

**Scientific Name:** *Betula nigra* ‘Cully’ and ‘BNMTF’

**Common Name:** Heritage® and Dura-Heat™ River Birch

**Environmental Conditions:**

**Hardiness Zone:** 4b (4a)

**Soil Moisture:**

VERY WET			VERY DRY								
occasionally saturated or very wet soil			consistently moist, well drained soil			occasional periods of dry soil			prolonged periods of dry soil		
2	3	4	5	6	7	8	9	10	11	12	

**Sun/Shade:** prefers full sun, tolerates partial shade

**Salt:** unknown

**pH:** ≤ 7.0

**Other:** Dura-Heat™ is reportedly heat tolerant

**Insect/Disease Factors:** resistant to bronze birch borer, less prone to leaf-spot than species, Dura-Heat™ is aphid resistant

**Growth Characteristics:**

**Height:** 40’-50’

**Width:** 30’-40’

**Form/Habit:** broadly pyramidal to oval, vigorous grower, multi-stem or single-stem forms available, Dura-Heat™ has dense compact appearance

**Rate:** medium to fast

**Ornamental Characteristics:**

**Flower:** 2”-3” slender dark brown catkins

**Fruit:** not ornamentally important, inconspicuous, small nutlets inside catkins

**Seasonal Foliage Color:** glossy, Heritage® is light green in summer, Dura-Heat™ is dark green, both turn yellow in fall

**Bark:** strongly exfoliating, cream and tan, Heritage® exfoliates pinkish-orange as well

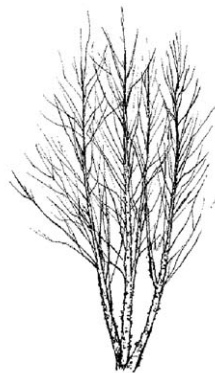
**Other:** Heritage® has larger leaves than straight species, Dura-Heat™ has smaller leaves than straight species

**Transplant Issues:** moderately difficult to transplant bare root, better success in transplanting bare root in fall, do not attempt to transplant > 2” caliper tress bare root, best planted B&B

**Management Issues:** can be low branched, may require pruning to be used as street tree

**Suggested Uses:** narrow or wide street tree lawns/pits (preferably wide lawns/pits for multi-stem form), parks

**Cultivars:** above information is specific to cultivars



**Clump Form**