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# THE GREAT REVELATION OF CYMATICS

*Cymatics is the study of the shape of sound. But it also has branched out to include the study of how sound affects the environment. This is a relatively new field, which is now being explored with great interest. The findings of the studies others have conducted serve to confirm the Biblical accounts.*

*By Jerry Healan*

Ernst Chladni (1756-1829) pioneered the field of cymatics by drawing a violin bow across flat metal plates covered with sand. His experiment produced various patterns and shapes called Chladni Figures. (See Fig. #1) He published a book entitled "Discoveries Concerning the Theory of Music" in 1787.

In independent studies, mathematicians Nathaniel Bowditch and Jules-Antoine Lissajous revealed patterns that are created by the intersection of two sine curves whose axes are perpendicular to each other. (See Fig. #2)

"Both concluded that the condition for these designs to arise was that the frequencies, or oscillations per second, of both curves stood in simple whole-number ratios to each other, such as 1:1, 1:2, 1:3, and so on. In fact, one can produce Lissajous figures even if the frequencies are not in perfect whole-number ratios to each other. If the difference is insignificant, the phenomenon that arises is that the designs keep changing their appearance. They move. What creates the variations in the shapes of these designs is the phase differential, or the angle between the two curves. In other words, the way in which their rhythms or periods coincide. If, on the other hand, the curves have different frequencies and are out of phase with each other, intricate web-like designs arise. These Lissajous figures are all visual examples of waves that meet each other at right angles." (Quoted from *Cymatics - The Science of the Future?*)

"In 1967, the late Hans Jenny, a Swiss doctor, artist, and researcher, published the bilingual book *Kymatik -Wellen und Schwingungen mit ihrer Struktur und Dynamik/ Cymatics - The Structure*

*and Dynamics of Waves and Vibrations*. In this book Jenny, like Chladni two hundred years earlier, showed what happens when one takes various materials like sand, spores, iron filings, water, and viscous substances, and places them on vibrating metal plates and membranes. What then appears are shapes and motion-patterns, which vary from the nearly perfectly ordered and stationary to those that are turbulently developing, organic, and constantly in motion.

Jenny made use of crystal oscillators and an invention of his own by the name of the tonoscope to set these plates and membranes vibrating. This was a major step forward. The advantage with crystal oscillators is that one can determine exactly which frequency and amplitude/volume one wants. It was now possible to research and follow a continuous train of events in which one had the possibility of changing the frequency or the amplitude or both.

The tonoscope was constructed to make the human voice visible without any electronic apparatus as an intermediate link. This yielded the amazing possibility of being able to see the physical image of the vowel,

tone or song a human being produced directly. Not only could you hear a melody - you could see it, too!

Jenny called this new area of research cymatics, which comes from the Greek *kyma*, wave. Cymatics could be translated as: the study of how vibrations, in the broad sense, generate and influence patterns, shapes and moving processes.

What did Hans Jenny find in his investigations?

In the first place, Jenny produced both the Chladni figures and Lissajous figures in his experiments. He discovered also that if he vibrated a plate at a

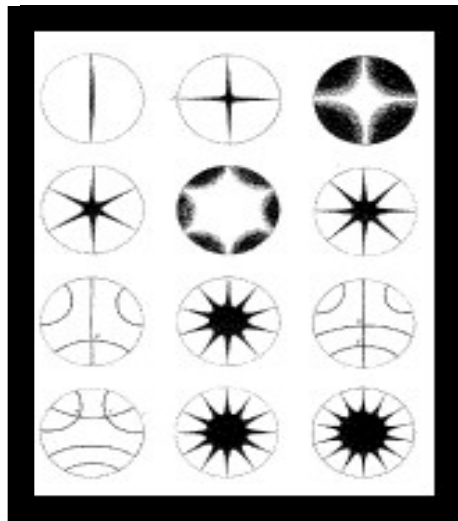


Figure #1—Chladni Figures



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specific frequency and amplitude - vibration - the shapes and motion patterns characteristic of that vibration appeared in the material on the plate. If he changed the frequency or amplitude, the development and pattern were changed as well. He found that if he increased the frequency, the complexity of the patterns increased, the number of elements became greater. If on the other hand he increased the amplitude, the motions became all the more rapid and turbulent and could even create small eruptions, where the actual material was thrown up in the air. The shapes, figures and patterns of motion that appeared proved to be primarily a function of frequency, amplitude, and the inherent characteristics of the various materials. He also discovered that under certain conditions he could make the shapes change continuously, despite his having altered neither frequency nor amplitude!

