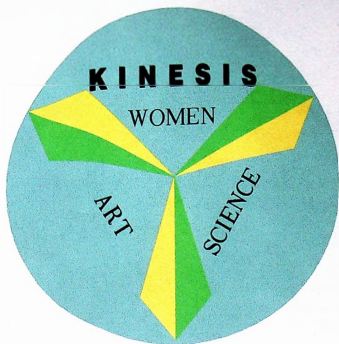




KINESIS

one



KINESIS 1

WOMEN ART & SCIENCE

SYNTHESIS

THE BRITISH COUNCIL HALL, KADUNA

1 - 7 December, 1999



This Project is Sponsored by The British Council

FOREWORD

KINESIS is a group of women artists and scientists who are researching into the interaction of art and science in our daily lives, founded in 1998 by a group of women in Zaria, Nigeria. The formation of this group was influenced by the participation of some of its members at the catalyst exhibitions organized by Catalyst Women Art and Science an international organization based in England. The name Kinesis is to show the direct influence of catalyst on its setting. The group's major objectives are to enhance the participation of women (especially Nigerian) on the art scene as well as influencing research into the interaction of art and science in our daily lives.

This maiden edition of the Kinesis exhibition titled **SYNTHESIS** has drawn participants from all over Nigeria and **Catalyst** whose membership is drawn from all over the world. Subsequently membership of Kinesis shall be opened to women from the international community.

The formation of Kinesis has gone to reaffirm the power of collation and dissemination of information, forming and maintaining links, which probably is one of the most effective ways of creating maximum impact on our society.

This project would not have been achieved without the financial support given by The British Council. Mention must be made of Emmanuel Umeadi, Vincent Odey, Bola Olaoye, Grace Kwasau and Peter Aselefun of the Council's Office in Kaduna.

Special thanks are extended to Catalyst Women Art and Science U.K for accepting to participate in this exhibition ensuring its smooth take off.

Special mention is made of Tonie Okpe, Department of Fine Arts Ahmadu Bello University, Zaria, Nigeria for his contribution and professional advice.

Thanks to Aftershave International Artists Workshop Zaria, Nigeria for encouragement.

And to all Kinesis members for the support given within the group.

Adele Garkida
Coordinator



Women, Art and Science 3 Albert Road Southsea Hampshire PO5 2SE

Catalyst is a open group of women artists and scientists who are continually researching the relationship between art and science in our daily lives. We were founded in 1995 by a group of women in Portsmouth specifically for the celebration of International Women's Day, March 8th.

The group has a worldwide network of women artists and scientists and holds an annual exhibition in which we bring together our collective thoughts on a given subject. Via such pathways as medical and social science, quantum physics and the science of numbers, exhibitors explore our destiny.

Catalyst : wishes to extend it's thank to **Kinesis** for the opportunity to exhibit our work here in Nigeria on this very special occasion of **SYNTHESIS 1999**.

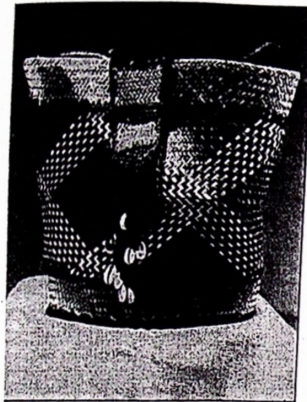
Good luck and best Wishes to you all.

Catalyst UK.

KINESIS 1 - Synthesis Exhibition 1999

	<u>Exhibitor</u>	<u>Title of Work</u>	<u>Membership</u>	<u>Country</u>
1.	Martha F. Ahuman	Synthesis of KB	Kinesis/Catalyst	Nigeria
2.	Ruskana P. Ali	Harmony	Kinesis/Catalyst	Nigeria
3.	Julie Brown	To Get Her	Catalyst	Portsmouth U.K.
4.	Jenni Catlow	Synthesis	Catalyst	Portsmouth U.K.
5.	Anna Dumitriu	'I engineer'	Catalyst	Brighton U.K.
6.	Elizabeth E. Ewule	Vako	Kinesis/Catalyst	Nigeria
7.	Adele Garkida	Metamorphosis	Kinesis/Catalyst	Nigeria
8.	Lindsey Green	Breakthrough	Catalyst	Worthing U.K.
9.	Binta Hamza	Celebration	Kinesis	Nigeria
10.	Theresiu J. Hardy	The Mother of Ten Thousand Things	Catalyst	Holland
11.	Nina Hartley	Synthesis ...Yoga	Catalyst	Havant U.K.
12.	Sally Haynes	Is it on the Cards?	Catalyst	Newbury U.K.
13.	Hafsat Jari	Untitled	Kinesis	Nigeria
14.	B.A. Kparevzua	Shagba Ikondo	Kinesis	Nigeria
15.	Marcia Kure	Photosynthesis	Kinesis	Nigeria
16.	Ishbel Marquis	Fairy Tale Forensics	Catalyst	Portsmouth U.K.
17.	Chidinma Nwankwo	Synthesised Womb	Kinesis	Nigeria
18.	Jummai M. Ogbe	The Beginning	Kinesis	Nigeria
19.	Jan O'Highway	Beach and Mind	Catalyst	Portsmouth U.K.
20.	Renate Prowse	Black Synthesis	Catalyst	Portsmouth U.K.
21.	Sandra Stanton	Demeter Persephone	Catalyst	Maine USA
22.	Lyn Stevenson	Relay	Catalyst	Winchester U.K.
23.	Efe Usiayo	Synthesis of Culture	Kinesis	Nigeria
24.	Jani Wright	'Seeds of Wisdom '...Funi	Catalyst	Petersfield U.K.

