the Ashland mine now amounts to about \$0,000 annually, and the company's five-stamp mill is working on low-grade ore averaging about \$20 per ton, and is being worked at a profit. This ore is merely the product of the development work now being done in the tunnel, and it is reasonbeing done in the tunnel, and it is reasonable to expect that are carrying far more gold will be uncovered as greater depth is attained. The Sterling mine near Jacksonville has yielded about \$100,000 in the

The success of these mines has immensely atimulated interest in the indus-try in Southern Oregon. The entire foot-hill region in that district is mineralized, and prospectors are very numerous,

Strikes are frequently reported.

An important producing mine is the Annie Consolitated, in Lane county. In Lunn county, the Albany Mining & Milling

Grent Development of These Indus-OOLGROWING and stockrais-ing generally have reached the very highest development the very highest development in Eastern Oregon, and have assumed no small importance in the district west of the Cascades. The vast bunchgrass plains east of the mountains afford very fine opportunity for stockraising of all kinds, and cattle, horses and sheep are to be found by thousands in every part of the great region. Eastern Oregon might be fifty termed one immense stock range, though it is not to be understood that the country is entirely surrensized

stood that the country is entirely surrendered to that pursuit. As a matter of fact, the plow is year by year confining the extent of the range to more limited areas; but the farmer and the stockman thoroughly understand that their interests are mutual, and there is little or no fric-tion between them. Stockraising through-out the state is commonly associated with agriculture, but it is likewise extensively engaged in as an exclusive pursuit.

The chief aid to the stockraiser is the

native bunchgrass, which grows so abun-dantly that Eastern Oregon is often known olloquially as the "bunchgrass country. colloquially as the "bunchgrass country," it takes the place of ordinary pasture and of grain or hay. It contains all the elements of nutriment necessary to the development of hone, muscle and firsh. Bunchgrass horses are uniformly swift and hardy. Besides the bunchgrass, ryegrass grows on lowlands and hillshites; but stock prefer the larger growth and neglect the rye. It has been demonstrated, howstock prefer the larger growth and neglect the rye. It has been demonstrated, how-ever, that when the bunchgrass is trampled out, other native growths take its place, and now support stock just as ent-isfactority as ever. The conditions of climate in Eastern

and Tillamook. It should be added that fresh sulmon is largely consumed both at home and abroad. Oregon ships another rich sume of this district, yielded a group of at home and abroad. Oregon ships another rich sume econd, produced for manily to the East upwards of issues pounds. The halits of the salmon are a mother are pounds. The halits of the salmon are to their methods of migration, and there are phases of their methods of migration, and other rich mining companies that dely of the Crock and other rich mining companies that dely of the Crock and other rich mining companies that dely of the Crock and other rich mining companies that dely of the Crock and other rich mining companies that dely of the crock and other rich mining companies that dely of the conditions of climate in Eastern Ocean and stock requires no shelter except the open sky. It is true that there is coraminated by streams to the beaches of the oversu, and there the black sands are worked of the salmon are the winters are seldent as the stock requires no shelter except the open sky. It is true that there is coraminated by streams to the beaches of the oversu, and there the black sands are worked of the phase of th

rily profitable. It can be advantageously combined with horticulture, agriculture, dairyung or stockraising; or it may be fol-lowed as a single pursuit. The average price for eggs the year around is from 1 to E cents per dozen. Chickens will usu-ally bring 30 cents each, and more. Much attention has been paid in Oregon during the past year to the raising of

logs. Every clement necessary to their successful production is present. Wheat has been fed to hogs during the year with most satisfactory returns. A current news item is that a farmer brought into Salem the other day three dressed porkers for which he received \$1 cash. Others are doing as Well. Special inducements for hograising in the state are cheap food, freedom from disease, and good cash mar-

kets.

The raising of horses in Oregon has ranked in importance with the sheep and cattle industries; but it has recently not been so profitable. The same conditions which have been of advantage to sheep and to cattle have applied with equal force to the horse. He thrives just as well as a sheep on bunchgrass, and he requires almost as little strenger. But for resemp most as little attention. But, for reasons not necessary to review, the demand for common horses during the past few years has notably decreased. Much money has been invested in fine imported stock. There is always a good market for a fine horse, and Oregon excels in producing high-class animals. This branch of the industry has not suffered seriously

The Study of Diet.

