This Supplmeental Material accompanies Daniel, C.G., Indares, A., Medaris, L.G., Jr., Aronoff, R., Malone, D., and Schwartz, J., 2023, Linking the Pinware, Baraboo, and Picuris orogens: Recognition of a trans-Laurentian ca. 1520–1340 Ma orogenic belt, *in* Whitmeyer, S.J., Williams, M.L., Kellett, D.A., and Tikoff, B., eds., Laurentia: Turning Points in the Evolution of a Continent: Geological Society of America Memoir 220, p. 1–16, https://doi.org/10.1130/2022.1220(11).

References for Supplemental Data Table S1

Amato, J.M., Boullion, A.O., Serna, A.M., Sanders, A.E., Farmer, G.L., Gehrels, G.E., Wooden, J.L., 2008, Evolution of the Mazatzal province and the timing of the Mazatzal orogeny: insights from U-Pb geochronology and geochemistry of igneous and metasedimentary rocks in southern New Mexico: Geological Society of America Bulletin, v. 120, p. 328-346.

Amato, J.M., Boullion, A.O., Serna, A.M., Sanders, A.E., Toro, J., Mclemore, V.T., and Andronicos, C.L., 2011, Syntectonic 1.46 Ga magmatism and rapid cooling of a gneiss dome in the southern Mazatzal Province: Burro Mountains, New Mexico: Geological Society of America Bulletin, v. 123, p. 1720-1744, doi:10.1130/B30337.1.

Amato, J.M., and Becker, T., 2012, Proterozoic rocks of the Caballo Mountains and Kingston mining district: U-Pb Geochronology and correlations within the Mazatzal Province of southern New Mexico: in, Lucas, S.G., McLemore, V.T., Lueth, V.W., Spielman, J.A., Krainer, K. (eds.): Geology of the Warm Springs region, New Mexico Geological Society 63rd annual fall field conference guidebook, p. 227-234.

Amato, J.M., Ottenfeld, C.F., and Howland, C.R., 2018, U-Pb geochronology of Proterozoic igneous and metasedimentary rocks in southern New Mexico: Post-collisional S-type granite magmatism: in: Mack, G.H., Hampton, B.A., Ramos, F.C., Witcher, J.C., and Ulmer-Scholle, D.S., eds.: Las Cruces Country III, New Mexico Geological Society 69th Annual Fall Field Conference Guidebook, p.

Aronoff, R.F., Andronicos, C.L., Vervoort, J.D., and Hunter, R.A., 2016, Redefining the metamorphic history of the oldest rocks in the southern Rocky Mountains: Geological Society of America Bulletin, v. 128, no. 7/8, p. 1207-1227.

Augland, L.E., Moukhsil, A., Solgadi, F., Indares, A., 2015, Pinwarian to Grenvillian magmatic evolution in the central Grenville Province: new constraints from ID-TIMS U-Pb ages and coupled Lu-Hf S-MC-ICP-MS data: Canadian Journal Earth Science, v. 52, p. 701–721.

Bickford, M.E., Shuster, R.D., and Boardman, S.J., 1989a, U-Pb geochronology of the Proterozoic volcano-plutonic terrane in the Gunnison and Salida area, Colorado, *in* Grambling, J.A., and Tewksbury, B.J., eds., Proterozoic geology of the Southern Rocky Mountains: Geological Society of America Special Paper 235, p. 33–48.

Bickford, M.E., Cullers, R.L., Shuster, R.D., Premo, W.R., and Van Schmus, W.R., 1989b, U-Pb zircon geochronology of Proterozoic and Cambrian plutons in the Wet Mountains and southern Front Range, Colorado: Geological Society of America Special Paper 235, p. 49–64.

Bickford, M.E., Van Schmus, W.R., Karlstrom, K.E., Mueller, P.A., and Kamenov, G.D., 2015, Mesoproterozoic-trans-Laurentian magmatism—A synthesis of continent-wide age distributions, new SIMS U–Pb ages, zircon saturation temperatures, and Hf and Nd isotopic compositions: Precambrian Research, v. 265, p. 286–312.

