

**THE NEW YORK FLORA ASSOCIATION (IN CONJUNCTION WITH THE BAILEY  
HORTORIUM) PRESENTS A**  
**CRATAEGUS – HAWTHORN**  
**WORKSHOP WITH ARTHUR HAINES**

Who: Arthur Haines is a plant biologist specializing in the taxonomy and identification of New England tracheophytes. He is currently employed by the New England Wild Flower Society as a research botanist and is involved in writing a new tracheophyte flora of New England. His extensive publications include *The Flora of Maine* and papers on a wide diversity of often “challenging” taxa from *Lycopodiella* to *Viola* to *Salix* to *Eupatorium* to *Bidens* to *Eleocharis* to *Poa* to *Chenopodium* and more! In addition, Arthur is a regional reviewer for the North American Flora project and director of the Delta Institute of Natural History in Maine. Lately much of his focus has been on hawthorns and he is preparing a revised treatment for New England.

Besides from being a highly recognized and astute botanist he is a skilled and approachable teacher. He has the ability to make difficult taxonomic groups feel at least somewhat manageable if not downright easy. His work and insights although grounded in past work are highly original and attempt to correct past mistakes. In addition to plant taxonomy, Arthur has also become highly proficient in “primitive skills”.

What: This will be an advanced intensive weekend studying *Crataegus* of the central NY region. The weekend will consist of presentations, indoor study of specimens, and plenty of field work. Participants will learn the characters useful to identifying and distinguishing between the numerous species of *Crataegus* that occur in central New York. There will also be time to work on specimens that participants bring to study.

Most of the confusion with *Crataegus* has been borne in the lab and not in the field (i.e. name proliferation and poor description of morphological characters) making this group inapproachable to most people. Hawthorn researchers have often used relative statements in keys, even when the features they were discussing could be objectively quantified. Using close-up photography and clear wording, Arthur will try to help participants understand these features making it much easier to learn the species and groups within the genus.

When: Friday May 29<sup>th</sup> 7PM to Sunday May 31<sup>st</sup> 12 Noon, 2009.

Where: Ithaca, New York. We will be based out of the Bailey Hortorium at Cornell University and will spend time both indoors and in the field in the Ithaca area.

Cost: Cost includes the entire weekend program and a group dinner at a local restaurant Saturday evening. Other meals and housing are the obligation of the participants. Total cost is \$95 for NYFA member or \$120 for non-NYFA members. Participants are encouraged to become NYFA members (\$20 membership/year).

What to bring: a 10x hand lens is a must, field journal, appropriate clothing to be outside most of the day, *Crataegus* specimens, and bag lunches for Saturday (this can be purchased locally, in the morning).

Registration: Participation is limited to only 10 so please sign up early to assure a slot. To register please send a check made out to the New York Flora Association for the full amount to the New York Flora Association / 3140 CEC / Albany, NY 12230 or if you would like to pay by credit card please request a credit card form from David Werier (see contact information below).

In addition please send an email to David Werier (Nakita@lightlink.com) letting him know you have sent in your registration.

Questions: Please contact David Werier / 607-273-1765 / Nakita@lightlink.com / 30 Banks Rd. / Brooktondale, NY 14817.