

MALARIA PROJECT INTRODUCTION January 22, 2022

Malaria is a disease that affects about 200 million people globally per year.

In 2019, about 400,000 people died from this disease, the majority in Africa.

It is well known that the disease's cause is a parasite, Plasmodium.

Falciparum, which is carried by mosquito and injected into humans (and possibly other animals), by their "bite".

Some common methods to fight this disease are the use of mosquito netting, DDT spray, insect sterilization, and DEET (N,N-diethyl toluamide). Others are picaridin, IR 3535, oil of lemon eucalyptus (OLE).

Para-menthane-3,8-diol (PMD), 2-undecanone for mosquito control.

Also, quinine from the bark of the cinchona tree is used to "cause the fever to abate."

In today's world, the focus is on an immunization approach. Progress has been reported, however, there are noted shortcomings to be 100% effective in the eradication of the malaria disease.

This proposal's focus is to seek and find a solution to PREVENT mosquitoes from "biting" humans, particularly small infants and children.

A number of different approaches are described that conceivably would lead to an effective and a reasonable (cost effective) to the eradication of the sickness and deaths caused by this terrible disease.

PAGE ONE January 19, 2022

CURRENT, AND FUTURE CHALLENGES TO ERADICATION OF MALARIA

Please note: The CHEMICAL & ENGINEERING NEWS Volume 99, Number 31, August 30, 2021, pages 16 to 18; offers a great insight into the current status of research efforts and a number of challenges in the development of a malaria disease eradication in humans.

Here are some of the highlights gleaned from this article.

- Reportedly, \$2.5 billion dollars in 2020 was spent on malaria control, worldwide.
- More than 100 vaccines have been tested over the years. Including R 21, developed by University of Oxford, which is now in Phase 3 trials. It took about 10 years to develop this R21 vaccine. R 21, reportedly, is the first vaccine to have 77 % efficacy.
- The WORLD HEALTH ORGANIZATION'S (WHO) 2015 goal is to have a malaria vaccine that has a 75% efficacy.
- An earlier vaccine, RTS,S, which took about 10 years to develop, was funded in part by the Bill and Mary Gates Foundation and global non-profit PATH. The RTS,S vaccine was found to have 50% efficacy in the first year, however, 5% of children in clinical trials developed febrile seizures.
- The PLASMODIUM species are complex, multi-cellular creatures with thousands of genes. By contrast, SARS-Cov-2, the virus that causes COVID-19, is made up of roughly 30 genes. This adds to the complexity of attempting to develop an effective vaccine.

- Malaria is not found in wealthier nations so basic funding trickles in, and industry isn't quick to get involved.
- No other drug company, besides Glaxo-Smith-Kline (GSK), has made a substantial effort in entering the malaria vaccine race.

There have been many stumbling blocks utilizing the vaccine approach to develop an effective and implementation of a malaria disease answer. The vaccine approach require extended trials, in some cases, two doses plus a booster shot are needed. With the recent history with COV- 19 vaccination process, demonstrates some of the limitations of a vaccine approach.

January 20, 2022

MALARIA PROJECT LONG RANGE GOALS

1. A 100% eradication of the malaria disease with the focus on Africa and infants and small children.
2. Identify a solution using a Biblical foundation, starting with God's Creation as described in Genesis, any evidence and/or lack of evidence in other books of the Bible. (Mosquitoes are not mentioned in the Bible.)
3. Explore and identify plants, parts of thereof, natural occurring chemicals, that prevent mosquitoes to "bite" people. Search worldwide for persons or people groups that immune to biting mosquitoes.
4. The desire is have a solution that is effective against all mosquito species, including ones that have mutated from the originally insects Created. Note: Mosquitoes may or may not have been the Ark during worldwide flood, since its larva metamorphosis stage develops in water.
5. If the solution turns to be an existing God designed natural chemical, it will require the identification of this chemical structure and eventually synthesizing it.
6. The solution must be economical to administer, in order to reach the maximum number of people within a reasonable time. This could mean visiting and setting up in remote areas.
7. The solution must be integrated into Christian missionary efforts throughout the world.

THOUGHTS: OBSERVATIONAL AND ANECDOTAL BACKGROUND INFORMATION

Some years ago my wife Rolly (deceased) claimed that she had never been bit by mosquitoes. One day, as we were out for a walk, she had a mosquito land on her arm and immediately fell off. (NOTE: This mosquito did not fly off but it rolled off her arm). Since mosquitoes readily attack me, I placed Rolly's cloth hood over my head and NO mosquito bites!