SYNTHESIS OF KB



$$R + L + D = SKB.$$

I could not have gotten a better equation to describe or define SYNTHESIS. The Kikyak bag which is a **form** did not come by easily – It is an integration of ideas and experimentation (Art & Science). The colours obtained are by the use of local dyes which were mixed and steamed into the sliced rafia fibre.

The Kikyak is handwoven (off 100m) in different patterned design in long narrow band. Geometric shapes are planned and calculated by every 13cm (5") distance. The designer now utilizes the narrow band into desired forms, thus: colour is to physics as Geometric is to mathematics.

- Patterns are to design, as lines are to form.

Key

Rafia	R
Leather	L
Dye	D

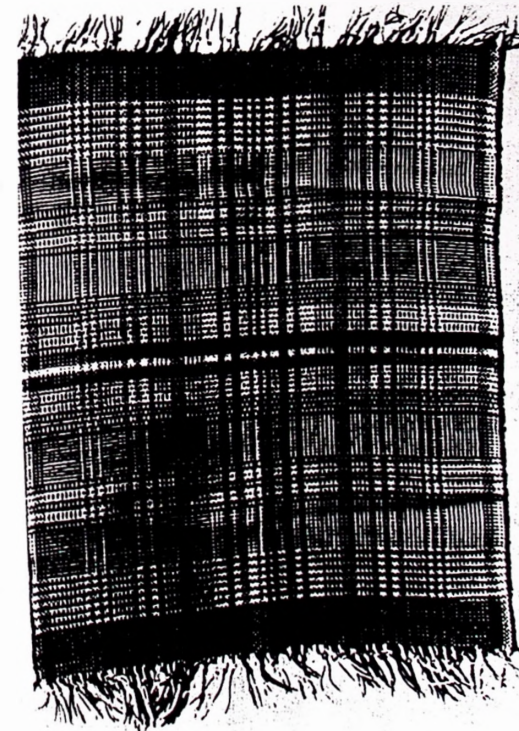
Synthesized Kikyak Bag

S
K
B

HARMONY

Statement: Two (2) yarn colour effect achieved in producing a woven fabric by the manipulation of two different colours (Light and Dark) patterned in both warparrangement and weft interlacing giving a harmonious effect.

This harmony (a principle in developing a design) thus taken care of rhythm and repetition, provides balance, unity, order, agreement and uniqueness, etc in design, reflecting the Kin- relationship of CATALYST and KINESIS.



Julie Brown

TO GET HER

Faced with a dangerous situation adrenaline, noradrenaline and other similar hormones called catecholamines will surge into the system and cortisol will flood the blood stream with glucose.



Repeated exposure to such situations can bring about a state of dissociation, splitting, or separation. This can be defined as a psycho-physiological process whereby information is deflected from integration. This dissociation blocks the ability to access the inner life accurately and appropriately. Remembering and accurately naming what happened can help to bring about synthesis.

She

will

be

Together

Jenni Catlow

Synthesis

An exhibition designed to show a symbiotic relationship between art and science

Statement

The double Venus image I have submitted for this exhibition illustrates kinship



Catalyst being the sister of Kinesis.

The integration of separate elements which make up Catalyst and Kinesis come together in this exhibition titled **Synthesis** - the whole of two parts.



"I engineer"

Statement

I see my work as having a relation to Symbolism as well as taking ideas from science fiction, gothic and Immortality.

The paintings are highly textured using foreign substances introduced in to gloss paint and then worked into using acrylics. I also use Interference acrylic paint which changes colour depending on the angles of light and the viewer.

My work deals with an interest in medical photography (at a cellular level), the imaging of viruses and other physical anomalies. In particular HeLa cells which were the first human cells to be cultivated under laboratory conditions, they helped produce the polio vaccination, were placed at nuclear bomb tests, were the first human tissues sent into space, were injected into convicts, but in effect set research into cancer back by thirty years.

