Still Mystery

Scientist Agree, However. That Mysterious Deposit is the Dioduct of the Bee, and Historians Believe it is from Ship Wrecked Long Ago On Oregon Coast.

Vehalem Coast Where Beesway is Found.

BY LESLIE M. SCOTT. stead of "mineral wax"-a nutural deposit?

sons have known now more than a cenly for untold generations-why is this and between one and two feet across? substance called by chemists and most seelogists and history seekers the bee have been found within the wax? product of the honey bee, and by others Else why should chemists manithe fossil residue of petroleum?

If beeswax, the material is obviously the remnant of prchistoric shipwreck; ture" on this subject within his reach its place in the ocean and sand leaves during many years and studied the posited by natural process, we look ing persons whose experience antefor more of it elsewhere, also for cor- dates his time and surpasses his in auroborative evidences, on the Oregon thority. He has long held the opinion,

and two inches in diameter. HY is it "beeswax" at Nehalem trai wick holes and—in earlier pioneer Beach—a shipwreck cargo; in- days—with some of the wicks intact? Else why should cakes of the terial have been marked with letters The wax substance which white per- and crosses or trade signs?

Else why should cakes be rectangutury and which Indians found previous- lar, between two and six inches thick, Else why should the imprint of the Else why should chemists unanimously declare "beeswax?"

The writer has read all the "litera-"beeswax"; and now he offers this ar-ticle for the purpose of reviewing the

Baker, from whom I purchased it." The letter continues:

the mouth of the Nehalem River.

that place often they would tell us of cargo. the wreck and of the vessel that Of course, this wax, then at Honolulu, Mountain. After the wreck of the Huddians about the was and money ves- Bremen whaling ship sels

was lost on the splt, and another and as follows: Beeswax in chored near the shore and some people Portland City

Museu

amerce on the Pacific Grean, before the ploneer settlement of Oregon, and it is plausible that a beeswax ship chould have been driven on the Oregon beach. I am indebted to Mr. Himes for the information that in the '40m (probably 1847) a Honolulu newspaper entions the arrival there of a vessel from the Columbia River with several tons of beeawax. Mr. Himes could not find the article for this writing, but When I first came here, 51 years ago Mr. Himes' memory is always reliable (1843), there was beeswax among the The article continued to say that it was Indians, from Salmon River on the common knowledge that a ship laden south to Columbia River on the north, with beeswax for the Spanish mission They did not know what it was, and of California, in the latter part of the used it for lights and leaky canvas. preceding century, had been lost on the They said it came from a wreck near Northwest Coast; the article gave the inference that the wax then arrived at "In talking with the Indians from Honolala was part of the wrecked

brought the gold and silver coin and could have come from some other port carried it up Necanny (Necarnie) than Columbia River, probably did. Again in 1847, another mention of i son Bay Company's bark Vancouver, becawas cargo in the Pacific Ocean; in 1848, a large case of drugs came on - The Polynesian, of Honolulu (Octoshore near that place. Solomon H. ber 27, 1847, reprinted in Oregon Smith and myself concluded we would American and Evangelical Unionist Oregon go down and buy the drogs and find July 19, 1848, Washington County, Rev. out what we could from the old In- J. S. Griffin, editor), said that the Otaheito on "All they could tell us was that long junk in distress, laden with beeswax, before they were born the wax vessel east of Japan. Mr. Griffin commented

"Thmse junks have sometimes brought a chest up on Necanny Moun- known to approach our coast and one

than the storm-beaton sand of the seashore. And if it is mineral wax, we are

driven to the conclusion again that the "mineral" theory will continue to have it is the point to say tast the scanty is a substance foreign to Oregon. Mineral wax, or its parent, petroleum, is not found on this Northwest coast, despite the belief of some persons that they have seen "signs,"

beeswax from a ship cast up 150 or 200 Tides and winds strewed years ago. the wax on the beach; alternately covered and uncovered it with the sand sence-and even if this part of Ore- cheese. and exposed it to sea and sun. Freshets son had frequent deposits of mineral Especially do these proofs fall when of the Nehalem River probably flowed over it and scattered it still wider. Indians and white men carried it broad, would be impossible or improbable; cast and used it for fire and lighting besides, we have the dictum of the itles? and water-proofing. Later, after the chemists-beeswax-and, moreover, the J. S. Diller, United States Geological surface "croppings" disappeared, white kind of beeswax produced in Southern Survey, held in 1895 that the location men dug it out and sold it for profit. Asia; mind you, not the kind produced of the wax and the man-made marks men dug it out and sold it for profit. Even at an early day white men in America or Europe. Chemists of thereon "clearly indicate that the prodnoted ship wreckage nearby. Below high standing have shown that the uct is not a natural product of Orethe wax "mine," at low tide they saw Nehalem wax contains organic com- gon." But Professor Diller went on to relics of old wreckage. Tom H. Roger, pounds unknown in mineral wax but say that these evidences "do not prove