Bowring, S.A., Kent, S.C., Sumner, W., 1983, Geology and U-Pb geochronology of Proterozoic rocks in the vicinity of Socorro, New Mexico: New Mexico Geological Society Guidebook, v. 34, p. 137-142.

Bowring, S.A., Reed, J.C. & Condie, K.C., 1984, U-Pb geochronology of Proterozoic volcanic and plutonic rocks, Sangre de Cristo Mtns., NM: Geological Society of America Abstracts with Programs, 16, 216.

Chamberlin, K.R., and Bowring, S.A., 1990, Proterozoic geochronologic and isotopic boundary in NW Arizona: The Journal of Geology, v. 98, p. 399-416.

Condie, K.C., Latysh, N., Van Schmus, W.R., Kozuch, M., Selverstone, J., 1999, Geochemistry, Nd and Sr isotopes, and U/Pb zircon ages of granitoid and metasedimentary xenoliths from the Navajo volcanic field, Four Corners area, Southwestern United States: Chemical Geology, v. 156, p. 95–133.

Connely, J.N., and Heaman, L., 1993, U-Pb geochronological constraints on the tectonic evolution of the Grenville Province, western Labrador: Precambrian Research, 63, p.123–142.

Corrigan, D., and van Breeman, O., 1997, U-Pb age constraints for the lithotectonic evolution of the Grenville Province along the Mauricie, transect, Quebec: Canadian Journal of Earth Sciences, v. 34, p. 299-316.

Corrigan, D., Culshaw, N.G., Mortensen, J.K., 1994, Pre-Grenvillian evolution and Grenvillian overprinting of the Parautochthonous Belt in Key harbor, Ontario: U–Pb and field constraints: Canadian Journal of Earth Sciences, 31, p. 583-596.

Cox, R.A., Dunning, G.R., and Indares, A., 1998, Petrology and U–Pb geochronology of mafic, high-pressure, metamorphic coronites from the Tshenukutish domain, eastern Grenville Province: Precambrian Research, v. 90, p. 59–83, doi:10.1016/S0301-9268(98)00033-3.

Crowley, J.L., Schmitz, M.D., Bowring, S.A., Williams, M.L., Karlstrom, K.E., 2006, U-Pb and Hf isotopic analysis of zircon in lower crustal xenoliths from the Navajo volcanic field: 1.4 Ga mafic magmatism and metamorphism beneath the Colorado Plateau: Contributions to Mineralogy and Petrology, v. 151, p. 313–330.

Daniel, C.G., Pfeifer, L.S., Jones, J.V. III, and McFarlane, C.M., 2013b, Detrital zircon evidence for non-Laurentian provenance, Mesoproterozoic (ca. 1490-1450 Ma) deposition and orogenesis in a reconstructed orogenic belt, northern New Mexico, USA: Defining the Picuris orogeny: Geological Society of America Bulletin, v. 125, n. 9-10, p. 1423-1441.

Daniel, C.G., Pyle, J.M., 2006, Monazite-Xenotime thermochronometry and Al_2SiO_5 reaction textures in the Picuris Range, northern New Mexico, USA: new evidence for a 1450-1400 Ma orogenic event: Journal of Petrology, v. 47, n. 1, p. 97–118.

David, J., Moukhsil, A., & Dion, C., 2010, Datations U-Pb effectuées dans la Province de Grenville en 2008–2009: Ministère des Ressources naturelles et de la Faune, RP, 2010-10, 18 p. [In French]

Davis, D.W., and Nantel, S., 2016, Datations U-Pb dans la partie nord de la Ceinture centrale des métasédiments, Province de Grenville, région de Mont-Laurier : Énergie et Ressources naturelles Québec, MB 2016-04, 51 p. [in French]