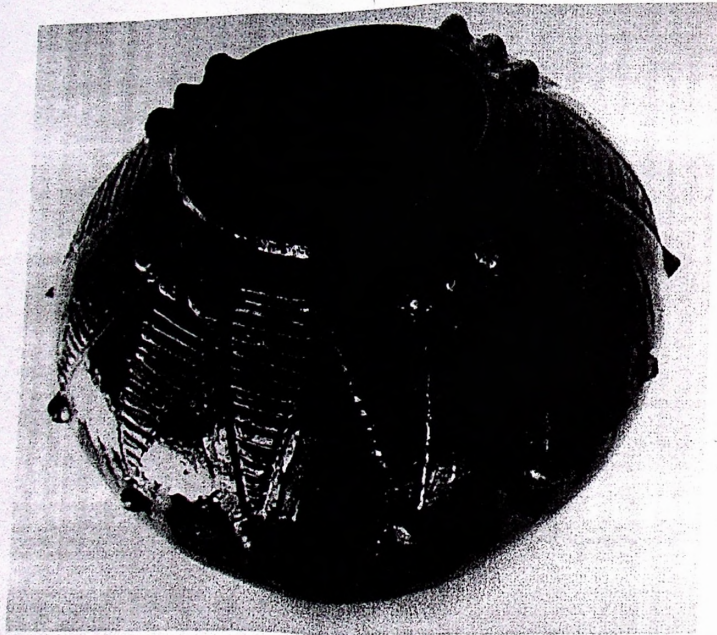
The HeLa cells were cancerous, a very virulent cancer which infected almost all other human cell cultures worldwide. This was mistaken for "spontaneous transmission", the idea that cells under culture may spontaneously develop cancer, when in fact it was actually caused by contamination by the HeLa cells which grew twice as fast as any other cell culture. Under this false conclusion scientists started to look for a cancer virus until it was discovered that all the cell cultures tested were emitting an enzyme only produced in black people, the only cell line coming from a black source was HeLa, therefore all the cell cultures had been contaminated by HeLa.

Nowadays it is believed that cancer is caused by faulty genes and may be cured by gene therapy, HeLa cells are at the forefront of this research too. The HeLa cell line was grown from the cervical/uterine cancer of a young mother, she died, but her cells live on and she now weighs more than four hundred times her body weight at death. In a way she is immortal.

I use video and photographic sources as a basis for drawings and watercolour sketches to inform my finished paintings.

Elizabeth Egbe Ewule

VAKO

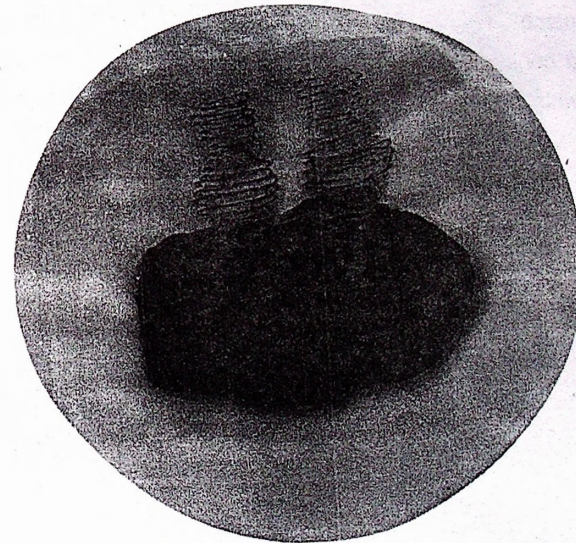


Every pot that a potter makes is given a special attention this is so because the woman sees each pot made by her as special. This pot above is special because it was given special attention and identity that was not repeated to any other pot. Given different linear, textural and traditional identity, the pot can serve both traditional use and otherwise. A pot is a woman's vessel in the home. VAKO is a small pot with dark brown glaze which give additional texture in different intensity.

This piece will act as a catalyst to many things to come and will synthesize the womanhood in Nigeria.

Adele Garkida

Metamorphosis



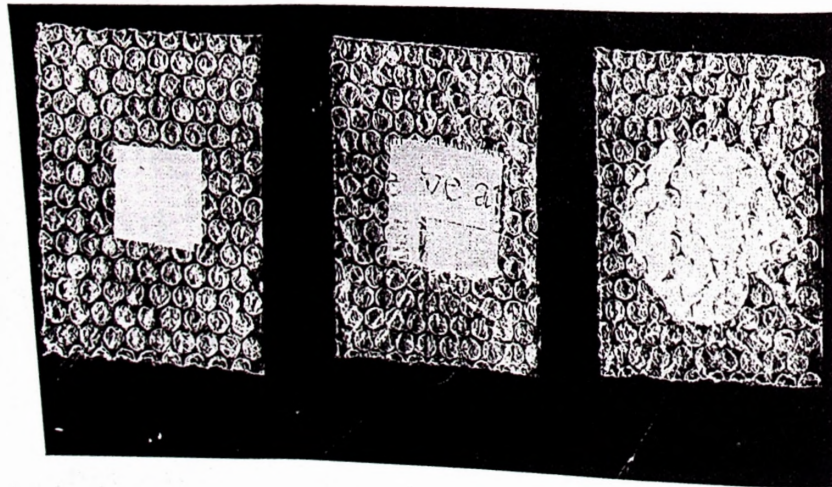
A unit cell of the human body, whose nucleus contain 46 chromosomes and each one made of a long coiled-up of DNA strand comprised of genes which are coded instructions for making the proteins needed to construct a complete human.

In Metamorphosis 2 sisters are developing from one cell, being nourished by proteins of similar ideas.

