

Interaction Art News

The quarterly news that melds art and science with pollinator conservation

Interaction Art, Inc. Debra Jane Carey, President

Exhibit Runs December 1, 2006 to January 6, 2007

The Village of The Arts in Bradenton Florida will host the third annual Blue Briny: Mermaids and More. A juried exhibit of all things found in the sea.

Creative juices flowed while Debra formulated the new art for this exhibit using specimens she has longed to transcend through research from hand onto paper.

The media used is color pencil on drafting velum (mylar®) that brings translucency to the drawing. Each piece is finished with framing chosen specifically to enhance the image.

Among the scientific illustration Debra will offer in this exhibit is an exciting fictional character of a merman. A combination of economic seaweeds and conch shell incorporated into a classic mythical part fish-part man.

Evolved for water life *Enan the Merman* vision is assisted through the eyes of two fish that hover as eyebrows. Inspiration for this work came from two historical mermen. The Sumerian mythological merman Enki was the deity of crafts, water, intelligence and creation depicted by the fish-like legs. While the Greek god Triton, messenger of



Color pencil of *Enan the Merman*
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the deep is celebrated by the conch shell and trident tail.

See Debra's sea creatures at Kaos Gallery South 1122 12th Street West Bradenton. Open every Friday and Saturday 11-4. For directions or a village Art walk Guide call 941-746-8625.

Show Checklist

- Enter show wait for acceptance
- Decide what to create
- Research to compose the design
- Create the composition
- Photograph the piece
- Frame the piece
- Alert people to attend
- Show the piece

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Interaction Art, Inc. booth at Biltmore Hotel for ASID ninth annual conference

Interaction Art, Inc. Joins ASID



Daily we can find the use of illustration around us. Furniture and home decorating ads show botanical and animal illustrations regularly. Illustrations like Debra creates are found in hotel and interior design.

As an industry partner, Certified Botanical Artist Debra Jane Carey, joined the American Society of Interior Designers (ASID) to increase awareness and reach of her art to the interior design industry.

To further that awareness Interaction Art is advertising in *Professional designer* and displaying at ASID product expos like the one held in September at the Biltmore Hotel in Coral Gables, Florida.

The Biltmore is a turn of the century icon surely to have inspired all attendees.

Interaction Art uses the Giclée process.

“The typical Giclée is a limited edition run signed and numbered by the artist that increase in market value .”

On the Pallet: Giclée Process

Artist's use reproduction methods to educate advertise and decorate to mass audiences. An original artwork is cherished by collectors. To make an image available to mass audiences various print techniques are available. *Prints* may refer to all printing techniques including inkjet and laser.

- Lithograph evolved from an eighteenth century technique. The image is applied on stone using a greased crayon to create the relief. The artist works closely with the printing firm to design the composition and color separated plates. The different techniques can produce an inexpensive poster or expensive limited edition. Ink and paper quality may not be archival.
- Serigraph or Silk Screen process uses a stencil suspended to the bottom of a screen. The print is generated by separate stencils for each color. The artist's original is created for the process to produce high quality open edition prints.
- Giclée means “to spray”. Prints are digitally scanned or photographed in high resolution. The typical giclée is a limited edition run signed and numbered by the artist that increase in market value. The artist works closely with technician to accurately match the original artwork. Current technology available has advanced this technique with inks and paper of archival quality.

“The insect has waspish features and bee characteristics.”

Source: BBC News 2006 Bee fossil, DNA generate a buzz.

Co-Evolution: 100 Million Year Old Bee Discovered

A tree sap (amber resin) specimen, from a mine in the Hukawng Valley of northern Burma, aids in the link to support bee evolution. Experts believe pollen-dependent bees arose from meat-eating wasp ancestors.

The insect has waspish features and bee characteristics. Fossil evidence shows that conifer plants living 100 mya were wind pollinated. The presence of bees gathering pollen to feed young shows the period in which the shift began toward co-evolution of flowering plants and pollinators.

100 mya was the Cretaceous period. It is believed the time when the Eurasia continent was formed.

Land masses collided then, separated to form mountain ranges. Wind formed seasonal patterns. Small flowered angiosperms (flowering plants) began to appear.

Plant resins were originally produced to deter insects and rapidly seal wounds in the plant. Resin also became a nest ingredient for bees.

The shift from predator/parasite protection to reward attraction is important in the understanding of plant-animal interactions.

This find helps to show where two types of insects separate on their evolutionary paths.

Economic Plant and Pollinator Series: Vanilla Pollination



Vanilla is most famous as a flavoring and fragrance. The extract is obtained from the one species of Orchid humans utilize. An expensive crop to produce, vanilla is extensively cultivated out of its native West Indies habitat. Introduction of bee pollinators into crop fields fails because the bee is unable to sustain itself on other food sources. Humans instead hand pollinate each bloom.

The cluster of blooms of up to 20 flowers open in succession each lasting for one day. The vanilla flower has a fragrance that attracts certain male tropical bees. These bees harvest plant fluids that are stored in the hind tibia. The fluid is then absorbed into the bees' system generating pheromones to attract the opposite sex.

mones to attract the opposite sex.

Vanilla capsules do not produce the beloved fragrance or flavor until cured. Harvesting and curing of the fruiting capsule continues over a six month period. Researchers witnessed a bee tearing open ripened vanilla capsules to harvest the contents. Is research unfolding more importance between this orchid and bee pollinator?

Interested in pollination services that bring food to our table? Visit www.interactionart.com or other organizations involved in pollinator awareness like The North American Pollinator Protection Campaign nappc.org and U.S. Fish and wildlife service www.fws.gov.