Davis, D.W., Mouksil, A., Lafrance, I., Hammoche, H., Goutier, J., Pilote, P., Talla Takam., F., 2015, Datations U-Pb dans les provinces du Supérieur, de Churchill et de Grenville effectuées au JSGL en 2012-2013: Ministère de l'Énergie et des Ressources naturelles, Québec; RP 2014-07, 56 p. [in French]

Davis, P., Williams, M., Karlstrom, K., 2011, Structural evolution and timing of deformation along the Proterozoic Spring Creek shear zone of the northern Tusas Mountains: (eds.) Koning, D.J., Karlstrom, K.E., Kelley, S.A., Lueth, V.W., Aby, S.B., in: Geology of the Tuas Mountains and Ojo Caliente, New Mexico Geological Society Fall Field Conference Guidebook, p. 177-190.

Doe, M.F., Jones, J.V. III, Karlstrom, K.E., Thrane, K., Frei, D., Gehrels, G., Pecha, M., 2012, Basin formation near the end of the 1.60-1.45 Ga tectonic gap in southern Laurentia: Mesoproterozoic Hess Canyon Group of Arizona and implications for ca. 1.5 Ga super-continent configurations: Lithosphere, v. 4, n. 1, p. 77-88.

Doe, M.F., Jones, J.V. III, Karlstrom, K.E, Dixon, B., Gehrels, G.E., 2013, Using detrital zircon ages and Hf isotopes to identify ca. 1.48-1.45 G. sedimentary basins and fingerprint potential sources of exotic 1.6-1.5 Ga grains in southwestern Laurentia: Precambrian Research, v. 231, p. 409-421, doi:10.1016/j.precamres.2013.03.002.

du Bray, E.A., Holm-Denoma, C.S., San Juan, C.A., Lund, Karen, Premo, W.R., and DeWitt, Ed, 2015, Geochemical, modal, and geochronologic data for 1.4 Ga A-type granitoid intrusions of the conterminous United States: U.S. Geological Survey Data Series 942, 19 p., doi:10.3133/ds942.

du Bray, E.A., Aleinikoff, J.N., Day, W.C., Neymark, L.A., Burgess, S.D., 2021, Petrology and geochronology of 1.48 to 1.45 Ga igneous rocks in the St. Francois Mountains terrane, southeast Missouri: U.S. Geological Survey Professional Paper 1866, 88 p., doi:10.3133/pp1866.

Dunning, G., and Indares, A. 2010, New insights on the 1.7–1.0 Ga crustal evolution of the central Grenville Province from the Manicouagan–Baie Comeau transect: Precambrian Research, v. 180, p. 204–226, doi:10.1016/j.precamres.2010.04.005.

Freiburg, J.T., McBride, J.H., Malone, D.H., and Leetaru, H.E., 2020, Petrology, geochronology and geophysical characterization of Mesoproterozoic rocks in central Illinois, USA: Geoscience Frontiers, v. 11, p. 581-896, doi:10.1016/j.gsf.2019.07.004.

Gonzales, D.A., and Van Schmus, W.R., 2007, Proterozoic history and crustal evolution in southwestern Colorado: Insight from U/Pb and Sm/Nd data: Precambrian Research, v. 154, p. 31-70.

Gower, C.F., 2019, Regional geology of eastern Labrador (eastern Makkovik and Grenville provinces): Government of Newfoundland and Labrador, Department of Natural Resources, Geological Survey, St. John's, Memoir 4, 654 pages.

Gower, C.F., and Krogh, T.E., 2002, A U–Pb geochronological review of the Proterozoic history of the eastern Grenville Province: Canadian Journal of Earth Sciences, v. 39, p. 795–829, doi:10.1139/e01-090.

Gower, C.F., Kamo, S.L., Kwok, K., Krogh, T.E., 2008. Proterozoic southward accretion and Grenvillian orogenesis in the interior Grenville Province in eastern Labrador: Evidence from U-Pb geochronological investigations. Precambrian Research, p.165, 61–95.