Germany is doing a great work in its study of and experiment in dietetic mat-ters. It has now established a school or class of experiment among its soldiers. This class is composed mostly of voluteers. A special diet is given to each man, and his temperature, weight, perspiration, energy and fattgue are carefully recorded. Such comparative study cannot fall to be of the utmost importance. It is intelligence which the human race sorely needs. Conventional usage has made us sinves to most absurd and harmful practices in eating. We are creatures of habit in the matter of the control ter of food, as in much else. Unhappily most of the habits are wrong. We would be armized at the injury we do ourselves daily if we could hnow it. We live, the most of up, on indigestible food, which sot only does not build tissue but aids in

DRS. COPELAND & MONTGOMERY'S GOOD WORK

ONCE DREADED DISEASES WHERE CURES MAY NOW BE SSURED

Asthma and Eczema, Bad Forms of Rheumatism, Severe Types of Ca and Other Maladies, Once Dreaded as Incurable, Now Yield ing Readily to the Copeland Treatment.

If a man dies he will not live again till the resurrection. That much is clear, Medical science has advanced wonderfully, but it cannot warm a dead man's feet or set in motion a heart that has stopped. Furthermore, there are living invalida to whom it can no more restore heafth than it can restore life to the dead. It cannot cure fatty degeneration of the heart nor cancer of the stomach, and it cannot repair a hing that has undergone total decomposition or a liver that has undergone a hardening or a malignant ulceration.

But, in drawing the line between what is possible and what is not possible to an lightened medical science, there is neither sense nor humanity nor professional horiety in exaggerating the list of incurable-maiadies. The physician who holds to-day that common types of chronic ling disease, chronic kidney disease, chronic liver disease, or the severer types of catarrh, asthma, therumatism, etc., are incurable, because chronic, contradicts a matter of fact attested by 2000 people who have been cured of those very maladies by the specialists of the Copeland Medical institute.

A family doctor who knows little of the nature of chronic diseases and still less of the secrets and subtleties involved in their mastery, might well abstain from any expression of "views" regarding their curability or their heurability. His opinion has grown in the shade, like hem-lock, and may be just as poisonous as hemlock—just as depressing and deadly in its action—when administered to patients.

in its action—when administered to putients.

To say that the chronic maladies enumerated above will not yield momphy to correct specialty treatment is either an inexcussable error or an inexcussable false-hood. In either instance it is an inexcussable impertinence in the face of 20,000 intell'gent and reputable people, who testify to their radical and fasting cure of those diseases by the Copeland specialists. And when they say "cured," they mean it. They do not mean a moment's balm to pain, a little rest to sleepless agony. They mean the complete elimination of the seed poison and seed principle of chronic diseases and the permanent return of natural health to the system.

But chronic cutarrh being the malady most frequently and most impertmently described as incurable by those who have no real knowledge concerning it, below is presented the symptoms of a half dozen different forms of the disease, any sufferer from which may be practically assured of a cure by applying to the Copeland specialists. For convenience, the applicant should cut out the symptoms applying to his case and bring them with him, or send by mail if desiring the mail treatment.

OPEN TO ALL.

Bear in mind that any chronic sufferer, whether from extern or other seated and distressing chronic maindy, may apply any time at The Dekum, corner Third and Washington, and receive from the Copeland experts the most efficient treatment now in vogue at the nominal fee-rate of \$5 a month, including medicines, to office and mail patients alike. Trial treatment free to those applying in person. erer, whether from catarrh or other

CATARRH OF THE HEAD AND THROAT

The most prevalent form of catarrh and

The most prevalent form of catarrh and results from neglected colds. Speedy and inexpensive cure by the Copeland system. "Is the breath foul?"

"Is the valoe husky?"

"Do you spit up slime?"

"Do you ache all over?"

"It the ness stopped up."

"Be you and an all over?"

"Is the ness stopped up."

"Do you snown and alght."

"Does your now discharge."

Do you snore at sight.

Does your nore discharge.

Those your nore discharge.

The state the nose bleed casily?

Is there tickling in throat?

Do crusts form in the nose?

Is the nose sore and tender?

Do you sneeze a great deal?

Is this worse toward night?

"Is there pain in front of head?"

Is there pain in front of head?

"Is there pain in back to head?"

Is there pain across the eyes?

"Is there pain across the eyes?"

Is there pain in back to head?"

"Is there pain across the eyes?"

Is there pain across the eyes?"

Is there pain in back to head?"

"Is your sense of smell leaving."

"Do you hawk to clear the throat?"

"Is the throat dry in the mornings?"

"Are you losing your sense of taste?"

Do you sleep with the mouth open?"

Does the nose stop up toward night?"

This form of catarrh is the easiest to cure.

CATARRH OF THE BRONCHIAL TUBES

When entarrh of the head and throat is left unchecked it extends down the windpipe into the bronchial tubes, and after awhile attacks the lungs. Speedy and inexepasive cure by the Copeland system. "Have you a cough?"

"Are you lesing flesh?"

"Do you cough at night?"

"Have you pain in side?"

"Do you rapedite variable?"