what seemed a ship hulk in 1900; the by bees, wood was not Oregon's-it was teak. Round about the place of the wax of the body of the wax that it was not He presented the Oregon Historical So- -on a long, sand peninsula, between derived from the adjacent land, but clety with a gavel made of this very the ocean and Nehnlem River-are was transported in a body by the sea wood. Many years before, John Hob- smearings or drippings of the wax, and dumped not far from timbers and an anchor chain that were the sand in driftwood fires. This com- 27, 1896, page 8.)

found alongside the wax.

All this has been a frequent theme "mineral" theorists to declaim "wax cal Survey, in 1896, held that "the main Oregon some 20 years. The wax was rock" and "asphaltic sandstone" and terial is evidently wax and not oneknown to white men from earliest mud at the mouth of the Nehalem cerite" (Ibid).

times, and by them was regarded as River are saturated with mineral wax. George P. Merrill, head curator in beeswax until in 1893 the ozocerite But the specimens submitted for chem- the Department of Geology, United theory sprang up from the opinion of ical analysis show beeswax or pitch- States National Museum, in 1893 wrote the Austrian commissioner at the Chi- evidently oozed from burned driftwood in a magazine. Science, that the "sub-cago Exposition. As is well known, —or both. "No true asphaltic sandstone stance has all the characteristics of Austrian Galicia is the chief source of has been submitted from any locality genuine beeswax."

the world's paraffin, which is derived in Northwestern Oregon," says Bulletin O. F. Stafford, professor of chemistry mainly from the mineral ozocerite. The 590 of the Geological Survey, just in the University of Oregon, holds that Austrian commissioner, evidently be- issued, "and at this date the writer the identity of Nehalem wax with beesing "strong" on the Galician substance, knows of none in the state. (Page wax is beyond question (Oregonian, saw a resemblance from Nehalem, and 67.) . . . The pitch-cemented sand January 26, 1908; reprinted in quarterly pronounced "ozococcerite." is common on the Oregon coast, along of Oregon Historical Society, Vol. IX). This made considerable scientific which there is a great quantity of Professor C. E. Bradley, professor of couble. It then became necessary to pitchy evergreen timber." pronounced "ozococerite."

trouble. Variations of color between speci- lege, at the Oregon Academy of Sciences employ chemistry to vindicate what had long been an accepted historical or mens of the "sand rock" may be due June 16, 1906 (Oregonian, June 17, 1906, mythical or self-evident truth. There to variations in the content of the wax page 8), said: "Physically, chemically were persistent legends, from the In- and the pitch. Discovery of wax and, in my opinion, indisputably, the dians, about the wreck of a beeswax chunks near llwaco and Chinook, substanace found on the Nehalem beach ship, and the white explorer, Alexander Wash., and oil traces at the Hawkins is real becswax and not a natural de-Henry, who was at Astoria in 1813, re- farm near Chinook, do not prove the posit."

ported having seen a red-headed In- mineral wax theory. Nehalem chunks dian, "the supposed offspring of a ship have been scattered widely by Indians the United States Geological Survey, that was wrecked within a few miles and whites from time immemorial. We says in Bulletin 590: "Whatever its that was wrecked within a few miles and whites from time immemorial. We says in Bulletin 590: of the entrance of this river many have the testimony of early pioneers source, there is no doubt as to its nayears ago. Great quantities of bees- that Indians, both north and south of ture, and no ground remains for calling wax continue to be dug out of the sand Nehalem, used the sea beach wax for it bozocerite. It has no more connecnear this spot, and the Indians bring it fires and lighting and waterproofing. tion with the occurrence of oil than to trade with us." (Coues, Vol. II, page Even the whites scattered the way wide- the primitive Spanish cannon found 768.) We shall mention again the ship- ly. George H. Himes, curator of the nine miles farther north in the sands wreck legends in a later connection. Oregon Historical Societ, says that of Cannon Beach."

In the dispute between "beeswax" and his parents at Puget Sound in boy-"ozocerite," champions of the former hood in the early fifties used Nehalem riculture of British Columbia, to whom have won frequent victories, from sup- wax for domestic purposes-that is, specimens were submitted by George H. port of chemists and geologists and wax which they knew came from Nepioneer historians. After each debate halem, and which they called beeswax, the question has been laid away, sup- Let the scientists or future time che posedly for good, tagged "beeswax."

convincing? have form of candles between one inch the writer strongly doubts. Right here

"authorities."