When Jenny experimented with fluids of various kinds he produced wave motions, spirals, and wave-like patterns in continuous circulation. In his research with plant spores, he found an enormous variety and complexity, but even so, there was a unity in the shapes and dynamic developments that arose. **With the help of iron filings, mercury, viscous liquids, plastic-like substances and gases, he investigated the three-dimensional aspects of the effect of vibration.**

In his research with the tonoscope, Jenny noticed that when the vowels of the ancient languages of Hebrew and Sanskrit were pronounced, the sand took the shape of the written symbols for these vowels, while our modern languages, on the other hand, did not generate the same result! How is this possible? Did the ancient Hebrews and Indians know this? Is there something to the concept of "sacred language," which both of these are sometimes called? What qualities do these "sacred languages," among which Tibetan, Egyptian and Chinese are often numbered, possess? Do they have the power to influence and transform physical reality, to create things through their inherent power, or, to take a concrete example, through the recitation or singing of sacred texts, to heal a person who has gone "out of tune"?

An interesting phenomenon appeared when he took a vibrating plate covered with liquid and tilted it. The liquid did not yield to gravitational

influence and run off the vibrating plate but stayed on and went on constructing new shapes as though nothing had happened. If, however, the oscillation was then turned off, the liquid began to run, but if he was really fast and got the vibrations going again, he could get the liquid back in place on the plate. According to Jenny, this was an example of an anti-gravitational effect created by vibrations.

In the beginning of *Cymatics*, Hans Jenny says the following: *"In the living as well as non-living parts of nature, the trained eye encounters widespread evidence of periodic systems. These systems point to a continuous transformation from the one set condition to the opposite set."*

Jenny is saying that we see everywhere examples of vibrations, oscillations, pulses, wave motions, pendulum motions, rhythmic courses of events, serial sequences, and their effects and actions. Throughout the book Jenny emphasizes his conception that these phenomena and processes not be taken merely as subjects for mental analysis and theorizing. Only by trying to "enter into" phenomena

through empirical and systematic investigation can we create mental structures capable of casting light on ultimate reality. He asks that we not "mix ourselves in with the phenomenon" but rather pay attention to it and allow it to lead us to the inherent and essential. He means that even the purest philosophical theory is nevertheless incapable of grasping the true existence and reality of it in full measure.

What Hans Jenny pointed out is the resemblance between the shapes and patterns we see around us in physical reality and the shapes and patterns he generated in his investigations....

In the closing chapter of the book *Cymatics*, Jenny sums up these phenomena in a three-part unity. The fundamental and generative power is in the vibration, which, with its periodicity, sustains phenomena with its two poles. At one pole we have form, the figurative pattern. At the other is motion, the dynamic process. These three fields - vibration and periodicity as the ground field, and form and motion as the two poles - constitute an indivisible whole, Jenny says, even though one can dominate sometimes. Does this trinity have something within science that corresponds? Yes, according to John Beaulieu, American polarity and music therapist. In his book *Music*

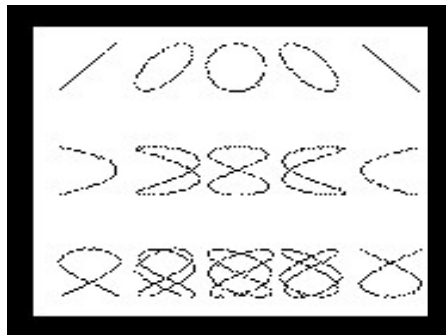


Figure #2—Lissajous Figures



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and Sound in the Healing Arts, he draws a comparison between his own three-part structure, which in many respects resembles Jenny's, and the conclusions researchers working with subatomic particles have reached. *"There is a similarity between cymatic pictures and quantum particles. In both cases **that which appears to be a solid form is also a wave.** They are both created and simultaneously organized by the principle of pulse (Read: principle of vibration). **This is the great mystery with sound: there is no solidity! A form that appears solid is actually created by a underlying vibration.**"* In an attempt to explain the unity in this dualism between wave and form, physics developed the quantum field theory, in which the quantum field, or in our terminology, the vibration, is understood as the one true reality, and the particle or form, and the wave or motion, are only two polar manifestations of the one reality, vibration, says Beaulieu.