Reportedly, American Indians in far northern Minnesota, near the Canadian border, have immunity to mosquito bites.

An article in the March 8, 2021, Chemical & Engineering News, page 7; describes that "Catnip makes mosquitoes feel pain. It has an opposite effect on cats, activating feline opioid

receptors".

In the 1960's Thomas Eisner of Cornell University observed that catnip oil repelled mosquitoes, (See article in #3 above for reference).

Reportedly, Marcus Stensmyr of Lund University found the key ingredient was cis,trans-Nepetalactone. Mutant mosquitoes remained unfazed by this catnip oil.

There is a hope, that there is a natural, God Created plant that generates mosquito bite resistance for people. Current knowledge finds plant and trees exude specialized chemicals, primarily to ward off or defend against insects and perhaps other evasions.

- If a substance is found to prevent a mosquito to alight its six feet on the skin, it would avoid it from injecting a parasitic fluid into the victim.

- When God Created Adam and Eve, they may have had a designed resistance to mosquito bites. Since God created life in Creation week, it is speculated that He also Created mosquitoes at the beginning of life on Earth, (Genesis Chapter 1: verses 1 -31, 2:1-4) Mosquitoes always been mosquitoes, however, through genetic modifications lead to different species, however, of these have variations still have most of the characteristics of the original Created insect.

An additional benefit, in elimination of skin bites would avoid typical skin irritation, itching, and swelling of a bite.

A natural plant solution is envisioned, however an animal solution needs to be examined.

The current use of DEET comes closer to a solution than any other. However, there are some obvious shortcomings, i.e., limited time on the skin to be effective and body application coverage only where it is applied. DEET is a synthetic produced chemical whereas a natural occurring substance is preferred.

Such a natural based chemical may have fewer cautionary side effects than a chemical synthesized one.

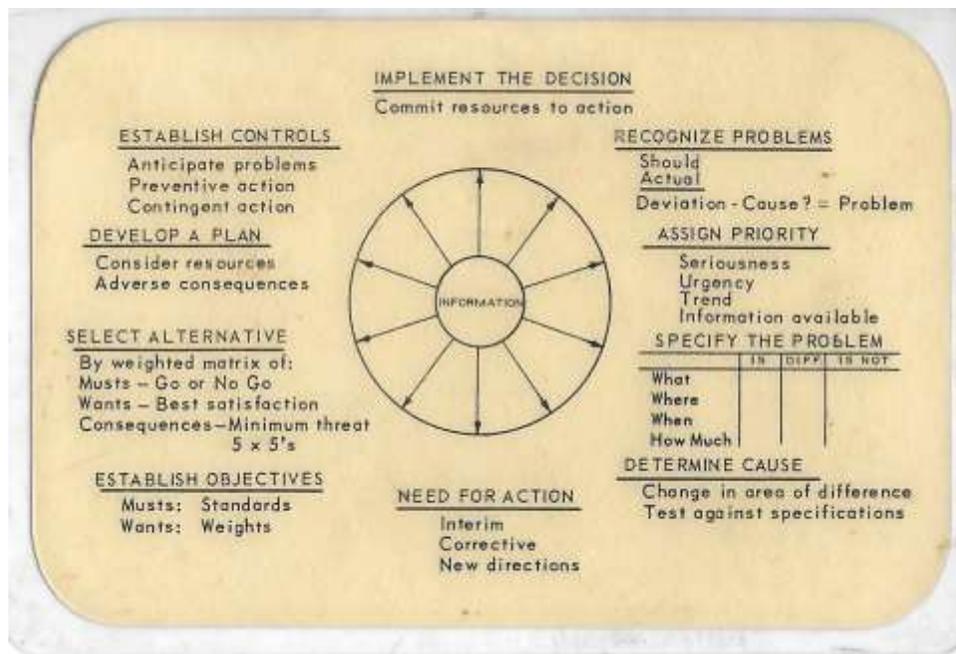
A LIST OF APPROACHES AND PLANNED ACTIONS IN THE ELIMINATION OF MOSQUITOES BITING HUMANS AND ENDING THE MALARIA DISEASE