Lindsey Green

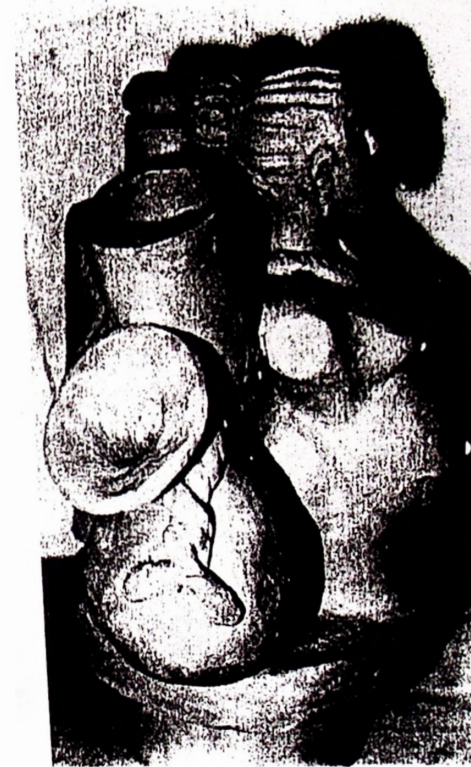
Breakthrough

This piece of work was made during my stay in Senegal, West Africa, in January, 1999. And reflected my responses to my visit there. I used whatever objects I could find, like the cover of my sketch book to form the structure of the piece. The differing lengths of fishing line represent the stages of making connections, and the plastic pouches, discarded from fragile objects, symbolise how precious the experience was for me.



Binta Hamza

Celebration



Synthesis:- Means putting together, combination of things.

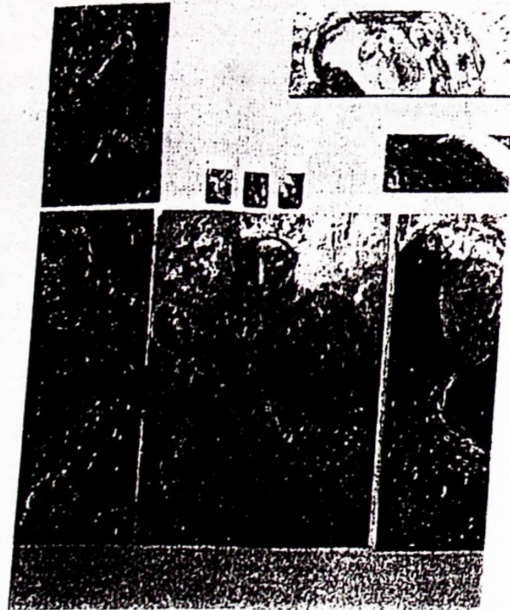
In my work I decided to put together a pregnant woman, palm wine jars and a cup. The pregnant woman tells us that a baby is on the way, which now calls for celebration.

In the eastern part of the country palm wine is mostly used for celebration.

This work tells us that a baby is coming and a celebration is on the way.

Theresiu Janicki-Hardy

The Mother of Ten Thousand Things



I have always been moved deeply by icons and their meaning and function as a doorway between the visible and the invisible. I have research into the image and meaning of icons, their history, the techniques employed in creating them and the varied forms in which they have appeared in different cultures. This inspired me to translate my own visions in an iconic way. The result is a series of paintings, including several triptychs, on solid wooden panels.

The "wall-piece" *The Mother of Ten Thousand Things* expresses my interest in the Feminine. The mother represents the earth and the universe and my Polish background connects me deeply with the iconic Madonna.

Painting on heavy wooden panels has been a very significant experience. I like the appearance of the grain of the wood in certain places and that you can sand back, scratch and work into the paint in a much freer way than on canvas. This has help me to create a deepened dialogue with the paint and the work. I feel the combination of the solidity of the wood with the etheric quality produced with the paint has helped to create the iconic quality of the work.

Nina Hartley

Synthesis ... Yoga...

Strengthens

teaches

wholeness

Calms the heartbeat,

Aligns the spine.

Corrects posture,

Develops awareness,

Overcomes fear,

Encourages balance,

Develops peace of mind,

We breath more deeply,

We unite our body, mind and spirit,

We take positive steps for healthy living.

YOGA

leads

to a

path

of self

healing

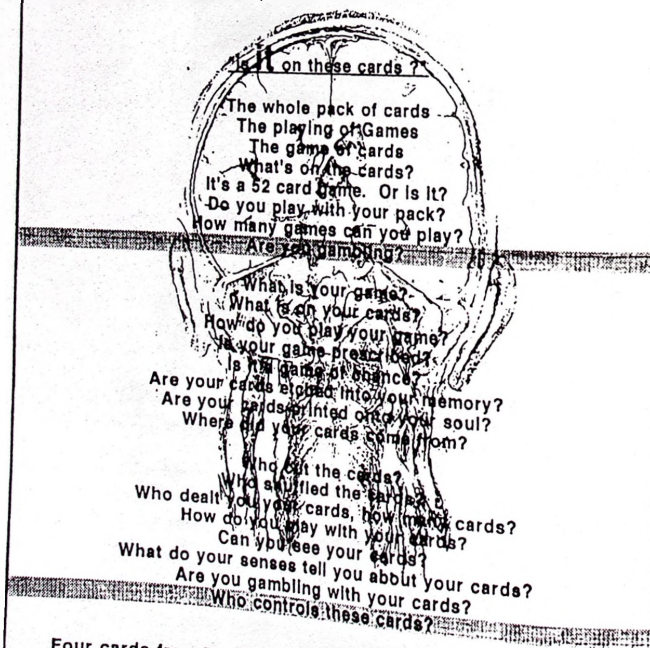


Sally Haynes

Studio 8, New Greenham Park Arts Centre, Newbury, Berks.
RG19 6HN ENGLAND

Synthesis: "A Moral Maze" A combination of elements of thought into a whole?
"The whole is still thankfully unknown."

