



Adapted from USGS Tyler, Texas. Original Scale 1:250,000

Figure 22. Map Location of Quail Creek



Figure 23. Quail Creek at the East Texas Ecological Education Center

Quail Creek

Quail Creek begins from springs located on the East Texas Ecological Education Center in southeast Smith County about seven miles east of Tyler and flows south for about one mile where it joins Gilley Creek in southeast Smith County. Despite the relatively small size of the Nature Center, its vegetation is quite diverse with 432 species identified from this state owned property (TPWD, 1999). Vertebrate animal species are also diverse, with 199 birds, 24 mammals, 25 amphibians and reptiles, and nine fishes having been identified (TPWD, 1999). The candidate segment is from the confluence with Gilley Creek upstream to its spring headwaters in southeast Smith County.

- (1) Biological Function- flora and fauna typical of three types of forest communities: dry upland, mesic upland, and mesic creek bottom, displays significant overall habitat value considering the degree of biodiversity (TPWD, 1999).
- (2) Hydrologic Function- no information available.
- (3) Riparian Conservation Area- located on the East Texas Ecological Education Center.
- (4) High Water Quality/Exceptional Aquatic Life/High Aesthetic Value- insufficient data available to evaluate criteria.
- (5) Threatened or Endangered Species/Unique Communities- none identified.