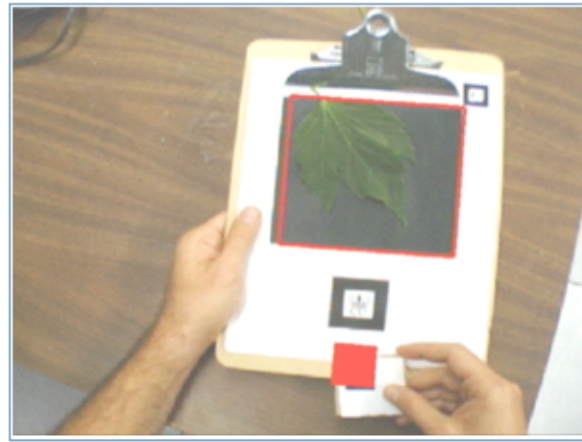


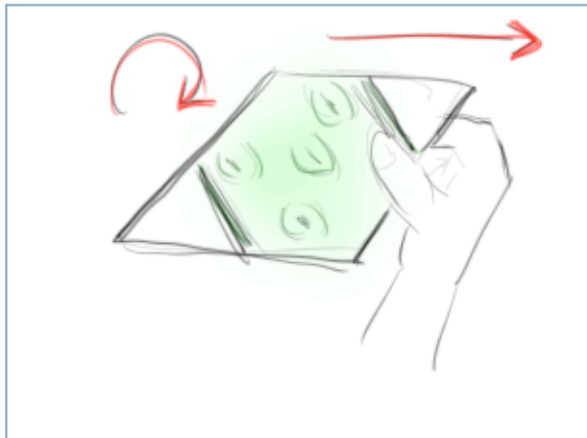
ISMAR attendee puts on head-worn display and system



A leaf is selected from table and placed on clipboard. Image is acquired by system.



Results from automatic search are displayed. Card morphs into leaf.



Gestures and movement through spatial zones change semantics of representation.



Leaf, plant, and other aspects of species are inspected and compared for identification.

Storyboard for  
Augmented Reality User Interfaces  
to an Electronic Field Guide  
Sean M. White  
Steven Feiner  
Columbia University

Images above are frames captured from video of working prototype system.