1. GOD inspired guidance and insight is found in the HOLY BIBLE. From Genesis though Revelation, there are True and accurate words to serve as a foundation for eradication of malaria disease in humans. Search for these truth as they relate to a solution.
2. Study the ongoing work of Dr. Cassandra Leah Quave and her team explore the natural plant kingdom for medical solutions. As a reference her book, THE PLANT HUNTER, Copyright 2021, Viking Press; ISBN 978198487910 (hard cover) and ISBN; 9781984879127 (e-book), pages I to 371.3
3. Study the work of Nick Lliquori and his book, ECHOES OF ARARAT- A collection of 300 flood legends from North and South America.
4. Contact ECHO, Dr. David Erickson, President/CEO, also a connected organization APPROPRIATE TECHNOLOGIES. I7391 Durance Road, North Fort Myers, 33917. This

organization directly trains individuals for service in emerging countries though out the world.

5. Contact Wycliffe Bible Translators (WBT) and Lutheran Bible Translators (LBT) to seek help in gathering mosquito/malaria information, as they do their mission work in developing countries.
6. Contact Dr. Randy Guliuzza, P.E., M.D., President of the Institute of Creation Research; (ICR). Does the enclosed concept fit into their next Bible-Based Theory: Engineered Biology direction.
7. Study vast information available on Wikipedia regarding mosquitoes and malaria.
8. Search for information on CATNIP, since it well effect on cats, however, causes pain for mosquitoes. The chemical compound Cis,trans-Neptalactone. '
9. Study Mussel adhesives in they rely not only on iron, but also on Vanadium as a curing agent in their adhesive ability wet and other substrates. See the October 18, 2021 Chemical & Engineering
10. Carefully study photo micrographs of mosquitoes, particularly their legs and proboscis positions as they land on a surface.
11. Study the yellow fever history and its control in building the Panama Canal.
12. Use problem solving techniques such as "GENCO".

This involves asking: who, what, where, and how much.



13. Take the next step in corresponding with #'s 2,3,4,5,6 listed above.

14. Eventually, contact the following organizations.

- Bill and Mary Gates Foundation.
- Answers in Genesis (AIG).
- Other close associates.
- Organizations dealing with entomology, ethnobotany, and other related fields of study.

BIBLICAL FOUNDATION FOR GOD'S CREATION OF MOSQUITOES

In Genesis Chapter 1:24, God's Word posits: "bring forth every living creature, every creeping thing." Besides all animals and man, a special note on every creeping thing.

It is worded in a different way in Genesis 1:25, "...everything that creeps on the earth". And continues in Genesis 1:26, "...every creeping thing that creeps on the earth. Continuing in Genesis 1: 30, repeats "everything that creeps on the earth". When God repeats himself, it is assumed that He renders this a very important as is creeping and variations five times in four verses, followed by Genesis 1:31, "Everything the He made and indeed was VERY GOOD", so the evening and the morning of the sixth day".

Skipping to Genesis Chapter 6:7, "I will destroy man whom I created from the face of the earth... both creeping thing..." There is a repeated mention of creeping thing and variations thereof, in the subsequent Chapter 6:7, in destroying besides man and beast; "and the creeping thing, etc."

In Genesis Chapter 6:20, God has birds, animals, Noah's family of eight persons, "and of every creeping thing on the earth after its kind..." to enter the Ark.

It is noted that creep, creeping thing, everything that creeps on the earth is mentioned many times in the Chapter 6 in the true God breathed Biblical account.

The question is whether mosquitoes were on board the Ark during the world wide flood year? The answer is not known, mosquitoes in the adult stage have a short time life, and it is speculated that if they were on the ark that did not produce or lays eggs for subsequent generations of adult mosquitoes.

Another possibility is that were in the flood waters, and in the form of mosquito eggs. From Genesis Chapter 8:11, "And the dove came back to him in the evening; and lo, in her mouth was an olive leaf plucked off: so Noah knew that the waters were abated from off the earth."

This implies that plant life had survived the great flood in the waters. The worldwide flood would allow seeds be distributed throughout the earth and be divinely planted by God himself.

In the same vein, it may be possible for mosquito eggs to survive the flood waters and be

distributed throughout the earth. These eggs perhaps did not hatch on the earth until the water receded, then into the ground into places divinely chosen by God himself.

What was the purpose of these mosquitoes, who are not 'creeping things' in this newly formed world after the flood? One possibility was to serve for specific plants to be fertilized in a different manner than by pollen.