In conclusion, I would like to cite Cathie E. Guzetta's poetic contemplation of where the investigation of the relationship between sound and the arising of various life forms might lead us in the future: *"The forms of snowflakes and faces of flowers may take on their shape because they are responding to some sound in nature. Likewise, it is possible that crystals, plants, and human beings may be, in some way, music that has taken on visible form."* (IBID)

In "Cymatics, The Study of Wave Phenomena" the following statement is made, **"Dr. Jenny's cymatic images are truly awe-inspiring, not only for their visual beauty in portraying the inherent responsiveness of matter to sound (vibration) but because they elicit a deep recognition that we, too, are part and parcel of this same complex and intricate vibrational matrix."**

## THE CREATION

The statements made by these articles as well as the research results are extremely profound. But we have even more deep and profound statements to come. Of course, the findings of the researchers into cymatics serve the greater purpose of confirming the Scriptures themselves! This will be our fo-

cus.

We read in the book of Genesis that there was darkness upon the face of the deep. The Spirit of Elohim moved upon the face of the waters, and Elohim SAID, 'Let there be light,' and there was light. (Gen. 1:2-3) Elohim simply spoke the light into existence where only darkness had been before. Reviewing the article above, we can come to only one determination, light exists because Elohim spoke it into existence. It continues to exist because of that spoken word.

Of course, on the fourth day, He created the sun, moon and stars by the power of His word, but they too only exist because of the power of the word that He sent forth, **"And Elohim said, 'Let there be lights in the firmament of the heaven to divide the day from the night; and let them be for signs, and for seasons, and for days, and years:**

15 And let them be for lights in the firmament of the heaven to give light upon the earth: and it was so.'

16 And Elohim made two great lights; the greater light to rule the day, and the lesser light to rule the night: he made the stars also." Gen.

1:14-16.

But before He created the vehicles of light (sun, moon, stars, etc.) He created an expanse, a firmament in which to place these lights, "And Elohim said, 'Let there be a firmament in the midst of the waters, and let it divide the waters from the waters.

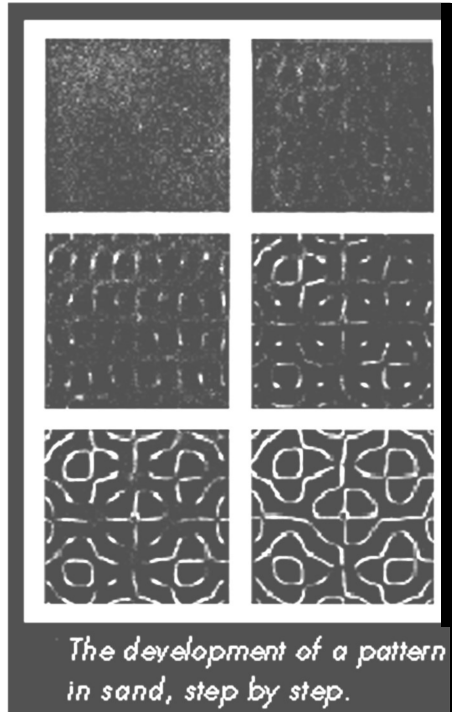
7 And Elohim made the firmament, and divided the waters which were under the firmament from the waters which were above the firmament: and it was so.

8 And Elohim called the firmament Heaven. And the evening and the morning were the second day," Gen. 1:6-8.

Everything that we read in the creation account of Genesis was made by the power of the Word of Yahweh! Psalm 33 declares, "By the word of Yahweh were the heavens made; and all the host of them by the breath (Heb. = ruach = spirit) of his mouth.

7 He gathereth the waters of the sea together as an heap: he layeth up the depth in storehouses.

8 Let all the earth fear Yahweh: let all the in-





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habitants of the world stand in awe of him.

9 For he spake, and it was done; he commanded, and it stood fast.” (vv. 6-9)

What a powerful Creator we have! All He has to do is speak and things are done. Things are created and stand fast! We should greatly fear Him and stand in awe of His great power and ability!

Again, it is declared, “Praise ye Yahweh. Praise ye Yahweh from the heavens: praise him in the heights.

2 Praise ye him, all his angels: praise ye him, all his hosts.

3 Praise ye him, sun and moon: praise him, all ye stars of light.

4 Praise him, ye heavens of heavens, and ye waters that be above the heavens.

5 Let them praise the name Yahweh: for he commanded, and they were created.

6 He hath also stablished them for ever and ever: he hath made a decree which shall not pass,” Psa. 148:1-6.

In Psa. 104:30 we read, “Thou sendest forth thy

**power is inherent in tone, in sound.”** Quote from Hans Jenny's book "Cymatics, Volume 2," page 100; Publisher: Basilius Presse Basel

Does this summation not go hand in hand with what the Apostle John wrote about the word? “In the beginning was the Word, and the Word was with Elohim, and the Word was Elohim.