Grambling, T.G., Holland, M., Karlstrom, K.E., Gehrels, G.E., and Pecha, M., 2015, Revised location for the Yavapai-Mazatzal crustal province boundary in New Mexico: Hf isotopic data from Proterozoic rocks of the Nacimiento Mountains, *in*: Lindline, J., Petronis, M., Zebrowski, J., eds.: Geology of the Las Vegas Area, New Mexico Geological Society 66th Annual Fall Field Conference Guidebook, p. 175-184.

Groulier, P.-A., Indares, A.D., Dunning, G., Mouhksil, A., and Walle, M., 2018, Peri-Laurentian, Pinware-age oceanic arc crust preserved in the Grenville Province: Insights from the Escoumins supracrustal belt: Precambrian Research, v. 311, p. 37-64.

Hawkins, D.P., Bowring, S.A., Ilg, B.R., Karlstrom, K.E., Williams, M.L., 1996, U-Pb geochronologic constraints on Proterozoic crustal evolution: Geological Society of America Bulletin, v. 108, p. 1167–1181.

Heaman, L.M., Gower, C.F., and Perreault, S. 2004, The timing of Proterozoic magmatism in the Pinware terrane of southeast Labrador, easternmost Quebec and northwest Newfoundland: Canadian Journal of Earth Sciences, v. 41, p. 127–150, doi:10.1139/e03-088.

Hébert, C., and van Breemen, O., 2004, Mesoproterozoic basement, the Lac-Saint-Jean anorthosite suite and younger Grenvillian intrusions in the Saguenay region (Quebec): structural relationships and U-Pb geochronology: Geological Society of America, Memoir 197, pp. 65–79.

Hébert, C., Cadieux, A.-M., and van Breemen, O. 2009, Région du réservoir Pipmuacan (SNRC 22E) : synthèse géologique: Ressources naturelles et Faune, Québec, RG2009-01. 54 p. [In French.]

Holland, M.E., Grambling, T.A., Karlstrom, K.E., Jones III, J.V, Nagotko, K.N., Daniel, C.G., 2020, Geochronologic and Hf-isotope framework of Proterozoic rocks from central New Mexico, USA: Formation of the Mazatzal crustal province in an extended continental margin arc: Precambrian Research, v. 347.

Holm, D.K., Schneider, D.A., Rose, S., Mancuso, C., McKenzie, M., Foland, K.A., Hodges, K.V., 2007, Proterozoic metamorphism and cooling in the southern Lake Superior region, North America, and its bearing on crustal evolution: Precambrian Research, v. 157, p. 106–126, doi:10.1016/j.precamres.2007.02.012.

Holm, D.K., Medaris, L.G., McDannell, K.T., Schneider, D.A., Schulz, K., Singer, B.S., and Jicha, B.R., 2020, Growth, overprinting, and stabilization of Proterozoic provinces in the southern Lake Superior region: Precambrian Research, v. 339, doi:10.1016/J.PRECAMRES.2019.105587.

158 lndares, A., Dunning, G., Cox, R., Gale, D., 1998. High-pressure, high-temperature rocks from
159 the base of thick continental crust: Geology and age constraints from the Manicouagan
160 Imbricate Zone, eastern Grenville Province: Tectonics, v.17, p. 426–440.
161 Indares, A., and Dunning, G., 2004, Crustal architecture above the high-pressure belt of the
162 Grenville Province in the Manicouagan area: new structural, petrologic and U–Pb age
163 constraints: Precambrian Research, v. 130, p. 199–228. doi:
164 10.1016/j.precamres.2003.11.005.
165 Isachsen, C.E., Gehrels, G.E., Riggs, N.R., Spencer, J.E., Ferguson, C.A., Skotnicki, S.J., and
166 Richard, S.M., 1999, U-Pb geochronologic data from zircons from eleven granitic rocks
167 in central and western Arizona. Arizona Geological Survey Open File Report, OFR-99-
168 05, 27 p.
169 James, D.T., Kamo, S., Krogh, T., Nadeau, L., 2001, Preliminary U-Pb geochronological data
170 from Mesoproterozoic rocks, Grenville province southern Labrador: Current research
171 Newfoundland Department of Mines and Energy, report 2001-1, p. 45-53.
172 Jessup, M.J., Jones, J.V., Karlstrom, K.E., Williams, M.L., Connelly, J.N., and Heizler, M.T.,
173 2006, Three Proterozoic orogenic episodes and an intervening exhumation evet in the
174 Black Canyon of the Gunnison region, Colorado: The Journal of Geology, v. 114, p. 555-
175 576, doi:10.1086/506160.
176 Jones, D.S., Barnes, C.G., Premo, W.R., and Snoke, A.W., 2013, Reactivation of the Archean-
177 Proterozoic suture along the southern margin of Laurentia during the Mazatzal orogeny:
178 petrogenesis and tectonic implications of ca. 1.63 Ga granite in southeastern Wyoming:
179 Geological Society of America Bulletin, v. 125, p. 164-183.