This series of drawing are from real specimens in the care of a medical establishment. They are not manufactured in the computer, they are open to interpretation and comment.

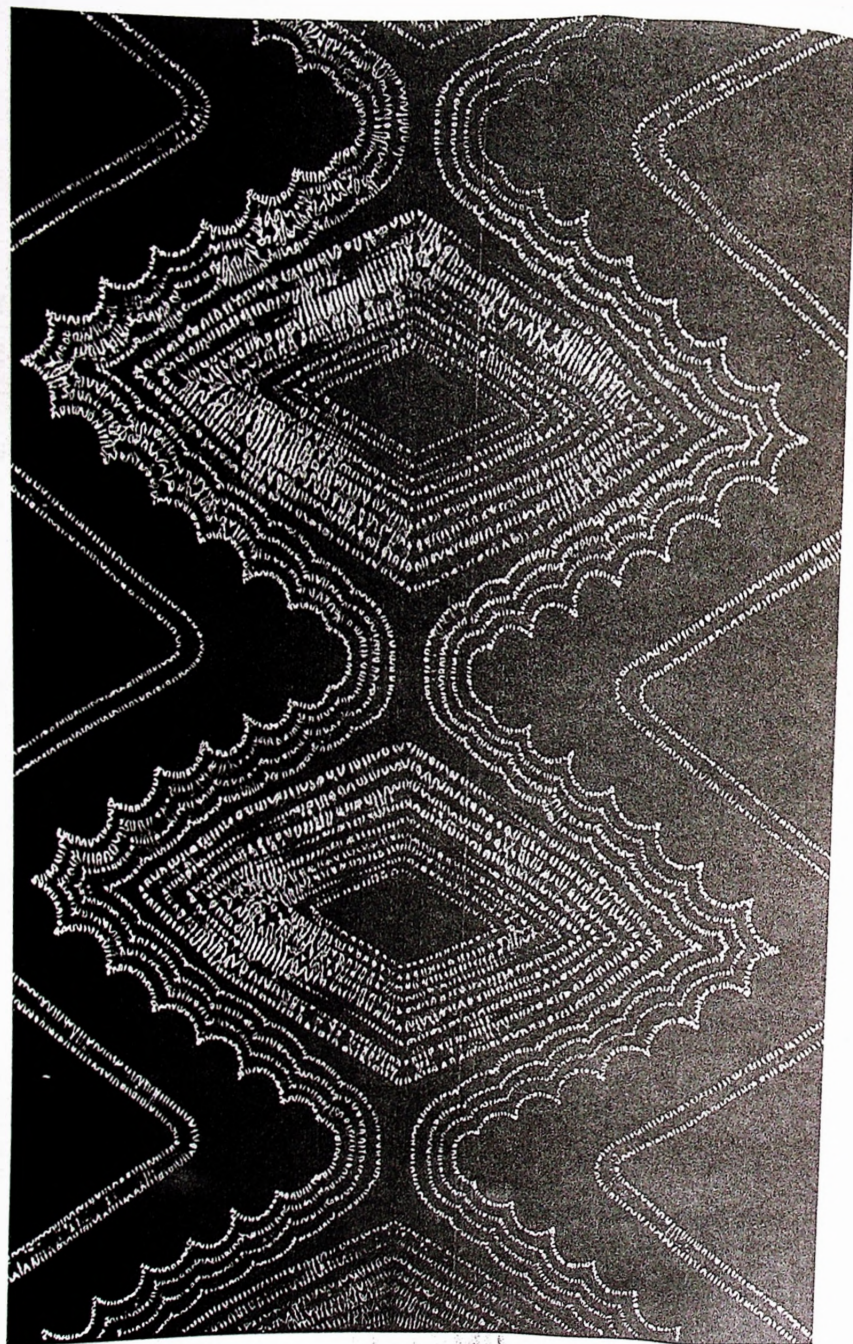


Four cards from The Pack of Society by Sally Haynes, © 1999

Hafsat Jari

Untitled





Shagba Ikondo

"Shagba Ikondo" (Prestige)

"Shagba Ikondo" was produced from synthesized views and ideas from both the science of kinetic energy and the process of resist technique in Industrial Design.

In spite of the fact that the design on the fabric is based on rigid geometric shapes, the repeats and arrangement of motif produces kinetic effect with such powerful moving force running through the full length of the cloth. The design was very carefully produced through hand sewing resist technique, by using baby wool and darning needle. Running stitches were carefully made following the shapes of the motif and were drawn or pulled very firmly and knotted.

