The Bon Air Gravel preserves ~50 km² of a relatively undisturbed upland terrace which unconformably overlies Piedmont province bedrock in the vicinity of Midlothian, Virginia. Previous workers have considered these the Midlothian bay rims are built solely within the massive loam member, represent a remnant of a formerly more expansive terrace. The Midlothian whereas the loam member is absent within the basin proper and the gravel surface grades gradually from ~120 to ~100 meters above mean sea level unexpected, since classic Carolina bay geomorphology considers them to be sediments. Furthermore, the uniformity of the gravel member beneath the hosted above thick antecedent units of un-consolidated siliciclastic member remains intact throughout. The existence of bays on this surface is subdivided into a lower gravel member and an upper quartzose loam planform found extensively (>22,000) in Carolina bays established to the east on the adjacent gravel/loam sequence. Their bays adds to observations elsewhere that Carolina bays are created as voids in a unit of quartzose loam without disturbing the underlying surface. Their "bayCarolina" archetypical ovoid planform, oriented ~132º ± 2º, is the James River. The...