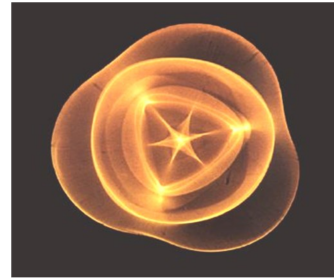
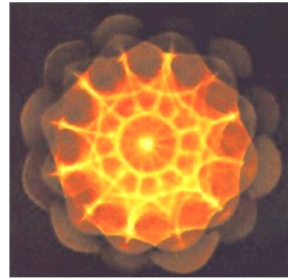
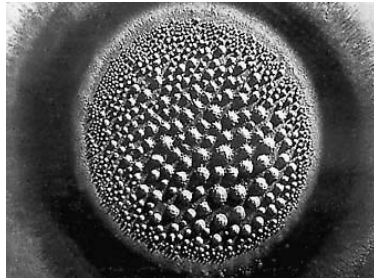
2 The same was in the beginning with Elohim.

3 All things were made by him; and without him was not any thing made that was made.

4 In him was life; and the life was the light of men,” Jn. 1:1-4.

Sit up and listen, all you in the body of the Messiah who deny His pre-existence, which also denies His power, honor and glory. The Scriptures have declared this all along, but now science is corroborating what the Scriptures have to say!

John continues, “He was in the world, and the world was made by him, and the world knew him not....And the Word was made flesh, and dwelt among us, (and we beheld his glory, the glory as of the only begotten of the Father,) full of grace and



*Marvelous shapes caused by sound!*

spirit, they are created: and thou renewest the face of the earth.” This certainly ties in with Gen. 1:2-3 which says that the Spirit first moved upon the face of the waters and then Elohim spoke, creating the light.

## YAHSHUA — THE WORD

After doing much study and experimentation on the subject, Dr. Jenny had to make the following statement, "The more one studies these things, the more one realizes that sound is the creative principle. It must be regarded as primordial. No single phenomenal category can be claimed as the aboriginal principle. We cannot say, in the beginning was number, or in the beginning was symmetry, etc. These are categorical properties which are implicit in what brings forth and what is brought forth. By using them in description we approach the heart of the matter. They are not themselves the creative power. This

truth,” vv. 10, 14.

If you continue to deny these words and many more that we will present, then the main problem is with you. If you can't believe in Yahshua's pre-existence, then you, being made by Him, know Him not! Which of these Scriptures will apply to you? The Scriptures that reveal the truth that Yahshua pre-existed and is the Creator to the New Covenant believer, or the Scriptures that reveal those who deny, disbelieve and do not know Him?

Again, John wrote, “That which was from the beginning, which we have heard, which we have seen with our eyes, which we have looked upon, and our hands have handled, of the Word of life;

2 (For the life was manifested, and we have seen it, and bear witness, and shew unto you that eternal life, which was with the Father, and was manifested unto us,” 1 Jn. 1:1-2.

John declares that this Word of life (Yahshua) is eternal life and was with the Father. This Word of life, this eternal life was manifested to the disci-



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ples. Read it for yourselves and believe what is written.

The book of Hebrews declares, “**Through faith we understand that the worlds were framed by the word of Yahweh**, so that things which are seen were not made of things which do appear,” 11:3. When it says “framed”, the Greek word is *katartizo* which is defined as; **to complete thoroughly**, i.e. **repair** (literally or figuratively) or adjust. (*Strong’s Exhaustive Concordance*, Greek lexicon #2675)

Do you have this faith, or do you not? Yahshua is the Word of Yahweh. This is a mystery that the apostles and writings of the New Testament are revealing to us.

Peter writes, “For this they willingly are ignorant of, that **by the word of Yahweh** the heavens were of old, and the earth standing out of the water and in the water,” 2 Pet. 3:5.

One should be able to read and study the Scriptures in order to deduce that Yahshua is the Word of Yahweh. It is revealed in the Scriptures that Yahshua pre-existed. This should be all that a New Testament believer needs in order understand these powerful and valuable truths. But now science has entered into the fray proffering added proof. There is now no cloak to hide under, no excuse to not believe the profound truths that are revealed concerning Yahshua the Messiah. We can understand how evolutionists with only the spirit of man will be willingly ignorant of these things, but not those who believe in Yahweh’s word and trust in Yahshua for salvation.