The fabric was dyed twice. First, in purple colour, and allowed to dry after rinsing, then dyed again in a mixture of purple and navy blue colours of equal strength.

"Shagba Ikondo" is so elegant and appropriate for both furnishing and dress fabric for special and ceremonial occasions. It is designed specifically for female "bubu" dress style.

Marcia Kure



Photosynthesis

Marcia Kure

Photosynthesis

Synthesis

Photosynthesis

What do they mean

The coming together of things

The combination of things

The merging of things

The merging of the sun and chlorophyll produce seeds

Seeds are a mystery

Have you ever imagined how a seed becomes seeds

How a seed can feed a multitude synthesis

The synthesis of the sun and chlorophyll produce seeds.



Fairy Tale Forensics

FAIRY TALE FORENSICS

Here is a true story, told in a fairy-tale manner:

Once upon a time the famous physicist Albert Einstein was confronted by an overly concerned woman who sought advice on how to raise her small son to become a successful scientist. In particular she wanted to know what kinds of books she should read to her son.

"Fairy Tales", Einstein responded without hesitation.

"Fine, but what else should I read to him after that?" the mother asked.

"More fairy tales," Einstein stated.

"And after that?"

"Even more fairy tales", replied the great scientist, and he waved his pipe like a wizard pronouncing a happy end to a long adventure.

I've been investigating the history of the fairy tale for many years, and have been fascinated to discover these tales have world wide recognition as well as going way back to ancient worlds.

The scientific element is the dealing in archetypal energy, which could be metaphorically described as electricity. This electrical power can animate and enlighten, but, in the wrong place, wrong time, like any medicine, will not have the desired effect. Archetype infuses a recognisable integrity... for me this is reinforced every time I hear another version of an ancient tale.

The work sent in for this exhibition is related to the story of Rapunzel. Does anyone participating in Synthesis know this story, or the Nigerian version? It's one of the more esoteric tales, but maybe someone knows of a version of 'Cinderella', or 'Beauty and the Beast'...if so, please write to me!

Chidinma Nwankwo

"Synthesized Womb"



In this millenium, scientists have put ideas together to create another womb for foetus to put a smile on the faces of some women who cannot afford to carry babies in their womb due to one problem or the other. This is known as TEST TUBE.

Jummai M. Ogbe

The Beginning (Oil and Fulani Attire)

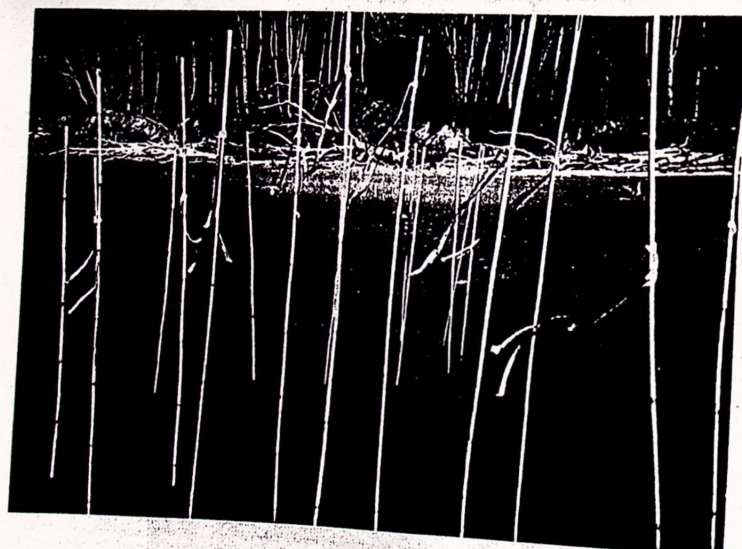


Art is life, and we all have various ways of living our lives. Generations come and go, all in a flow, a design from one generation flowing into another generation, combine to form a way of life.

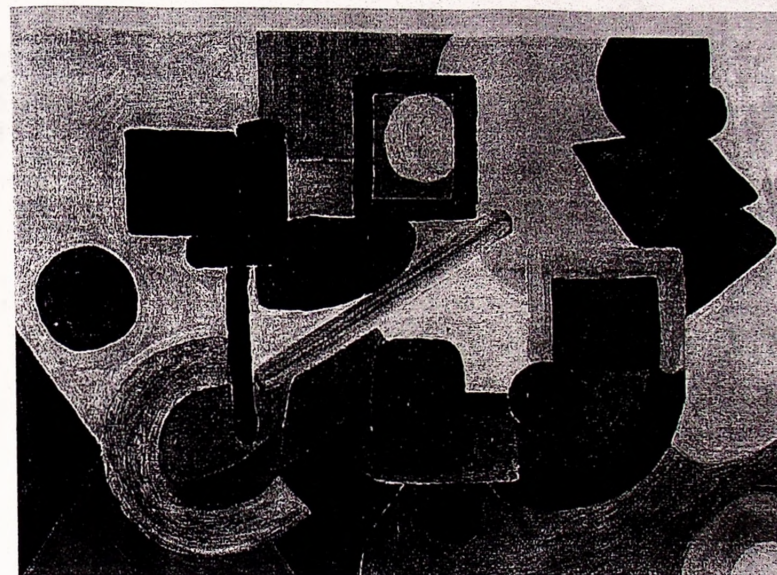
Jan O'Highway

Beach and Wind

I don't like to try to define this piece, it's essentially exploratory, a sketch or notation, may be something develops from it, may be not. It was a good afternoon on the beach, that is enough.



