

### 1.11.8 Lynch Creek

Lynch Creek is a first order stream that begins about 14 miles east of Crockett in Houston County and flows southeasterly for about five miles before emptying into Piney Creek. The creek is intermittent in nature and generally only flows four months of the year on average (Kelly 1999). The creek has sand and loam dominated substrate and a dense canopy of vegetation (Kelly 1995). Kelly (1995) collected 23 fish species, including three darter species, eight sunfish species, and five cyprinids. Biodiversity indices and the high ratio of tolerant to intolerant individuals captured (50:1) indicate Lynch Creek has been impacted to some extent (Kelly 1999). Reduced water quality due to the intermittent nature of the creek in warmer months is likely the primary impact to the fish community. The ecologically significant stream segment is from the confluence with Piney Creek upstream to its headwaters near an unmarked county road in Houston County.

- **Riparian conservation area-** fringed by the 162,012-acre Davy Crockett National Forest.
- **Threatened or endangered species/unique communities-** significant due to presence of the creek chubsucker (*Erimyzon oblongus*) (SOC/St.T) (Kelly 1995).



Figure 43. Lynch Creek east of FM 2781 in Houston County (8/14/01).