GERMAINE BIBLE VERSES CONCERNING CREEPING
THINGS In GENESIS CHAPTERS 6, 7, 8, 9, AND 11

GENESIS CHAPTER 6: 7. So the Lord said, "I will destroy man whom I have Created from the face of earth, both man and beast, and the creeping thing, and the fowls of the air; for I am sorry that I have made them."

GENESIS CHAPTER 6:20. Of birds after their kind, and of every creeping thing on of the earth after its kind, two of every kind will come to you to keep them alive.

GENESIS CHAPTER 7: 8. Of clean beasts, of best that are unclean, of birds, and of everything that creeps on the earth.

GENESIS CHAPTER 7: 14, they and every beast after its kind, all cattle after their kind, every creeping thing that creeps on the earth after its kind, and every bird after its kind, every bird of every sort.

GENESIS CHAPTER 7:20, 21, 22, 23, 24. Verse 20; The waters prevailed fifteen cubits upward, and the mountains were covered. Verse 21; "And all flesh died that moved on the earth: birds and cattle and beasts and every creeping thing that creeps on the earth, and every man. Verse 22 All in whose nostrils was the breath of the spirit of life, all that was on the dry land, died. Verse 23

So he destroyed all living things which were on the face of the ground: both man and cattle, creeping thing and bird of the air. They were destroyed from the earth. Only Noah and those who were with him in the ark remained alive. Verse 24 And the waters prevailed on the earth one hundred and fifty days.

GENESIS PARTS OF CHAPTERS 8, 9, AND 11

GENESIS CHAPTER 8:6, So it came to pass, at the end of forty days, that Noah opened the window of the ark which he had made.

GENESIS CHAPTER 8: 7 to 12. Verse 7, Then he sent out a raven, which kept going to and fro until the waters had dried up from the earth. Verse 8, He also sent out from himself a dove, to see if the waters had abated from the face of the earth. Verse 9, But the dove found no resting place for the sole of her foot, and she returned into the ark to him, for the waters were on the face of the whole earth. So he put out his hand and took her, and drew her into the ark to himself. Verse 10, And he waited another seven days, and again he sent the dove out from the ark.

Verse 11, Then the dove came back to him in the evening, and behold, a freshly picked leaf was in her mouth; and Noah knew that the waters had abated from the earth. Verse 12, So he waited another 7 days and sent out the dove, which did not return to him anymore.

Genesis Chapter 8: 13-14, Verse 3, And it came to pass in the six hundred and first year, in the first month, the first day of the month, that the waters were dried up from the earth; and Noah removed the covering of the ark and looked, and indeed the surface of the ground was dry.

Verse 14, And in the second month, on the twenty-seventh day of the month, the earth was dried.

Genesis Chapter 8:17, "Bring out with you every living thing of all flesh that is with you: birds and cattle and every creeping thing that creeps on the earth, so that they may abound on the earth, and be fruitful and multiply on the earth."

Genesis Chapter 8:19, Every beast, every creeping thing, every bird, and whatever creeps on the earth, went out from the ark.

Genesis Chapter 8:22, "While the earth remains, Seedtime and harvest, And cold and heat, And winter and summer, And day and night, Shall not cease."

Genesis Chapter 9:2, "And the fear of you and the dread of you shall be on every beast of the earth, on every bird of the air, on all that move on the earth, and on all fish of the sea. They are given into your hand.

Genesis Chapter 9:3, "Every moving thing that lives shall be food for you. I have given you all things, even as the green herbs.

Genesis Chapter 9:5, "Surely for your lifeblood I will demand you a reckoning; from the hand of every beast I will require it. And from the hands of man. From the hand of every man's brother I will require the life of man.

Genesis Chapter 9:10, "and with every living creature that is with you: the birds, the cattle, and every beast of the earth with you, of all who go out of the ark, every beast of the earth.

Genesis Chapter 9:12, And God said; "This is the sign of the covenant which I have made between Me and you, and every living creature that is with you, for perpetual generations:

Genesis Chapter 9:15, "and I will remember My covenant which is between Me and you and every living creature of all flesh; the waters shall never again become a flood to destroy all flesh. Genesis Chapter 9:16, "The rainbow shall be in the cloud, and I will look on it to

remember the everlasting covenant between God and every living creature of all flesh that is on the earth."

Genesis Chapter 9:17, And God said to Noah, "This is the sign of the covenant which I established between Me and all flesh that is on the earth."

Genesis 9:20, And Noah began to be a farmer, and he planted a vineyard.