Jones III, J.V., Connelly, J.N., Karlstrom, K.E., Williams, M.L., Doe, M.F., 2009, Age, provenance, and tectonic setting of Paleoproterozoic quartzite successions in the southwestern United States: Bulletin Geological Society America, v. 121, p. 247–264, doi:10.1130/B26351.1.

Jones, J.V. III, Daniel, C.G., Frei, D., Thrane, K., 2011, Revised regional correlations and tectonic implications of Paleoproterozoic and Mesoproterozoic metasedimentary rocks in northern New Mexico, USA: New finding from detrital zircon studies of the Hondo Group, Vadito Group, and Marqueñas Formation: Geosphere, v. 7, n. 4, p. 974-991.

Kamo, S.L., Wasteneys, H., Gower, C.F., and Krogh, T.E., 1996, U-Pb geochronology of Labradorian and later events in the Grenville Province, eastern Labrador: Precambrian Research., v. 80, p. 239-260.

Karlstrom, K.E., Williams, M.L., Heizler, M.T., Holland, M.E., Grambling, T.A., and Amato, J.M., 2016, U-Pb Monazite and 40Ar/39Ar data supporting polyphase tectonism in the Manzano Mountains: a record of both the Mazatzal (1.66-1.60 Ga) and Picuris (1.45 Ga) Orogenies: in Frey, B.A., Karlstrom, K.E., Lucas, S.G., Williams, S., Zeigler, K., McLemore, V., and Ulmer-Scholle, D.S., eds., New Mexico Geological Society Fall Field Conference Guidebook 67, p. 177-184.

Karlstrom, K.E., Gonzalez, D.A., Heizler, M.T., and Zinnser, A., 2017, 40Ar/39Ar age constraints on the deposition and metamorphism of the Uncompahgre Group, southwestern Colorado: New Mexico Geological Society Fall Field Conference Guidebook, v. 68, p. 83-90.

Ketchum, J.W.F., Jamieson, R.A., Heaman, L.M., Culshaw, N.G., Krogh, T.E., 1994, 1.45 Ga granulites in the southwestern Grenville Province: geologic setting, P-T conditions, and U-Pb geochronology: Geology, 22, 215–218.

Kopera, J., 2003, Monazite Geochronology of the Ortega Quartzite: Documenting the Extent of 1.4 Ga Tectonism in Northern New Mexico and across the Orogen [M.S. thesis]: Amherst, Massachusetts, University of Massachusetts, 130 p.

Krogh, T.E. 1994, Precise U–Pb ages for Grenvillian and pre-Grenvillian thrusting of Proterozoic and Archean metamorphic assemblages in the Grenville Front tectonic zone, Canada: Tectonics, v. 13, p. 963–982.

Lasalle, S., Fisher, C.M., Indares, A., and Dunning, G., 2013, Contrasting types of Grenvillian granulite facies aluminous gneisses: insights on protoliths and metamorphic events from zircon morphologies and ages: Precambrian Research, v. 228, p. 117–130, doi:10.1016/j.precamres.2013.01.014.