"Bo you rappelite variable?"

"Do you cough until you gag?"

"Are you low spirited at times?"

"Do you spit up yellow matter?"

"Do you spit up yellow matter?"

"Do you cough in the mornings?"

"Is your cough short and hacking?"

"Bo you spit up little cheesy lungs?"

"Have you a disgust for fatty foods?"

Is there a tickling behiad the palate?

"Have you pain behind breast bone?"

"Is there a burning pain in the throat?"

To you cough worse night and morning?"

"Do you have to sit up at night to get

"Do you have to sit up at night to get breath?"

If you have these symptoms you have catarrh of the bronchial tubes.

CATARRH OF THE KIDNEYS.

Catarrh of the kidneys results in two catarrh of the Ridneys results in two ways, first by taking cold: second, by overworking the kidneys in separating from the blood the poisons that have been absorbed from catarrh which affects all organs. Speedy and inexpensive cure by the Copeland system.

"Do your hands and feet swell?"

"Is this more noticeable in the mornings?"

"Are they cold and clammy?"
"Is there pain in small of back?"
"Is the urine dark and cloudy?"
"Does a deposit form when left stand-

"Is there a desire to get up at leight"
"Do you see spots floating before your
eyee."
"Are the eyes dull and staring:
"Is there a bad inste in mouth."
"Is your hair getting gray."
"Is your hair getting gray."
"Is your hair getting gray."
"Is the skin dry and harsh"
"Is the skin dry and britle?"
"Is the hair dry and britle?"
"Is the hair dry and britle?"
"Is there nauses after eating."
"Is there puffices under the eyes!"
"Are there dark rings around the "es?"
"Has the skin a waxy look?"
"Do you see unpleasant things white asseep?"

asleep?" "Have you chilly feelings down the "Do the joints pain and ache?"
"Do the legs feel too heavy?"

CATARRII OF THE EARS.

"Are you gradually getting deaf?"
"Have you pain behind cars."
"Is there a buzzing sound heard."
"Do you have ringing in the eard."
"Are there cracking sounds heard."
"Is your hearing had cloudy days."
"Do you have earache occasionally "Are the sounds like steam escaping."
"Do you constantly hear masses."

"Is your hearing worse when you have

CATARRH OF THE LIVER

The liver is affected by ca the disease extending from into the tubes in the liver; expensive cure by the Gradi "Are you irritable?" "Are you nervous?" "Do you get dizay?" "Have you no energy? "Do you have cold feet?" "Do you feet miserable?" "Is your memory poor?" "Do you get tired easily?" "Do you feet tired easily?" "Do you get tired easily?" "Do you get tired easily?" "Ea your eyesight blurred?" "Eaver you pain in the hard." Is your on the pain where?" "Have you pain in the hard." The liver is affected by catarrh

"Have you pain in the back?"
"Is your flesh soft and flabby?"
"Are your spirits low at times?"
"Is there a bloating after eating "Have you pain around the loins?"
Do you have gurgling in bowels
"Do you have rumbling in bowels
"Is there throbbing in the stoma
"Do you have sense of heat in bot
"Do you suffer from pains in tem
"Do you have palpitation of the h
"Is there a general feeling of
ude?"

Do these feelings affect your If you have these symptoms you have catarrh of the liver.

CATARRH OF THE STOMACH.

Catarrh of the stemach is usually caused by swallowing poisonous mucies, which trops down from the head and throat a night. Speedy and inexpensive cure by the Copeland system.

"Is there mausea?"

"Are you costive?"

"Is there vounting?"

"Do you beich up gas?"

"Are you light-headed?"

"Have you water brash?"

"Is your tongue coated?"

"Have you water brash?"

"Is there pain after eating?"

"Are you nervous and weak?"

"Do you have sick headaches?"

"Do you bloat up after eating?"

"Is there disgust for breakfast?"

"Have you distress after eating?"

"Is your throat filled with slime?"

"Do you at times have diarrhea?"

"Is there cush of blood to the head?"

"Is there constant bad taste in the mouth."

"Is there gnawing sensation in stom-

"Is there gnawing sensation in ston Do you feel as if you had lead in stom "When your stomach is empty do you feel faint?"
"Do you beich up material that burn throat?"
"When stomach is full do you feel or pressed?"

If you have you have catarrh of the stomach, or what is commonly called stomach, dyspepsia,

HOME TREATMENT. Every mail brings additional proof of he success of the home or mail treat-

If you ennust come to the office for a symptom blank

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enred at the rate of \$5 a month. Thi

All patients will be treated until

applies to all diseases. Medicia The Copeland Medical Institu-

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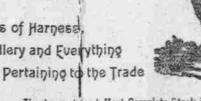
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