GENESIS Chapter 11: 8-9, Verse 8; So the Lord scattered them abroad from there over the face of all the earth, and they ceased building the city. Verse 9; Therefore its name is called Babel, because there the Lord confused the language of all the earth; and from there the Lord scattered them abroad over the face of the earth.

4-23-22 WEBSTER'S UNABRIDGED NEW UNIVERSAL DICTIONARY
Copyright 1983, Deluxe Second Edition

Creep (verb); crept, to creep, crawl.

1. To move around with body close to the ground, as on hands and knees.
2. To move slowly, "we took a little boat to creep along the seashore as far as Genoa".
3. To move stealthily, timidity, or furtively.
4. To move secretly; to move as to escape detection or prevent suspicion; to enter the unobserved (often).

The sophistry which creeps into most of the books of argument.

5. To move or behave with extreme servility or humility; to move as affected with a sense of humiliation or fear.

Like a guilty thing I creep ___Tennyson

6. To grow along the ground or a wall, as a vine.

Oh, dainty plant is the ivy, that creepeth o'er ruins old, ~Dickens.

7. The feel as if insects were creeping on the skin of the body; as, the sight may my flesh creep.
8. To slip slightly out of position. To make one's flesh creep to cause one to feel fear, repugnance, etc. As if insects were creeping on one's skin.

Creep (noun)

1. The act of creeping.
2. A creeping movement.
3. In mining, a sinking down of strata overlying a working, the floor being at the same time

pushed up.

The creeps, a feeling of fear, repugnance, etc. as if insects were creeping on one's skin. (Collog.)

BIBLICAL REFERENCES: JESUS' PARABLE OF THE SOWING
THE SEEDS, LUKE 8: 5-15 and MARK 4:2—8 and 13-20.

Note: An analogy of Jesus parable to the Genesis Flood and the distribution of plant life throughout the world during the Flood year, when the waters covered the entire earth.

MOSQUITO PROJECT 7-26-22

The following pages are the second part of this project.

It contains the Biblical background and insight to the survival and reproduction for both specific plants and mosquitoes during and after the great worldwide flood.

It describes current research pharmaceutical, S effort underway to develop a vaccine.

The third part, as of this date, is being composed and written involves the action and organizations to be contacted for their interest and help in future research on the project.

There has been a great quantity of recent and ongoing research in numerous scientific areas, which can be of help in achieving the original goal of eliminating this virus caused disease.

This project goal remains the same, totally preventing mosquitoes from biting people and keeping the virus carried by mosquitoes from spreading, using a natural, Biblical based solution to the terrible disease affecting so many people in the today's world.

PHYSICAL AND FUNCTIONAL
CHARACTERISTICS OF MOSQUITOES 7-14-22

- Mosquitoes are non-creeping insects.
- Their eggs hatch the when the correct ambient temperature and moisture conditions exist.
- Their very small eggs hatch and initially feed on algae, bacteria, pollen, etc.
- It is estimated that mosquito eggs were initially God designed to be robust enough to survive the world -wide flood waters.
- All known mosquito specie variations have six legs, wings, and a proboscis. All share many other physical and functional similarities.
- Mosquitoes have the ability to detect ambient carbon dioxide levels, temperature variations,

and specific odors (given off by plant nectar).

-- It is surmised that mosquitoes prefer nectar, when available. However, when the specific nectar is not available, they aggressively seek to bite humans and animals. Mosquitoes are most active in the early evening and at night.

THE PARABLE, THE SOWING OF THE SEEDS

LUKE 8: 5-15 and MARK 4:2-8 and 13-20.

In these two Bible parables, Jesus clearly describes seeds falling on four types of ground. Verse 8, "and other fell on good ground, and did yield fruit that sprang up and increased; and brought forth, some thirty, and some sixty, and some an hundred."

In a similar analogy, plants, immediately after the flood with waters receding, and now the earth having dry land; a dove was sent out from the ark and returned to Noah with an olive leaf (Genesis Chapter 8, verse 11).

In the world wide flood, it is evident that plants survived, most likely, in the form of seeds.

During the flood year, seeds could have been distributed over many regions of the earth. When the flood waters subsided, the seeds landing on "good" ground after their survival in the flood waters. The seeds could have been distributed over many parts of the earth. When the floodwaters subsided, the seeds falling on "good" ground could have grown into mature plants and this could have began in a relatively short time in the post flood era, after the Ark landed on the mountains of Mt. Ararat. It is speculated that God created robust seeds from the beginning to survive the turbulent waters of the flood.