The writings of the Apostle John are quite explicit in revealing Yahshua as the Word of Yahweh. In Revelation 19 he writes, “And I saw heaven opened, and behold a white horse; and he that sat upon him was called Faithful and True, and in righteousness he doth judge and make war.

12 His eyes were as a flame of fire, and on his head were many crowns; and he had a name written, that no man knew, but he himself.

13 And he was clothed with a vesture dipped in blood: and **his name is called The Word of Yahweh**.

14 And the armies which were in heaven followed him upon white horses, clothed in fine linen, white and clean.

15 And out of his mouth goeth a sharp sword, that with it he should smite the nations: and he shall rule them with a rod of iron: and he treadeth the

winepress of the fierceness and wrath of Almighty Yahweh.

16 And he hath on his vesture and on his thigh a name written, KING OF KINGS, AND SOVEREIGN OF SOVEREIGNS,” vv. 11-16.

## UPHOLDING CREATION

Quoting the above article again, “In both cases that which appears to be a solid form is also a wave. They are both created and simultaneously organized by the principle of pulse (Read: principle of vibration). This is the great mystery with sound: there is no solidity! A form that appears solid is actually created by a underlying vibration.”..... **Dr. Jenny's cymatic images are truly awe-inspiring, not only for their visual beauty in portraying the inherent responsiveness of matter to sound (vibration) but because they elicit a deep recognition that we, too, are part and parcel of this same complex and intricate vibrational matrix.**

These statements confirm the statements made in the books of Hebrews and Colossians, “Yahweh, who at sundry times and in divers manners spake in time past unto the fathers by the prophets,

2 Hath in these last days spoken unto us by his Son, whom he hath appointed heir of all things, **by whom also he made the worlds;**

3 Who being the brightness of his glory, and the express image of his person, **and upholding all things by the word of his power,** when he had by himself purged our sins, sat down on the right hand of the Majesty on high,” Heb. 1:1-3.

“Giving thanks unto the Father, which hath made us meet to be partakers of the inheritance of the saints in light:

13 Who hath delivered us from the power of darkness, and hath translated us into the kingdom of his dear Son:

14 In whom we have redemption through his blood, even the forgiveness of sins:

15 Who is the image of the invisible Elohim, the firstborn of every creature:

16 **For by him were all things created, that are in heaven, and that are in earth, visible and invisible, whether they be thrones, or dominions, or principalities, or powers: all things were created by him,** and for him:

17 And he is before all things, and **by him all things consist,**” Col. 1:12-17.

*If you can't believe in Yahshua's pre-existence, then you, being made by Him, know Him not!*



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Notice these statements! Yahshua is UPHOLDING ALL THINGS BY THE POWER OF HIS WORD!. The study into cymatics reveals that we are nothing more than vibrations from sound even though we appear to be solid. All solid forms are nothing more than various vibrations from sound!

The word “consist” in Col. 1:17 is translated from the Greek word *sunistao*. It is defined as; to set together, i.e. (by implication) to introduce (favorably), or (figuratively) to exhibit; intransitively, to stand near, or (figuratively) to constitute (*Strong’s Exhaustive Concordance*, Greek lexicon, #4921).

“Consist” is further defined as; to hold together or be held together; exist (usually by some means or agent). (*Webster’s New World Dictionary*)

It is clear what cymatics and the Scriptures are saying. We only exist by the power of the Word of Yahweh. He upholds us, He sets us or holds us together by His Word Yahshua the Messiah. We must stand with and by His power, for if we don’t then we will cease to exist.

## THE FLOWERS OF THE FIELD

The article on cymatics states, “*The forms of snowflakes and faces of flowers may take on their shape because they are responding to some sound in nature. Likewise, it is possible that crystals, plants, and human beings may be, in some way, music that has taken on visible form.*”

Yahshua told the people of His day, “Which of you by taking thought can add one cubit unto his stature?

28 And why take ye thought for raiment? **Consider the lilies of the field**, how they grow; they toil not, neither do they spin:

29 And yet I say unto you, That even **Solomon in all his glory was not arrayed like one of these.**

30 Wherefore, if Yahweh so clothe the grass of the field, which to day is, and tomorrow is cast into the oven, shall he not much more clothe you, O ye of little faith?

