

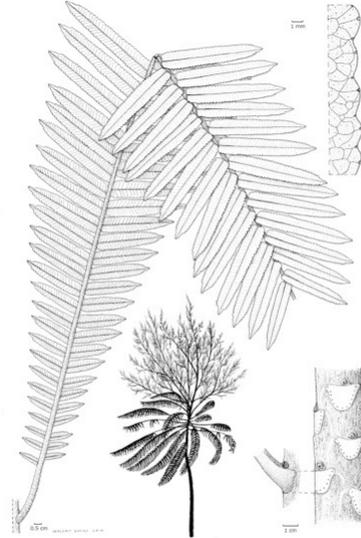
American Society of Botanical Artists  
19<sup>th</sup> Annual Meeting and Conference  
Pittsburgh, 2013

Scientific Illustration – Pen and Ink  
**Anita Walsmit Sachs**

Friday, September 27  
9:00 am – 4:00 pm  
Pittsburgh Athletic Association, Library

Learn the steps of making an accurate scientific illustration using natural plant material. First observing carefully to understand the plants structure, and then drawing and inking. Attention will be given to making an aesthetically pleasing and readable composition.

Rutaceae - *Spathelia sorbifolia*



#### Supply List:

##### PENCILS

Pencils HB, H2 OR Mechanical no 0,5  
Pencil Sharpener and Eraser

##### PAPER

Paper size about 14X17, Strathmore 500 Series, Plate Surface (Anita uses Schoellershammer G4)  
Paper for pencil drawing  
Tracing paper good quality

##### PENS or MARKERS

Rotring Rapidograph Pens no 18,25,35, Ink cartridge or STAEDLER pigment liner 0.1, 0.3, 0.05

##### DISSECTING INSTRUMENTS

Dissecting needs – straight and angled, one each  
Fine Tweezer

##### OTHER

Proportional divider (optional)  
Transparent ruler – cm plus  
Hand-lens or magnifier  
Battery operated lamp

##### BOOKS TO STUDY

*How to Draw Plants* by Keith West, ISBN 780881923506

*Common Families of Flowering Plants* by Michael Hickey and Clive King, ISBN0 521 57281 9

*The Cambridge Illustrated Glossary of Botanical Terms* by Michael Hickey and Clive King, ISBN 0 521 79401 3

#### BIO:

Anita, worked as scientific illustrator at the National Herbarium Nederland, University of Leiden, till her recent retirement. She teaches botanical scientific illustration and botanical watercolor. Her work is held in many collections including the Hunt Institute. In 2006 she founded the Dutch Society of Botanical Artists.