In a similar analogy, mosquitoes' eggs and other non-creeping things could have been possibly distributed throughout this recently dried land.

Is it possible that God's intelligent design to have specific plants depend upon fertilization/pollination by mosquitoes, for their survival and reproduction?

Referring back to things that "creep" and non-creeping things as described earlier in Genesis, it is plausible that the world wide flood was God's design for both specific plants to rely on mosquitoes for reproduction and vice versa, in a symbiotic relationship?

In a similar analogy, it is well known specific plant flowers depend upon bees to pollinate them. Was it possible that specific plants and mosquitoes were God Created and designed simultaneously for a symbiotic relationship, this, depended on each for reproduction and survival?

Mosquitoes, shortly after the flood, probably depended preferred a specific plant nectar, as their main source of food and necessary reproduction. (Immediately after the flood, it may have taken time for humans and animals to fill the earth, since the only humans and animals

surviving the flood were on board the Ark. (Genesis Chapter 9:1), "so God blessed Noah and his sons, and said to them, "Be fruitful and multiply, and fill the earth."

Initially, after the flood, when Noah and his three sons were given this command. Therefore, in the meantime plants and non-creeping animal life may have been distributed and grown throughout the world.

As paleontologists discover fossilized plants it has been observed that they larger than the same species plants existing today.

This implies that pre flood climate conditions, including atmospheric and soil changed to what is observed today.

In summary, specific plant(s) and mosquitoes may have God designed in a symbiotic relationship, with nectar being the preferred food for mosquitoes for both food and reproduction in the survival of both specific plants and insects.

RECAP OF EXISTING AND NEW MOSQUITO REPELLANTS

The two main features of repellents is prevent itchy skin bites and to prevent the spread of viruses that cause malaria, and other mosquito borne diseases.

The shortcomings of repellents include a short time efficacy, that is, a daily application and a recommended wash off the skin at the end of the each day. "Do not apply too frequently".

Over the years, there has been research and evaluation of numerous chemicals and commercial repellent offerings. Those repellents on the market, vary widely in their effectiveness, and somewhat depended upon the concentration of the active chemical in each market offering.

For an excellent article on the commercial status of repellants see the article in the CONSUMER REPORTS, August 2022 issue, pages 40-45.

RESEARCH STATUS OF PHARMACEUTICAL FIRMS, FOUNDATIONS, MONIES TO COMBAT MALARIA AND OTHER MOSQUITO BORNE DISEASES.

An excellent article was written on the research status by Gina Vitale, Chemical and Engineering News, July 4, 2022, Page 13. Here is a recap of some article from this article. Reportedly, there were 241 million malaria cases in 2020. They are mainly in impoverished communities.

NEGLECTED TROPICAL DISEASES are described as NTD's. From this article, here is a list of the companies and nonprofit monetary commitments for malaria research and

NTD diseases	Malaria	NTD's
Glaxo-Smith-Kline (GSK)	\$ one billion	

Novartis	\$150 million	\$100 million
Bill and Mary Gates Foundation	\$140 million	

These search efforts have a similarity to those of COVID-19 R and D, utilizing a vaccine approach, which require evaluation for side effects and approval.

8-19-22

MALARIA PROJECT —

Four main book references. Please note, all four of these books were published, in 2021 or 2022.

#ONE "WITHOUT EXCUSE" - The compelling evidence for Creation.

By Julie Von Vett and Bruce Malone. Copyright, January 2022.

The December 1, page posits a description of plant nectar. It suggests that specific plant nectar enjoyed by mosquitoes may have become extinct.

#TWO "THE PLANT HUNTER"

A scientist's quest for nature's next medicines.

By Cassandra Leah Quave.

Copyright, 2021.

The author reveals her lifetime search in hunting and finding plants in various parts of the world. Her research teams continued efforts to find a natural plant or parts thereof to combat bacteria borne diseases.

#THREE "HOW TO SELL A POISON"

The rise, fall, and toxic return of DDT.

By Elena Conis. T

Copyright, April 2022, first edition.

This book delves into the 75 year history of DDT, the many groups doing research that both confirm or deny the possible cancer causing of DDT, DDE, and other insecticides/ pesticides. After this long history, DDT is still in use in some of the poorer world countries.

#FOUR "ECHOES OF ARARAT"

By Nick Liguori

Copyright, February 2021.