Lytle, M., 2016, The Proterozoic history of the Idaho Springs-Ralston shear zone: Evidence for widespread ca. 1.4 Ga orogenic event in Central Colorado [M.Sc. thesis]: Golden, Colorado School of Mines, 89 p.

Mahatma, A., 2019, The Proterozoic history of the southern half of the Mount Evans 7.5 minute quadrangle: evidence for ca. 1.4 Ga orogenic event in the central Front Range, Colorado: MS Thesis, Colorado School of Mines, Golden CO, 88 p.

Mako, C.A., Williams, M.L., Karlstrom, K.E., Doe, M.F., Powicki, D., Holland, M.E., Gehrels, G., and Pecha, M., 2015, Polyphase Proterozoic deformation in the Four Peaks area, central Arizona, and relevance for the Mazatzal orogeny: Geosphere, v. 11, no. 6, p. 1975–1995, doi:10.1130/GES01196.1.

McCoy, A.M., Karlstrom, K.E., Shaw, C.A., Williams, M.L., and Keller, G.R., 2005, The Proterozoic ancestry of the Colorado Mineral Belt: 1.4 Ga shear zone system in central Colorado: The Rocky Mountain Region: An Evolving Lithosphere–Tectonics, Geochemistry, and Geophysics, p. 71–90.

Medaris, L.G. Jr., Singer, B.S., Jicha, B.R., Malone, D.H., Schwartz, J.J., Stewart, E.K., Van Lankvelt, A., Williams, M.L., and Reiners, P.W., 2021, Early Mesoproterozoic evolution of midcontinental Laurentia: Defining the geon 14 Baraboo orogeny: Geoscience Frontiers, v. 12, Article 101174, doi:10.1016/j.gsf.2021.101174.

Mellis, E.A., 2001, Tectonic history of the Proterozoic basement of the southern Sangre de Cristo mountains, New Mexico: M.S. Thesis, New Mexico Institute of Mining and Technology, Socorro New Mexico, 131 p.

Moscati, R.J., Premo, W.R., DeWitt, E.H., and Wooden, J.L., 2017, U-Pb ages and geochemistry of zircon from Proterozoic plutons of the Sawatch and Mosquito ranges, Colorado, U.S.A.: implications for crustal growth of the central Colorado Province: Rocky Mountain Geology, v. 52, p. 17–106.

Moukhsil, A., Lacoste, P., Gobeil, A., and David, J., 2009, Synthèse géologic de la région de Baie-Comeau (SNRC 22F): Ministère des Ressources Naturelles, Québec; RG2009-03. [In French.]

Moukhsli, A., Lacoste, P., Solgadi, F., and David, J., 2011, Géologie de la partie orientale de la région de Baie-Comeau (partie ouest de 22G): Ministère des Ressources naturelles et de la Faune, Québec; RG 2011-02, 33 p. [In French]