And although it is expected that the ocean cast it up on the beach. For, champions-chiefly optimists seeking signs of "oll-saturated sands" of the whether one kind of wax or the other, petroleum in Northwestern Oregon- sea beaches of Gregon and Washington yet the "becswax" theory has the over- -- really pitch-soaked-- and the slight whelming support of historical proba- traces (geologically very old) of liquid bility and scientific authority.

oil at several localities would appear Even if Northwestern Oregon had to fall as far short of proving that many signs of petroleum-which it has the wax in the tidal sand of Nehalem The substance is, in all probability, not; only scantiest traces of its ancient is ozocerite of mineral residue as a presence and abundant geological evi- particular hus of the moon fails to dences of its disappearance and ab- prove that luminary made of green

> wax-paraffin-even then, the geolog- we remember that chemical authority ical explanation of the Nehalem wax proclaims "beeswax." And who are the scientific author-

of McMinnville, found the remnant of present in beeswax and produced only that it is wax and not ozocerite." "TE 38 evident," he wrote, "from the location

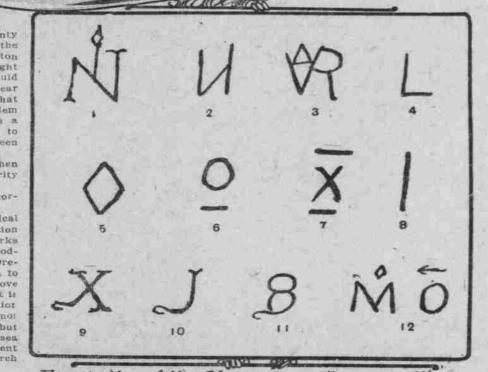
son, of Cintsop County, recovered ship where evidently it had been melted into location." (Letter in Oregonian, March

pound of sand and wa- has moved H. N. Stokes, chemist of the Geologi-

Chester W. Washburne, geologist of

Chemists of the Commissioner of Ag-

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Facsimiles of the Characters Observed Upon Pieces of Nehalam Wax.

have pronounced the substance "min- it from beeswax by mere physical ex- I believe that some time after the deputy, M. Ringuler, asks that if theeral" are the late J. H. Fisk, who called amination is due to the wide range of wreck there was a very high freshet in pain of death should be suppressed. it a residue of paraffin oil (Oregonian, its specimens as to specific gravity, the river, which spread the wax, logs will it be necessary to give an indem-February 27, 1905, page 9); and the late melting point, color and hardness. But and timbers all over the peninsula,

mineralogist of high reputation and Dr. was freighted with ozocerite.

Dr. Kinney evidently relied upon tests analysis of the wax by chemistry are in which this large piece (wax) was But there remain the workmen who made by others, among whom Profes- those of Professor Stafford in volume found was near the center of the spit, have been employed in making absinsor Safford's article mentions a Chi- IX of the guarterly of the Historical There was also found the remnant of the and for whom it will be necessary cago chemical company, and the Scien- Society. These analyses, in the present a ship timber, with some rusty wrought- to procure other work. As for the tific American. Neither test seems to writer's view, are conclusive evidences iron nails, four square, thin at head, millionaires who at such an hour have have been exhaustive or conclusive, of beeswax.

H. A. Mears, of Southern Oregon, upheld the ozocerite theory with the same wax:

Professor Stafford says of them that corded history is in the journal of long, with a swivel in the middle of it; of them for the ruin they have wrought. they relied upon mistaken physical ex- Alexander Henry (1813-14), as referred links, four or five inches long and five- -- Indianapolis News. aminations, which were wholly insuffi- to in the foregoing. Lewis and Clark eighths wide. It was brought from (1805-6) are silent on this subject in that place by J. Larsen and changed cient:

Mineral wax, ozocerite or native their journals. Indian tradition told of ownership several times, finally being paraffin is used for candles, ointments, the wreck of a ship freighted with placed in the mining bureau in San pomades and for various adulterations beeswax.

beeswax. Also for manufacture of The late John Hobson, ploneer of "I do not pretend to know where only a few days before had been transelectric cables and matches, for pre- Clatsop County (1843), gave evidence, these remnants came from, but believe forred to the command of H. Company serving wood, waterproofing fabrics, very convincing kind, of beeswax. Mr. the vessel to have been English, or from another battallon and connequent. coating acid tanks and glossing laundry Hobson states that the wax was im- Spanish, from China, freighted with ly had not time to become accounting The chief source of paraffin until printed with letters and signs; that wax for some South American port, with its idiosyncrasles, was inspecting. work. the last 50 years was ozocerite, which some specimens were in the form of for church purposes, as the large wax his men for church parade on the first.

