

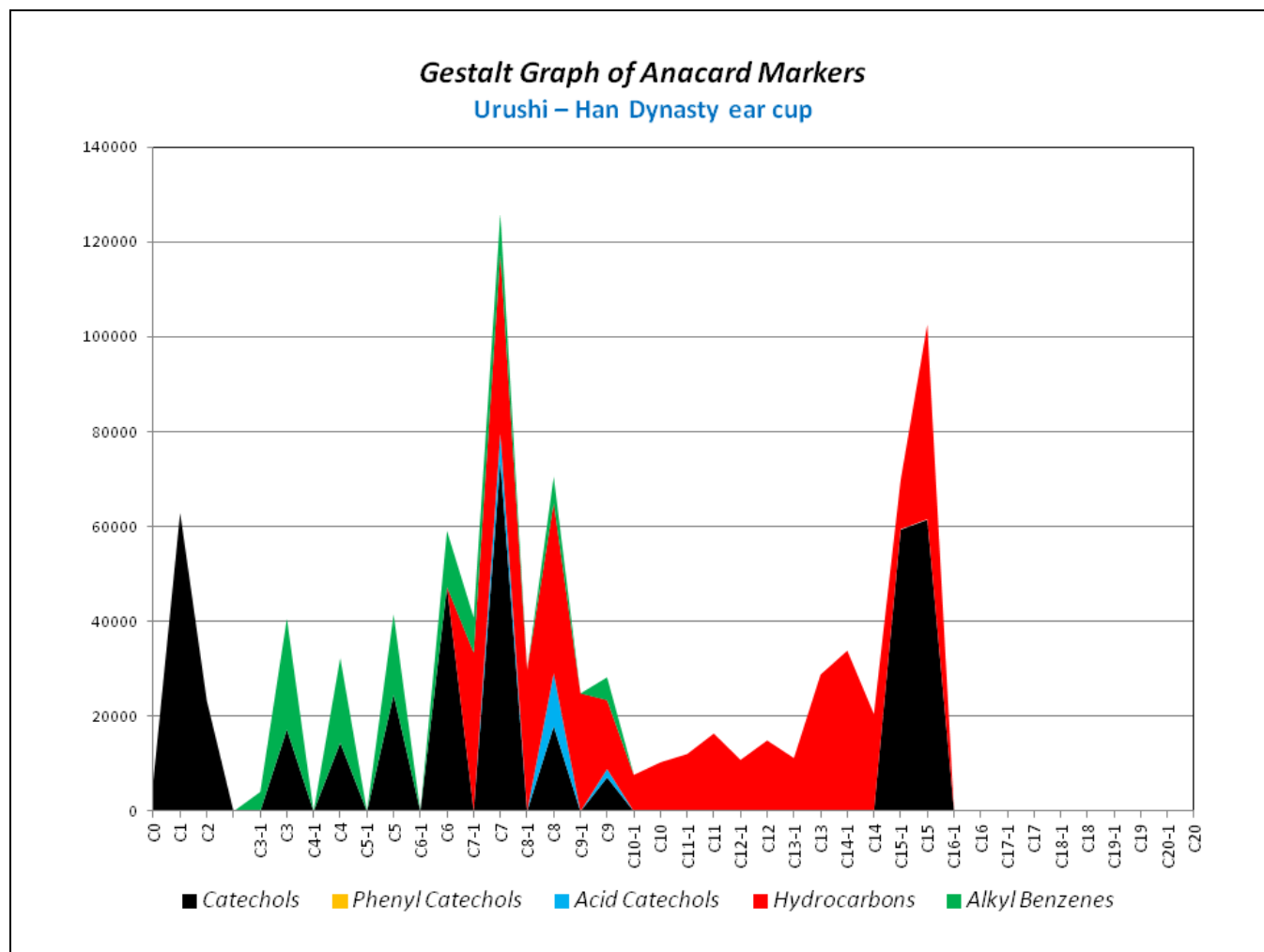
Recent Advances in Characterizing Asian Lacquer