31 Therefore take no thought, saying, What shall we eat? or, What shall we drink? or, Wherewithal shall we be clothed?

32 (For after all these things do the Gentiles seek:) for your heavenly Father knoweth that ye have need of all these things.

33 But seek ye first the kingdom of Yahweh, and his righteousness; and all these things shall be added unto you,” Mt. 6:27-33.

Solomon, with all of his power, wealth and influence, would have been clothed in the finest materials that the hands of men can make. However, if

the lilies or flowers of the field are responding to the voice of Yahweh, then how much greater the glory!

Yes, oh yes, is this not the spirit of the New Covenant? Man was given his chance to fulfill Yahweh’s covenant by the power of his own hand, his own strength, his own word, but man failed miserably. Man’s word is useless. Under the New Covenant, all is done by the power of the Word of Yahweh (Yahshua and the Spirit). Therefore, the New Covenant will not and cannot fail. It is a far, far more glorious covenant because it is based solely on the promise of Yahweh.

## THE FIRSTFRUITS

The book of Revelation chapter 14 speaks of the 144,000 firstfruits (vv. 1-5). Notice verses 2-3, “And I heard a voice from heaven, as the voice of many waters, and as the voice of a great thunder: **and I heard the voice of harpers harping with their harps:**

3 **And they sung as it were a new song before the throne**, and before the four beasts, and the elders: and **no man could learn that song but the hundred and forty and four thousand**, which were redeemed from the earth.”

Applying the article on cymatics, these firstfruits will exist and be held together by this song that they are given. This song will be theirs and theirs alone. No one else will ever be able to learn this song. These will be in constant companionship with the Lamb. Others who receive salvation will also be given their song, their music, their relationship with the Father and the Son. They also will be upheld forever by the Word of Yahweh, but none will have the relationship that the 144,000 have.

The Lamb and these 144,000 firstfruits are Mount Zion! Yahweh says that He has placed His king upon His holy hill of Zion (Psa. 2:6). That King is the Lamb Yahshua. Furthermore, Psa. 87 reveals that Yahweh’s foundation is in Zion (v. 1). He loves the gates of Zion more than all of Jacob’s dwelling places (v. 2). Yahweh will count when He writes up the people of Zion concerning those who are born in her (v. 6). That count is 144,000! Yahweh says that all His springs are in Zion! (v. 7)

The Hebrew word for “springs” is *miyan* which has to do with fountains, springs, wells. In other words, this will be the only place from whence the Sprit of Yahweh will be offered. Mount Zion will be the only place from whence the waters of salvation will issue. These waters will issue from the



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Father Yahweh, through His Son Yahshua and from Yahshua through the 144,000 firstfruits.

When Yahweh builds up Zion, He will appear in his glory (Psa. 102:16). Zion will be the perfection of beauty from whence Elohim will shine (Psa. 50:2). He has chosen Zion for His habitation (Psa. 132:13). Once Zion is built up, completed, Yahweh will turn His hand to save Jacob/Israel, "Oh that the salvation of Israel were come out of Zion! When Elohim bringeth back the captivity of his people, Jacob shall rejoice, and Israel shall be glad," Psa. 53:6. "Oh that the salvation of Israel were come out of Zion! When Yahweh bringeth back the captivity of his people, Jacob shall rejoice, and Israel shall be glad," Psa. 14:7.

Psalm 33 begins by declaring, "Rejoice in Yahweh, O ye righteous: for praise is comely for the upright.

2 Praise Yahweh with harp: sing unto him with the psaltery and an instrument of ten strings.

3 **Sing unto him a new song**; play skillfully with a loud noise.

4 For the word of Yahweh is right; and all his works are done in truth," vv. 1-4.

The "new song" will be the song that the firstfruits of Zion will be singing.

This song will be sung at Jerusalem and will eventually fill the earth. This new song, this new sound, this new vibration will serve to heal the earth and bring salvation. There will be no place found for the evil music that fills the earth today. The one who inspires that music will be put away (Rev. 20).

*Applying the article on cymatics, these firstfruits will exist and be held together by this song that they are given.*

Yes, cymatics is a most powerful tool. The science of cymatics, along with the Scriptures, serves to prove how powerful Yahweh, and Yahshua, the Word of Yahweh are. Let us serve Him with greater fervor than ever before and let us declare Him to the earth. May His glorious kingdom come soon, very soon. HalleluYah!!!

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