Renate Prowse



"Black Synthesis"

The colour *black* has been used as the common denominator to gain control over the temptation of sensational red, blue and yellow.

Forced into the straight jacket of stark building bricks, the first reading tells about taming joy by way of *routine*, the ingredient of contentment, deadly unless applied in times of crises.

The second reading surprisingly opens up the past, a *retrospective* living space, and actually, it is quite comfortable after all.

Sandra Stanton

Demeter & Persephone

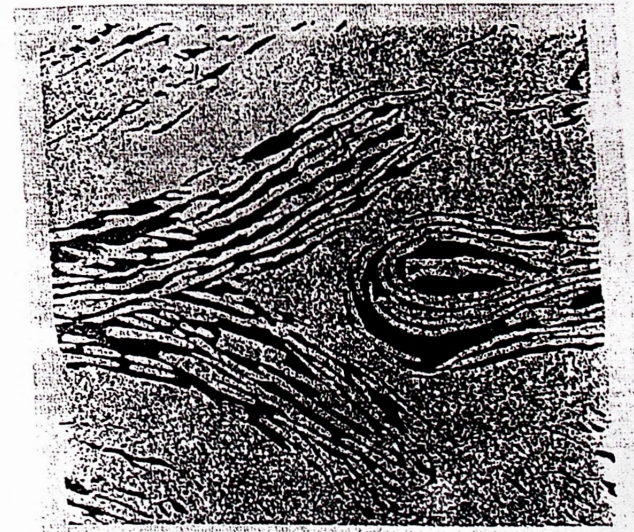
Demeter is the Goddess of the harvest, the fertile ploughed earth, the Corn Mother; Persephone, the Corn Maiden, is the seed planted underground. Together they represent a synthesis of the underground world, the realm of things to be, and the world above ground, the realm of what is. Around the 15th century BC, the Mycenaens brought Demeter from Crete to Eleusis, the place where she found her daughter and where the initiation of women into the Great Mysteries was performed. Classical Greek myth tells of Persophone having been abducted by Hades to become Queen of the underworld. Her mother, Demeter, implored the deities to let her daughter return to earth. They consented but, in the meantime, Persephone had eaten a seed from a pomegranate, forcing her to remain in the underworld. As a compromise, it was agreed that she would inhabit the earth for part of the year and the underworld during the other part, a metaphor for the growing season and non-growing season. However, long before the mythical Hades was ever conceived, in more ancient, pre-patriarchal times, Persephone was Queen of the Underworld and was another form of Hecate. Originally, the Triple Goddess was represented by Kore, the virgin; Demeter, the mother perserver; and Hecate or Persephone, the destroyer. In later years, Kore and Persephone became the same Goddess. The pomegranate was an ancient symbol of female fertility; the souls of the underworld ate pomegranates so that they could be reborn.



Lyn Stevenson

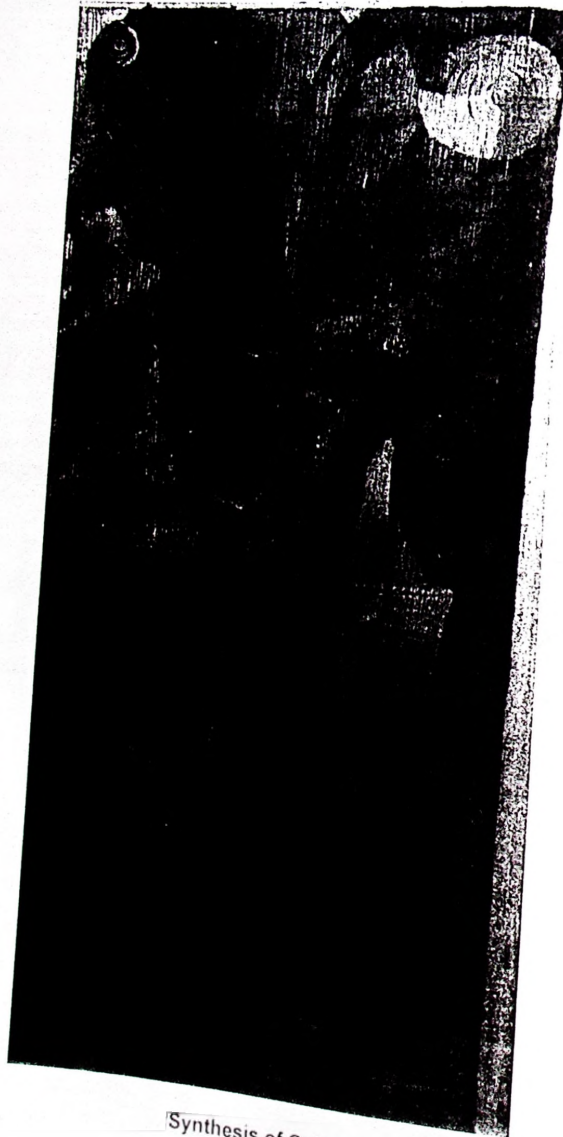
Relay

Impulse	desire ...a beat...a single blow
Propagation	increase ...multiply ...transmit
Node	a point of intersection
Synapse	relay ...junction ...enveloping connection



I am interested in junctions, connections and pathways - visual actual and conceptual. Neurones in our brain make chemical connections and transmissions enabling voluntary and involuntary actions to take place.