Women in Art History Series: Empress Josephine

From her tropical beginnings to Empress of France *Josephine Marie Joséphe Rose Tascher de la Pagerie* 1763–1814 rose to the pinnacle of power while maintaining her heritage. Her passion allows other women to enjoy the simplicity of a rose today.

Joséphine was born to a plantation monarch of Creole heritage on the island of Martinique, West Indies. Nicknamed *Rose* she left her life on the plantation at age sixteen to marry a Parisian. This move would lead her to the forefront of all major world events of the time. Imagine *Rose's* Caribbean mannerisms received by Europeans of the day. Joséphine bore two children from this marriage. During the French revolution she entrusted her children while both were imprisoned. Her husband met the guillotine before her release.

Napoleon Bonaparte fell deeply in love with Joséphine. In 1804 they were crowned Emperor and Empress of the Frenchmen in the Notre-Dame cathedral. Unable to bear a son the marriage was annulled shortly after. Bonaparte sent her to live at the *Château de Malmaison*, near Paris. Her love of flowers would again instill her life by transforming Malmaison with gardens, forests and greenhouses. The tea rose, which is in the parentage of most modern roses, was developed at Malmaison. Joséphine commissioned the foremost plant illustrator of the day and librarian of the Pantheon in Paris then, arranged for a number of engravers to produce colored stipple engravings with narrative. The result was three books: *Les lillies*, *Les Roses* and *The Gardens of Malmaison* between 1803 and 1814 when she died of a sickness.



Graphite image of *Rosa 'Julia Child'* on an 8 x 8" plaque.

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Tools: One Step Closer to E-Commerce

The website www.interactionart.com has taken another step toward e-commerce this summer. In addition to viewing the portfolio of over seventy images and learning of Debra's craft you can order images using Visa or MasterCard.

We are happy to announce your request for boxed sets of large cards is now available. Other tools available for selecting art include.

- Price-Guide will be your most up-to-date tool. Look for the PDF file online.

- Power Point presentation available for group talks.
- Portfolio CD. Need to show clients the images available? Request a Portfolio CD that makes the image selection portable.
- Continue to receive this quarterly news letter via e-mail. If you receive this publication by mail and would like to help us reduce costs email debra@interactionart.com and write "add to e-newsletter" in subject line.

"Contact to receive the quarterly newsletter via e-mail"

Partners: Posters Take First Place for Education

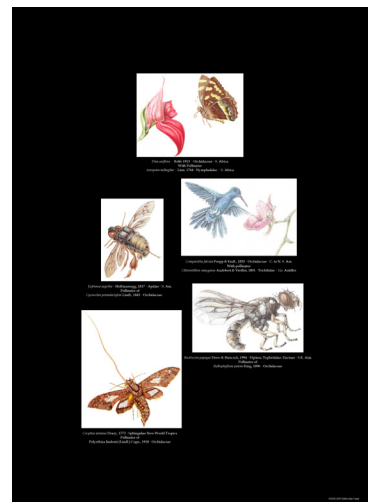
The American Orchid Society (AOS) has provided global leadership in orchids for eighty years. The organization brings together orchid enthusiasts with scientific experts.

One of Marie Selby Botanical Gardens horticulture efforts takes them to a number of AOS gatherings for an opportunity to publicly display orchids while bringing awareness to conservation.

This year Debra had the opportunity to create art for three posters depicting orchid-pollinator diversity. She is proud to announce the collaboration

awarded Selby first place for education at the Miami exhibit.

One of three posters supporting orchid-pollinator diversity. The poster depicts butterfly, bee, hummingbird, moth and fly pollinators of orchids around the world.





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Original, Reproduction and Custom Art

Plant-animal interactions utilizing pre-20th century techniques interactionart.com

Public Display: Kaos Gallery, Ezra Café and Auction

- Debra's artwork is available for sale at Kaos Gallery South. Select from framed originals and reproductions, matted prints, pillows, cards and magnets. Her award winning images are offered for any budget. Debra is at the gallery every Friday 11-4 and for the Art walk weekends hosted by the village.

Kaos owner's and artist's in residence are award winning Portrait artist Miki Boni and sculpture artist Tom Paulsin. The gallery was recently featured on HGTV's *What's With That House* in addition to being one of the first galleries to open in the Village of the Arts six years ago.

With the villages sixth year fast approaching eight new galleries opened in October bringing the total number of renovated bungalow houses to thirty six. Visitors can shop for art, furniture, books, plants, clothing and even food.

Debra's community efforts in the village have brought her two years of opportunities including the 2006 Gecko fest. For three months area art-

ists decorated downtown Bradenton with creative fiberglass geckos. Credited with being the largest community fundraiser in Bradenton's history.

Kaos Gallery South hours:

Friday and Saturday 11-4 in addition the first Friday of the month 6-9 pm.

1122 12th Street West Bradenton, Florida. For directions call 941-747-0823.

- An original watercolor is available for purchase while dining at Ezra Café 5629 Manatee Avenue West. *Epidendrum radicans* is an orchid that does not offer a reward (mimicry complex) yet benefits from two unrelated plants living nearby that do reward pollinators.
- Donation to the Ladies day out Auction Event helped to raise \$5000.00 in funds going toward operations of Manatee Players Riverfront Theatre in Bradenton, Florida.



Epidendrum radicans ... *Asclepias tuberosa* ...
Salvia nemorosa ... *Heliconia* ...

Watercolor of *Epidendrum radicans* with pollinator and mimicry associates

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