# The Grenville event in the Appalachians and related topics, edited by M.J. Bartholemew

# Geological Society of America - Proterozoic Crustal Evolution



Description: -

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Strains and stresses.

Materials -- Creep.

Geology - Appalachians Mts. - CongressesThe Grenville event in the Appalachians and related topics, edited by M.J. Bartholemew -The Grenville event in the Appalachians and related topics, edited by M.J. Bartholemew

Notes: 11

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Tags: #Trip #2

#### Geochemical evolution of the Precambrian Old Rag Granite, Virginia, U.S.A.: testing a U□Th exploration model

Nevertheless, it is reasonable to suggest, on the basis of process-oriented facies analysis, that the Argentine Precordillera is somewhat incompletely preserved Cañas, 1995a, this volume; Astini et al. This research was supported by National Sciences Foundation grants EAR-0635688, EAR-0001322, EAR-0635643, and EAR-0447154. Chemical and isotopic homogeneity of a 400 km long basic dyke in central West Greenland.

#### Insights into southern Appalachian tectonics from ages of detrital monazite and zircon in modern alluvium

Topographic contour interval 10 ft. Rifting may have begun as early as 760 Ma in the Maritime Provinces Strong et al. In this paper, we describe the petrology and isotope geochemistry of Mesoproterozoic rocks in the Blair River inlier, a fragment of Grenvillian basement exposed in northwestern Cape Breton Island, Nova Scotia, Canada Fig.

### Trip 2

In general, early Paleozoic ostracods tended to differentiate into biogeographic regions, each charac- 26 J. Age and origin of a compositionally varied mafic dyke swarm in the Bunger Hills, East Antarctica. Kroner Editor, Proterozoic Lithospheric Evolution.

#### Geochemical evolution of the Precambrian Old Rag Granite, Virginia, U.S.A.: testing a U□Th exploration model

Such a separation attains its maximum by the end of the Ordovician, when the accretion of Cuyania to Gondwana occurred. ROHRERSVILLE DRILL SITE AND CORE At Rohrersville, metabasalt, metarhyolite, quartz sericite schist, and phyllite of the Catoctin Formation footwall form hilly topography. The Transcontinental Arch deflected Late Mississippian transcontinental rivers with Alleghanian headwaters toward the southern midcontinent and nascent, deep-marine foreland basins along the Ouachita collision orogen.

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