Center for Conservation and Preservation, Yale University, July 15 – 19, 2013

TECHNICAL NOTE

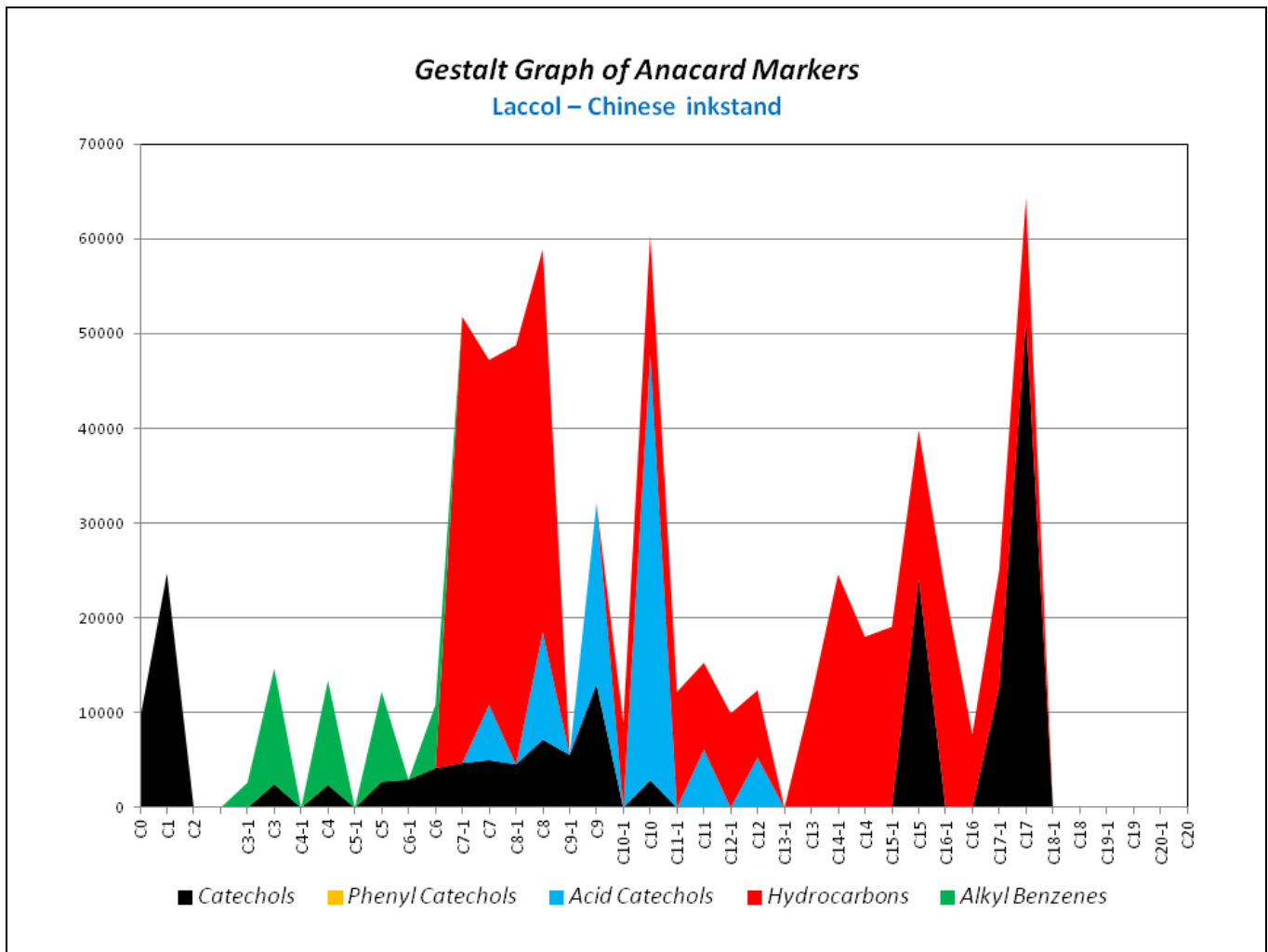
TITLE: Interpreting Gestalt Graphs of Anacard Marker Compounds

