

## Grand Canyon Symposium, June, 2000 - Geochronology Database References

Banks, N.G., Cornwall, H.R., Silberman, M.L., Creasey, S.C., and Marvin, R.F., 1972, Chronology of Intrusion and ore deposition at Ray, Arizona, Part I, K-Ar ages: *Economic Geol.*, v.67, p. 864-878.

Dallegge, T.A., 1999, Correlation and Chronology of the Miocene-Pliocene Bidahochi Formation, Navajo and Hopi Nations, Northeastern Arizona: Flagstaff, Northern Arizona University, Masters Thesis, 304 p.

Dallegge, T.A., Ort, M.H., McIntosh, W.C., 1998, Correlation and Chronology of the Lower Units on the Mio-Pliocene Bidahochi Formation, Navajo and Hopi Nations, Northeastern, Arizona; *Geological Society of America, Abstracts with Programs, Rocky Mountain Section Meeting*, v. 30, no. 6, p. 7.

Damon, P.E., 1964, Correlation and Chronology of Ore Deposits and Volcanic Rocks, Annual Progress Report to U.S. Atomic Energy Commission, Report No., C00-689-42, Geochronology Laboratories Univ. of Arizona, Tucson, p. 19-20.

Damon, P.E., Shafiqullah, M., Harris, R.C., and Spencer, J.E., 1996, Compilation of Unpublished Arizona K-Ar Dates from the University of Arizona Laboratory of Isotope Geochemistry, 1971-1991: Arizona Geological Survey, Open-File Report 96-18, 53 p.

Fenton, C.R., 1998, Cosmogenic <sup>3</sup>-Helium Dating of Lava Dam Outburst Floods in Western Grand Canyon, Arizona: Provo, Utah, University of Utah, unpublished Masters Thesis, 76 p.

Fuis, G., 1974, Geology and Mechanics of Formation of the Fort Rock Dome, Yavapai Co., AZ: PhD Thesis, Cal. Tech., 279 p., maps.

Hamblin, W.K., 1994, Late Cenozoic Lava Dams in the Western Grand Canyon: *Geological Society of America, Memoir 183*, p. 331-376.

Koons, E.D., 1948, *Geology of the Eastern Hualapai Reservation: Plateau*, v. 20, p. 53-60.

Kreiger, M. H., Johnson, M.G., and Bigsby, P.R., 1979, Mineral Resources of the Aravaipa Canyon Instant Study Area, Pinal and Graham Counties, Arizona, U.S.G.S. Open File Rept. 79-291, 27p.

Lucchitta, Ivo, Curtis, G.H., Davis, M.E., Davis, S.W., and Turrin, Brent, 2000, Cyclic Aggradation and Downcutting, Fluvial Response to Volcanic Activity, and Calibration of Soil-Carbonate Stages in the Western Grand Canyon, Arizona: *Quaternary Research*, v. 53, p. 23-33.

Nielson, J.E., Lux, D.R., Dalrymple, G.B., and Glazner, A.F., 1990, Age of the Peach Springs Tuff, Southeastern California and Western Arizona: *Journal of Geophysical Research*, v. 95, no. B1, p. 571-580.

Peirce, H.W., Damon, P.E., and Shafiqullah, M., 1979, An Oligocene(?) Colorado Plateau edge in Arizona: *Tectonophysics*, v. 61, p. 1-24.

Potochnik, A., 1989, Depositional Style and tectonic implications of the Mogollon Rim Formation (Eocene), East Central Arizona: *N.M. Geological Society Guidebook, 40<sup>th</sup> Field Conference, SE Colorado Plateau*, p. 107-118.

Potochnik, A., and Faulds, J.E., 1998, A tale of two rivers: Mid Tertiary structural inversion and drainage reversal across the southern boundary of the Colorado Plateau: In: *Geologic Excursions in Northern and Central Arizona* (E.M. Duebendorfer, ed.), Field Trip Guidebook for Geol. Soc. Amer., Rocky Mt. Section Meeting, Flagstaff, AZ, p. 149-174.

Reynolds, S.J., Florence, F.P., Welty, J.W., Roddy, M.S., Currier, D.A., Anderson, A.V., and Keith, S.B., 1986, *Compilation of Radiometric Age Determinations in Arizona*: Arizona Bureau of Geology and Mineral Technology, Geological Survey Branch, Bulletin 197, 252 p.

Spencer, J.E., Richard, S.M., and Pearthree, P.A., 1996, *Geologic Map of Mesa 30' x 60' quadrangle, east-central Arizona*: Ariz. Geol. Survey Open-File Rept. 96-23, Scale 1:100,000.

Spencer, J.E., Peters, Lisa, McIntosh, W.C., Patchett, P.J., 1998, 6 Ma  $^{40}\text{Ar}/^{39}\text{Ar}$  Dates from the Hualapai Limestone and Implications for the Age of the Bouse Formation and Colorado River: *Geological Society of America, Abstracts with Programs, Rocky Mountain Section*, v. 30, no. 6, p. 37.

Vazquez, J.A., 1998, *Maar Volcanism in the Wood Chop Mesa Area, Hopi Buttes Volcanic Field, Navajo Nation, Arizona*: Flagstaff, Northern Arizona University, Masters Thesis, 210 p.

Wenrich, K.J., Billingsley, G.H., and Blackerby, B.A., 1995, Spatial Migration and Compositional Changes of Miocene-Quaternary Magmatism in the Western Grand Canyon: *Journal of Geophysical Research*, v. 100, no. B7, p. 10,417-10,444.

Young, R.A., 1989, Paleogene-Neogene Deposits of Western Grand Canyon, Arizona: In: *Geology of Grand Canyon, Northern Arizona*: Eds. D.P. Elston, G.H. Billingsley, and R.A. Young, 28th International Geological Congress, Guidebook T115/315, American Geophysical Union, Washington, DC, p. 166-173.

Young, R.A., 1979, Laramide Deformation, Erosion, and Plutonism along the SW margin of the Colorado Plateau: *Tectonophysics*, v. 61, p. 25-47.

Young, R.A., 1982, Paleogeomorphic Evidence for the Structural History of the Colorado Plateau Margin in Western Arizona: Anderson-Hamilton volume: Mesozoic-Cenozoic Tectonic Evolution of the Colorado River Region, California, Arizona and Nevada, p. 29-40.

Young, R.A., 1999, In: Billingsley, G.H., Wenrich, K.J., Huntoon, P.W., and Young, R.A., 1999, Breccia Pipe and Geologic Map of the SW part of Hualapai Indian Reservation and Vicinity, Arizona: U.S. Geological Survey Misc. Investigations Series Map I-2554, 2 maps with pamphlet (Appendix: pages 21-50, Nomenclature and Ages of Late Cretaceous(?) – Tertiary Strata in the Hualapai Plateau Region, NW Arizona by R.A. Young).

Young, R.A., and Brennan, W.J., 1974, The Peach Springs Tuff: Its bearing on the structural evolution of the Colorado Plateau and the development of Cenozoic drainage in Mohave County, Arizona: *Geological Society of America Bull.*, v. 85, p. 83-90.

Young, R.A., and McKee, E.D., 1978, Early and Middle Cenozoic drainage and erosion in west-central Arizona, *Geological Society of America Bull.*, v. 89, no. 12, p. 1745-1750.

Young, R.A., Peirce, H.W., and Faulds, J., 1987, Geomorphology and Structure of the Colorado Plateau/Basin and Range Transition Zone, Arizona: In: Geologic Diversity of Arizona and its Margins: Excursions to Choice Areas: Ariz. Bur. of Geology and Min. Tech. Special Paper 5, p. 182-196.