Moldavia, and is the solidified residue quent cases, were perfect; that with (1, H, S.) was cut on this piece, for at once that the company was far fromar hood in the early fifties used Nehalem p- wax for domestic purposes—that is, id wax which they knew came from Ne-te halem, and which they called beeswax. In The Oregonian p- Let the scientists or future time prove whether there be petroleum in prove whether there be petroleum in po this region, or residual wax—ozocerite, to the to this region could not be shaken; hence here to the to this region could not be shaken; hence here to the to the to the to the total the to the total total to the total t of evaporated petroleum. Latterly, the wax were found pieces of ship pastime, I have no foubt, by one of the being up to strength, he asked the color And why is the "beeswax" theory so this region, or residual wax—ozocerite, blance to petroleum in for fassil resin, in Portland s large plece of the wax. And why is the "beeswax" theory so this region, or residual wax—ozocerite, blance to petroleum residue and has no resem-some specific gravity and melting point Else why should much of the wax be both petroleum and ozocerite, though invo form of candles between one inch the writer strongly doubts, Right here

tain and carried sacks of money and of them to c put them in the chest and killed a man to the Indiana three Japanese men in and put him also in the chest." 1829. May we not suppose our coast

In 1868 Mr. Hobson served as guide beeswar, which the Indians so offen for a corps of Government engineers, bring in to the sottlements, picked up who surveyed Nehalem River and bar, near the mouth of the Columbia, from His letter continues:

halem River) lies on the line of travel found its way by some lost junk, over of all the coast and the wax scattered a century since? all over it and the constant winds blow- Chemistry tells us the Nonalem beesing the sands from the northwest in wax is the kind produced by bees in-Summer and southwest in Winter has Southern Asia. The Nehalem beeswak bleached nearly white. There was much California or South

when softened by the sun, "Here is where the Indians used to When the whites came here to settle credible. they collected wax, and one, Baker, made a business of it and found that the most of it, when exposed to view, was lying on a thin stratum of earth,

Francisco by Mr. Charles Hughes.

all over the peninsula. "Baker took his spade and would fairy," in other words, absinthe. He prospect the sand dunes. If the clay adds that though the question of abstratum was found, he would follow sinthe is settled, the matter of indem t up and find large quantities of wax nity still remains and asks what indemin all conceivable shapes and sizes, in- nity shall be given to the manuface cluding many candles from one and turers of this poison. "A number of one-half inches to two inches in diam- honest people," says M. Tery, "are eter, and where the sun had closed the astonished that this question should end the wicks were perfect.

"On these dunes, many of them, logs tioner)." Al. Terry is of the opinion Dr. Augustus Kinney, of Astoria, who for the positive identification of the rotted and grass grew in places and that the government hardly owes to Neither of these men was a chemist in the expert sense; Mr. Fisk was a be inferred that the "wrecked ship" them, thus protecting the wax and the consideration that it owes to M. Delbstratum, for there were remnants of ler; that if one kills a mad dog is his Kinney was distinguished in pathology. The most complete and recorded rotten wood in most of them. The one owner to be compensated for his loss? even from head to point, six or eight the offeoniery to demand indomnity, Now for historical evidence of bees- inches long, and about five-eighths of M. Tery is of the opinion that they an inch thick at the head. There was should osteem themselves lucky that kind of authorities as Dr. Kinney's; The first mention of the wax in re- also a copper chain, about 50 inches the nation does not demand damages

Manchester (England) Guardian

training camps. Captain -101.70 mined extensively in Galicia and candles, the wicks of which, in fre- candles would indicate. The monogram Sunday of his new command, Noticing er two men in the ranks siggled, but

among the gravel and of such mineral-"This peninsula (at mouth of Ne- like appearance until melted over,

covered and uncovered it for ages, and could plausibly have been wrecked in the sun has softened it into different a Japanese or a Chinese ship; or in 4shapes and sizes. Some pieces were spanish ship, on route from Asia to-Girt and sand in it, which stuck to it candles would be up al in the Catholic settlements.

This seems the most likely theory, pick it up when crossing this waste. It is the oldest theory and the most

The French "Green Fairy"

like the sediment of a river freshet GUSTAVE Tery, in the Paris Journal, (which I believe it was) and scattered Gusteries that the first shot from the enemy's cannon killed "the green

be discussed at all; and a socialist

Volubility of a Sergeant.

This story comes from one of the