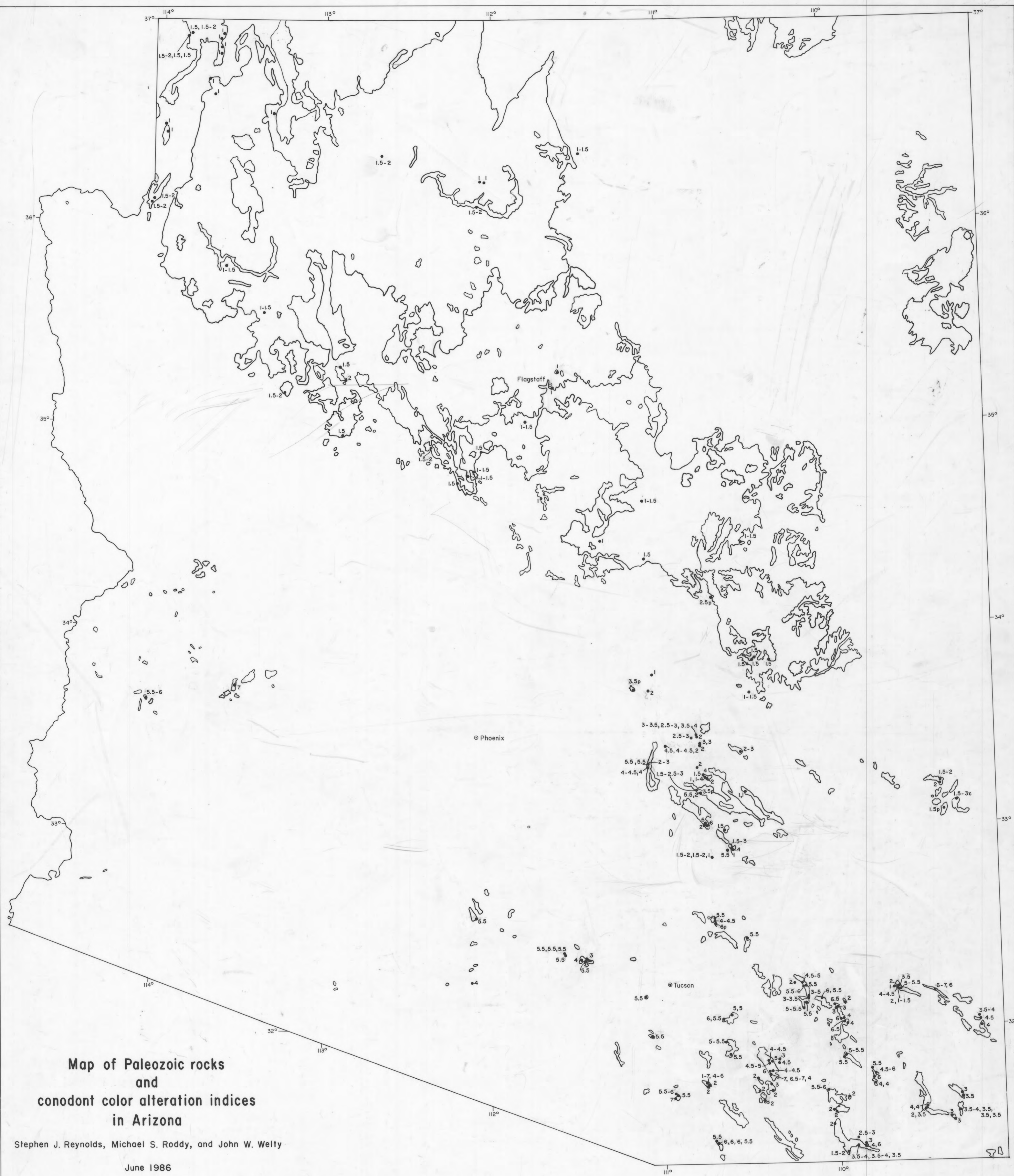


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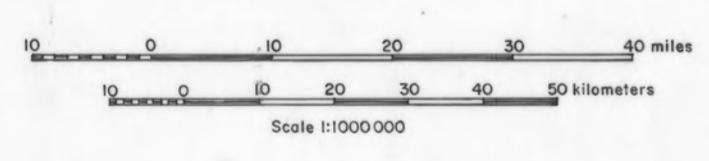
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**Map of Paleozoic rocks
and
conodont color alteration indices
in Arizona**

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Note: Paleozoic outcrops shown on this map are taken from the Map of Outcrops of Paleozoic and Mesozoic Rocks in Arizona (Arizona Bureau of Mines, 1962). The outlines of some outcrops have been modified and additional outcrops have been added based on more recent geologic mapping, especially in west-central Arizona. Conodont color alteration indices (CAI) are largely from the extensive study of Wardlaw and others (1983) and are discussed by Wardlaw and Harris (1984). Additional CAI values are from the following sources: (1) Purves (1978) for Mississippian rocks (indicated by a 'p' after the CAI value); (2) Carroll (1977) for one determination in the Morenci area (indicated by a 'c' after the CAI value); and (3) B. Wardlaw (1986, personal communication to H. W. Peirce) for one determination. All CAI values plotted on this map are included in a computerized database, which is available upon request. This compilation of CAI values is not comprehensive, and we appreciate being informed about additional published or unpublished CAI values.

References Cited

Carroll, B. J., 1977, The stratigraphy and conodont biostratigraphy of the Montoya Group (Middle-Upper Ordovician) in southeastern Arizona: Tucson, University of Arizona, M.S. Thesis, 68 p.

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