245 Moukhsil, A., Solgadi, F., Belkacim, S., Augland, L., David, J., 2015, Geologie de la Region de
246 Parent: Ministère de l'Énergie et des Ressources naturelles, RG2015-04, Québec; 62 p.
247 [In French].
248 Nadeau, L., and van Breemen, O., 1998, Plutonic ages and tectonic setting of the Algonquin and
249 Muskoka allochthons, Central Gneiss Belt, Grenville Province, Ontario: Canadian
250 Journal of Earth Sciences, v. 35, p. 1423–1438, doi:10.1139/e98-077.
251 Pedrick, J.N., Karlstrom, K.E., and Bowring, S.A., 1998, Reconciliation of conflicting tectonic
252 models for Proterozoic rocks in northern New Mexico: Journal of Metamorphic Geology,
253 v. 16, p. 687–707, doi:10.1111/j.1525-1314.1998.00165.x.
254 Piercey, P., Schneider, D.A., Holm, D.K., 2007, Geochronology of Proterozoic metamorphism in
255 the deformed Southern Province, northern Lake Huron region Canada: Precambrian
256 Research, v. 157, p. 127–143, doi:10.1016/j.precamres.2007.02.013.
257 Premo, W. R., and Van Schmus, W. R., 1989, Zircon geochronology of Precambrian rocks in
258 southeastern Wyoming and northern Colorado, in Grambling, J. A., and Tewksbury, B.
259 J., eds., Proterozoic geology of the Southern Rocky Mountains: Geological Society of
260 America Special Paper 235, p. 13–32.
261 Romano, D., Holm, D.K., and Foland, K.A., 2000, Determining the extent and nature of
262 Mazatzal-related overprinting of the Penokean orogenic belt in the southern Lake
263 Superior region, north–central USA: Precambrian Research, v. 104, p. 25–46.
264 Rämö, O.T., McLemore, V.T., Hamilton, M.A., Kosunen, P.J., Heizler, M., and Haapala, I.,
265 2003, Intermittent 1630–1220 Ma magmatism in central Mazatzal Province; new
266 geochronologic piercing points and some tectonic implications: Geology, v. 31, p. 335–
267 338, doi:10.1130/ 0091-7613(2003)031<0335:IMMICM>2.0.CO;2.

Read, A.S., Karlstrom, K.E., Grambling, J.A., Bowring, S.A., Heizler, M., Daniel, C., 1999, A middle-crustal cross section from the Rincon Range northern New Mexico: evidence for 1.68-Ga, pluton-influenced tectonism and 1.4 regional metamorphism: Rocky Mountain Geology, v. 34, p. 67-91.

Roths, P., 1991, Geology of Proterozoic outcrops in Dead Man and Little San Nicolas Canyons, southern San Andres Mountains, New Mexico: New Mexico Geological Society 42nd Field Conference Guidebook, p. 91–96.

Scott, D.J., Machado, N., Hanmer, S., and Garièpy, C., 1993, Dating ductile deformation using U–Pb geochronology: examples from the Gilbert River Belt, Grenville Province, Labrador, Canada: Canadian Journal of Earth Sciences, v. 30, p. 1458–1469. doi:10.1139/e93-126.

Shaw, C.A., Heizler, M.H., and Karlstrom, K.E., 2005, 40Ar/39Ar thermochronologic record of 1.45–1.35 Ga intracontinental tectonism in the southern Rocky Mountains: Interplay of conductive and advective heating with intracontinental deformation, in Karlstrom, K.E., and Keller, G.R., eds., The Rocky Mountain Region— An Evolving Lithosphere: American Geophysical Union Geophysical Monograph 154, p. 163–184.

Schärer, U., Krogh, T.E. and Gower, C.F., 1986, Age and evolution of the Grenville Province in eastern Labrador from U–Pb systematics in accessory minerals. Contributions to Mineralogy and Petrology, 94, p. 438–451.

Slagstad, T., 2003, Muskoka and Shawanaga domains, Central Gneiss Belt, Grenville Province, Ontario: Geochemical and geochronological constraints on pre-Grenvillian and Grenvillian geological evolution. PhD thesis, Dalhousie University, 336 p.