The Genesis worldwide account is given on pages 10, 11, 12. The claim is reported solid evidence of over 300 flood legends in North and South America. The Genesis flood account is passed down through the generations from the Tower of Babel dispersion to Native American Indian tribes. Each account/interview/historical/content is description is different, however, each has a thread back to the original scattering of people and their languages at the Tower

of Babel.

8-10-2022

A RECAP OF MOSQUITOES CREATED PARTS, FUNCTION, AND THE ABILITY TO DETECT CHANGES

- Mosquitoes may have the ability to detect atmospheric Carbon dioxide and its concentrations.
- They can detect atmospheric temperature and changes.
- Their ability to detect levels of light (from the sun) and changes from day, evening and night.
- Their ability to detect and ingest specific plant nectars.
- There may be other characteristics, for example, sounds from their wing noise, detecting difference in humidity, mild electrical charge differences, etc.

OBSERVED WORLD CONDITIONS FAVORABLE TO MOSQUITO HABITATION

- Mosquitoes are prevalent in tropical and subtropical regions of the world, on a seasonal basis other world regions with favorable conditions for mosquito eggs, nymph and adult stages.
- Adult mosquitoes are known to be less active during the daytime heat, and prefer evening and night to be most active.
- It is speculated that specific plant and mosquitoes depend upon each other for reproduction.

Normally, you would expect plants to utilize carbon dioxide and return oxygen to the atmosphere. For specific plants in a symbiotic relationship with mosquitoes this may be different in that carbon dioxide given off appear is an attractant for mosquitoes.

- The symbiotic relationship between specific plants and mosquitoes may be more complex than described above.
- It is speculated that mosquitoes depend upon specific plants for nectar, that is, both male and female ones. Only when nectar is in short supply or unavailable, the female seeks out humans/animals for blood to reproduce and lay eggs.

Normally, you would surmise that most plants, thrive on sunlight, and take in carbon dioxide and exude oxygen to the atmosphere.

- Mosquitoes are attractive to varying concentrations of carbon dioxide may be a part of the mosquito/specific unique plant symbiotic relationship.

-- There may be instances where an elevated plants change heat temperatures may attract mosquitoes.

MALARIA PROJECT 8-24-22

THREE MAIN SEARCH APPROACHES TO ELIMINATE MOSQUITO CARRIED VIRUS FROM INFECTING HUMANS

A Biblical Creation orientated approaches to prevent mosquitoes with the Plasmodium Falciparum (Malaria) virus from infecting humans.

#ONE, Search and locate world regions where mosquitoes prefer plant nectar to biting people. The focus is on tropical and subtropical world areas to seek specific plant nectars are the main source of nourishment and for mosquito reproduction.

Contact various Christian organizations, missionaries, ECHO (in North Ft. Myers), ICR(in Dallas Texas), Dr. Quave Lab (at Emory University), etc; and possibly others, in their interface and mission

outreach with third world countries, is there a region where people are immune to mosquitoes biting them?

If specific regions can be identified, follow up find if there are unique plant(s) that produce an abundance of nectar preferred by mosquitoes?

For example one source potentially was located in India, simply by asking the question, do you know of an area with mosquitoes, however do not seem to bite people? The location is Bodh Garga in India State of Bihar (central India).

A second stage is sending knowledgeable trained observers to the identified regions, and search for plant(s) where mosquitoes prefer nectar for reproduction over human blood.

If candidate plant(s) are located, could they be grown in other parts of the world? It is hoped that candidate plants have not become extinct or have been negatively changed since their original Creation.

#TWO. If plant(s) can be identified in #ONE\above, and they are edible, exude a substance to the skin that could potentially provide skin protection from biting mosquitoes. These candidate plant(s), if they exist, possibly be grown by regions now plagued by the Malaria disease in the future.

It is hoped that the many mosquito species prefer nectar to human blood.

#THREE. This is an "off the wall idea". Is it possible to develop an implant, where a positive or a negative charge be emitted to human skin, thereby, mosquitoes landing on skin would desire to fly off as fast as possible or render them ineffective? In a similar fashion, could a metal button be attached to the skin that would emit a charge undesirable to a landing mosquito? We know that battery driven buttons exist, when they are attached to the skin to

monitor glucose level or heart functions.

NOTE: The elimination of DDT after over 75 years controversial use would serve not only tropical and subtropical regions, also in backyards and parks everywhere.