These prints show my ideas about the involuntary action - blinking



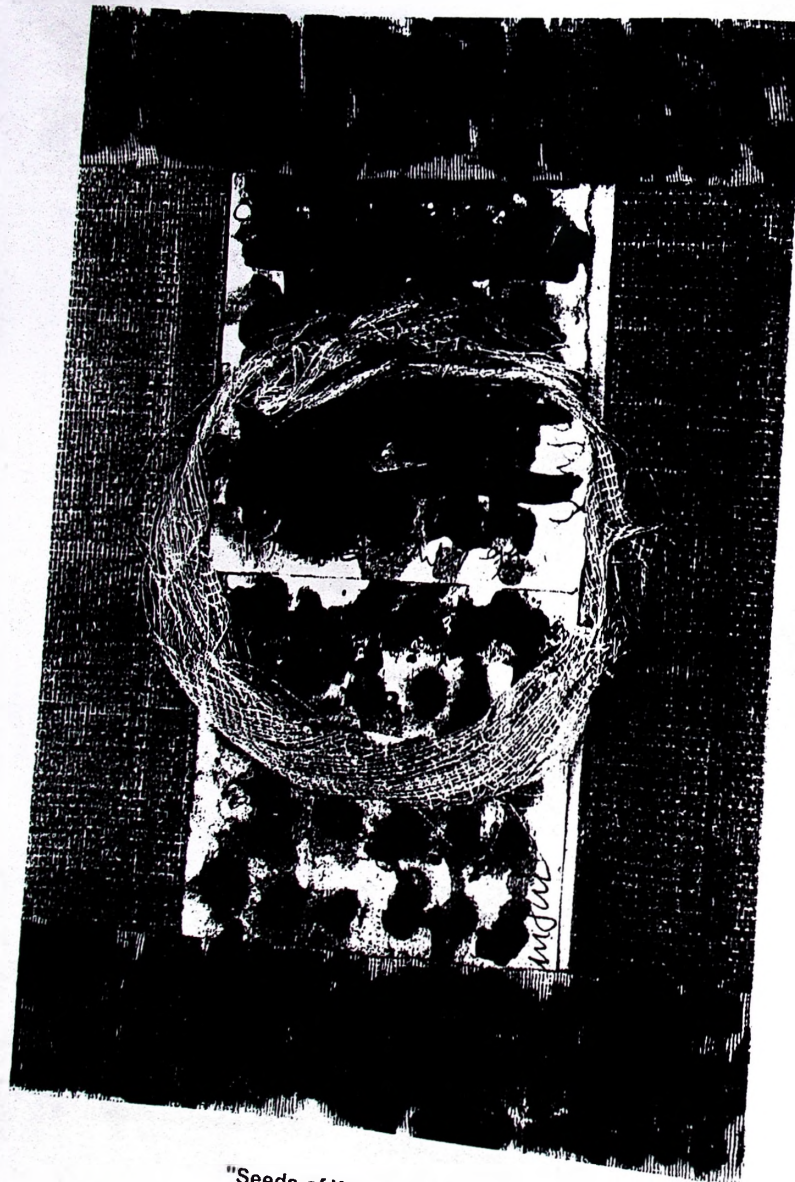
Synthesis of Culture

Synthesis of Culture

Our culture is deteriorating,
we have to synthesize our cultural heritage
by putting together a collection of ideas
from our different cultural backgrounds
to revive our cultural image.

For the things we never do before,
only to wake up suddenly
and find ourselves in a different world.

Where has our originality hidden,
it has been scratched.



"Seeds of Wisdom" ... FUNI

Drawing for Series "SEEDS OF WISDOM"

F U N I

. . . the seeds of wisdom tell the story
tell the parable tell the tale . . .
they tell the Truth . . .

Synthesis:

- 1) making a whole out of parts
- 2) combination of separate elements

Funi:

- 1) not two but two:two but not two
- 2) oneness of body & mind: oneness of self & environment

Punica Granatum:

- 1) small tree/bush which bears fruits with hard leathery reddish-yellow skins with granular bright pink flesh and many seeds inside
- 2) in many cultures it is a symbol of creativity & fertility
- 3) edible: deliciously sweet and juicy - both flesh and seeds can be eaten - do not eat the bitter skin
- 4) for dyeing purposes: use the whole fruit fresh or dried - first it must be crushed and steeped to release the pigment - yields ochre-yellows and greens - no mordant needed as the tannin in the skin aids colour absorption and colour-fastness

Life, itself, is a synthesis of parts . . .
each element with its own unique
characteristics, qualities, contributions,
. . . endless possibilities, endless
combinations . . . coming together
to create . . .