INSTRUCTOR: Michael Schilling

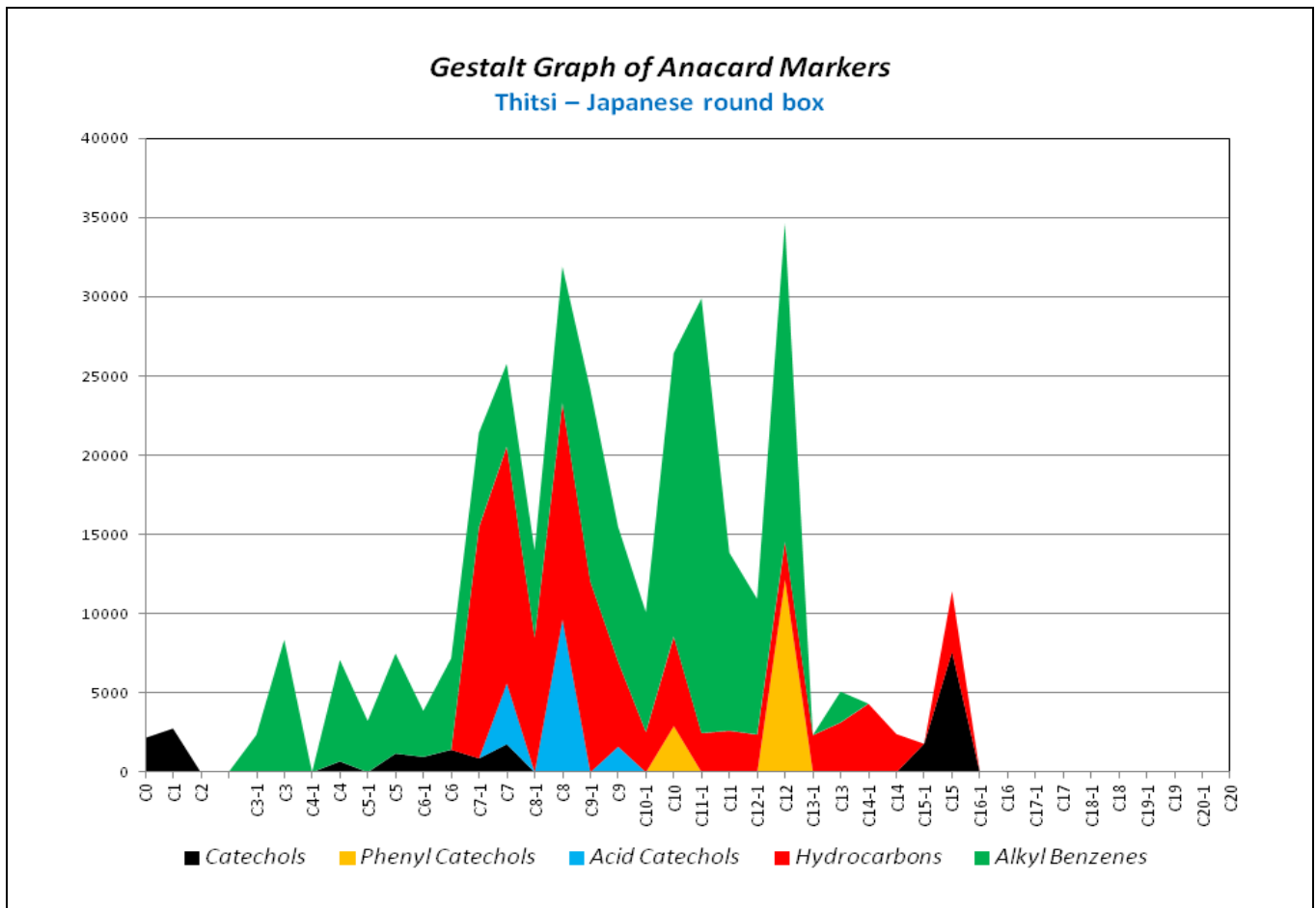


Characteristics of urushiol: Maximum at C₁₅ for catechols and hydrocarbons, maximum at C₈ for acid catechols, low levels of alkyl benzenes from C₃ to C₁₀, no phenyl catechols present.





Characteristics of laccol: Maximum at C₁₇ for catechols and hydrocarbons, maximum at C₁₀ for acid catechols, low levels of alkyl benzenes from C₃ to C₇, no phenyl catechols present.



Characteristics of thitsiol: Maximum at C₁₅ for catechols and hydrocarbons, maximum at C₈ for acid catechols, high levels of alkyl benzenes from C₃ to C₁₂, peaks at C₁₀ and C₁₂ for phenyl catechols.

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