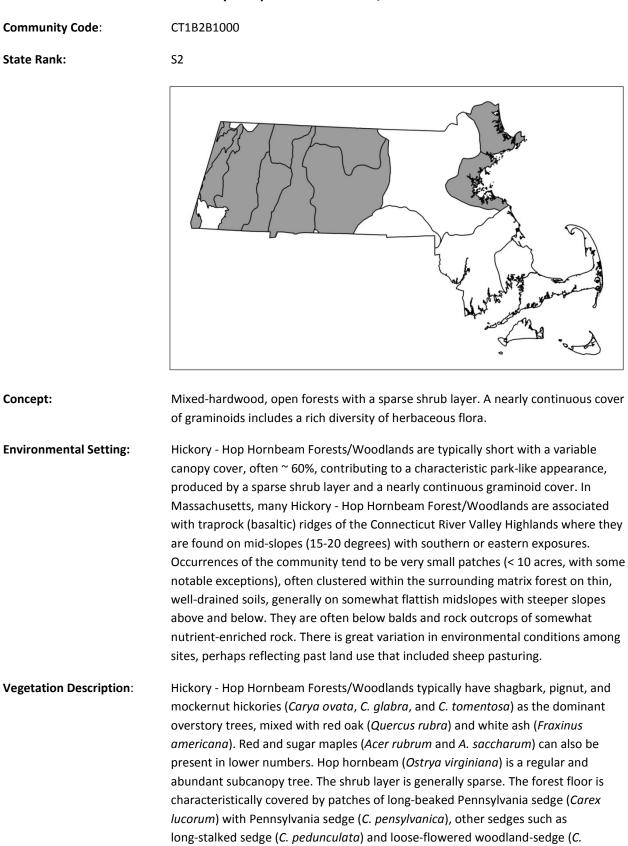


## Hickory – Hop Hornbeam Forest/Woodland



	<i>laxiflora</i> ), and grasses including bottlebrush grass ( <i>Elymus hystrix</i> ), poverty grass ( <i>Danthonia spicata</i> ), and the non-native Canada bluegrass ( <i>Poa compressa</i> ), with scattered violets ( <i>Viola palmata</i> ), blunt-lobed hepatica ( <i>Anemone americana</i> ), wood sorrels ( <i>Oxalis</i> spp.), and several species of tick-trefoils (including <i>Hylodesmum glutinosum</i> and <i>Desmodium paniculatum</i> ). Some sites have dense late summer forbs including asters (such as big-leaved and white wood asters ( <i>Eurybia macrophylla</i> and <i>E. divaricata</i> ), blue heart-leaf aster ( <i>Symphyotrichum cordifolium</i> ), and stiff aster ( <i>Ionactis linariifolia</i> )), goldenrods ( <i>Solidago</i> spp.), and bonesets ( <i>Eupatorium</i> spp.).
Differentiating Occurrences:	Hickory - Hop Hornbeam Forests/Woodlands have a park-like appearance with sparse shrub layer and a distinctive sedge understory. Hickories dominate the canopy with hop hornbeam forming a subcanopy. Oak - Hickory Forest canopies are generally closed or almost closed, with white and black oaks, rather than primarily red oak. Hickories are consistently present but not dominant. Flowering dogwood is characteristic. Shrubs are sparse but more abundant and more diverse than in Hickory - Hop Hornbeam Forests/Woodlands. Dry, Rich Oak Forests are dominated by oaks rather than hickories, the subcanopy is not dominated by hop hornbeam, and they lack the extensive sedge lawn of Hickory - Hop Hornbeam Forests/Woodlands. Mixed Oak Forests/Woodlands and other oak-dominated woodlands have a continuous low shrub layer formed by members of the blueberry family which are not characteristic of the Hickory - Hop Hornbeam Forests/Woodlands.
Associated Fauna:	These are small community occurrences and tend to be part of the habitat of species using the surrounding forests. Species of dry sites are most likely to occur in the community occurrences.
Public Access:	Catamount WMA, Colrain; Walnut Hill WMA, Middlefield; Joseph Skinner State Park, Hadley; Palmer WMA, Palmer; Wachusett Meadow Wildlife Sanctuary (Massachusetts Audubon Society), Princeton; Middlesex Fells, Medford.
Threats:	Exotics: black swallow-wort ( <i>Cynanchum louiseae</i> ), common buckthorn ( <i>Rhamnus cathartica</i> ).
Management Needs:	Control exotics where possible. Limit trails.
USNVC/NatureServe:	A2053 Quercus alba - Carya spp Fraxinus americana Forest Alliance Quercus rubra - Carya (glabra, ovata)/Ostrya virginiana/Carex lucorum Forest [CEGL006301].