290 Solgadi, F., 2010, Origine et développement de litages dans des roches de composition
291 granitique. Thèse de doctorat, Université du Québec à Chicoutimi; 458 pages. [In French]
292 Spencer, J.E., Isachsen, C.E., Ferguson, C.A., Richard, S.M., Skotnicki, S.J., Wooden, J., and
293 Riggs, N.R., 2003, U-Pb isotope geochronologic data from 23 igneous rock units in
294 central and southeastern Arizona: Arizona Geological Survey Open-File Report 03-08,
295 p. 40.
296 Spencer, J., and Pecha, M., 2012, U-Pb zircon geochronologic investigation of granitoids and
297 sandstones in the Jerome Canyon and Chino Valley North7 ½' quadrangles, Prescott
298 Area, Central Arizona. Arizona Geological Survey, Open File Report, OFR-12-02. 10 p.
299 Spencer, J.E., Ferguson, C.A., Johnson, B.J., Gehrels, G., Pecha, M. and Doe, M., 2015, A
300 partial compilation and database U-Pb geochronologic data and sample locations in
301 Arizona and southeastern-most California. Arizona Geological Survey Digital
302 Information DI-46, 2 p., Shapefiles, Excel Table and 2 appendices.
303 Stewart, E.D., Stewart, E.K., Walker, A., Zambito IV, J.J., 2018, Revisiting the Paleoproterozoic
304 Baraboo interval in southern Wisconsin: evidence for syn-depositional tectonism along
305 the south-central margin of Laurentia: Precambrian Research, v. 314, p. 221–239,
306 doi:10.1016/j.precamres.2018.05.010.
307 Strickland, D., Heizler, M.T., Selverstone, J., and Karlstrom, K.E., 2003, Proterozoic evolution
308 of the Zuni Mountains, western New Mexico: Relationship to the Jemez Lineament and
309 implication for a complex cooling history, in Lucas, S.G., Semken, S.C., Berglof, W., and
310 Ulmer-Scholle, D., eds., Geology of the Zuni Plateau: New Mexico Geological Society
311 Guidebook 54, p. 109–117.
312 Timmermann, H., Jamieson, R.A., Culshaw, N.G., and Parrish, R.R., 1997, Time of

313 metamorphism beneath the Central Metasedimentary Belt boundary thrust zone,
314 Grenville Orogen, Ontario: accretion at 1080 Ma?: Canadian Journal of Earth Sciences,
315 v. 34, p. 1023–1029. doi:10.1139/e17-084.
316 Timmermann, H., Jamieson, R.A., Parrish, R.R., and Culshaw, N.G., 2002, Coeval migmatites
317 and granulites, Muskoka domain, southwestern Grenville Province, Ontario: Canadian
318 Journal of Earth Sciences, v. 39, p. 239-258.
319 van Breemen, O., and Corriveau, L., 2005, U-Pb age constraints on arenaceous and volcanic
320 rocks of the Wahekam Group, eastern Grenville Province: Canadian Journal Earth
321 Sciences, v. 42, p. 1677–1697.
322 van Breemen, O., Davidson, A., Loveridge, W.D., and Sullivan, R.W., 1986, U-Pb zircon
323 geochronology of Grenville tectonites, granulites, and igneous precursors, Parry Sound,
324 Ontario, in, Moore, J.M., Davidson, A., and Baer, A.J., (eds.), The Grenville Province:
325 Geological Association of Canada, Special Paper 31, p. 191-207.
326 Van Wyck, N., Norman, M., 2004, Detrital zircon ages form Early Proterozoic quartzites,
327 Wisconsin, support rapid weathering and deposition of mature quartz arenites: Journal of
328 Geology, v. 112, p. 305–315, doi:10.1086/382761.
329 Wasterneys, H.A., Kamo, S.L., Moser, D., Krogh, T.E., Gower, C.F., and Owen, J.V., 1997, U-
330 Pb geochronological constraints on the geological evolution of the Pinware terrane and
331 adjacent areas, Grenville Province, southeast Labrador, Canada: Precambrian Research,
332 v. 81, p. 101–128, doi:10.1016/S0301-9268(96)00030-7.
333 Wendlandt, E., DePaolo, D.J., Baldridge, W.S., 1996, Thermal history of Colorado Plateau
334 lithosphere from Sm–Nd mineral geochronology of xenoliths: Geological Society
335 America Bulletin, v. 108, p. 757–767.

Wodicka, N., David, J., Parent, M., Gobeil, A., Verpaelst, P., 2003, Géochronologie U-Pb et Pb-Pb de la région de Sept-Îles–Natashquan, Province de Grenville, moyenne Côte-Nord. Dans: Géologie et ressources minerals de la partie est de la Province de Grenville. Édité par: D. Brisebois et T. Clark. Ministère de l'Énergie et des Ressources naturelles, Québec, DV2002-03, pages 59–117. [In French]