

THE MORRIS ARBORETUM OF THE
UNIVERSITY OF PENNSYLVANIA
Philadelphia, PA USDA Hardiness Zone 6

The most outstanding weather information for the past year was a very hot and dry summer. This posed a challenge in trying to keep alive our newly planted hollies.

As of December 31, 2016, we have 181 taxa of *Ilex* planted in our collection. A complete list of our holly taxa is attached. See the H.S.A. website under "Gardens to Visit" for the list.

In 2016, we planted 165 plants of 10 taxa, five of which were new (*) to our collection (one plant each unless noted):

- I. aquifolium* (Balkan female)
- I. aquifolium* 'Barbarossa'*
- I. aquifolium* 'Ciliata Major'*
- I.* 'Ginny Bruner'
- I. glabra* 'Compacta'* (75 Plants)
- I. glabra* 'Shamrock' (75 Plants)
- I. integra*
- I. integra* × *aquifolium*
- I. myrtifolia**
- I. verticillata* 'Sunset' (8 Plants)

In 2016, we lost 14 plants of 4 taxa, one of which was our last (**) from our collection (one plant unless noted):

- I. aquifolium*
- I. perado* 'Pallida'**
- I. verticillata* 'Jim Dandy'
- I. verticillata* 'Winter Red' (10 Plants)

In November 2016 we made the following notes on our hollies:

Name	Accession #	Comments
<i>I.</i> 'Autumn Glow'	2005-118*A	lots of fruit but all very small this year
<i>I.</i> × <i>attenuata</i> 'Longwood Gold'	1998-215*A	bright yellow, excellent fruit
<i>I.</i> 'Emily Bruner'	1996-003*A	Bright glossy green leaves and good fruit

I. × koehneana ‘Lassie’ 2007-010*A excellent leaf with lots of fruit

I. opaca ‘Canary’ 1950-006*A dark green leaves with heavy yellow fruit

I. opaca ‘Delia’ 1948-862*B heavy fruit with dark green leaves

I. opaca ‘Halcyon’ 1949-794*B heavily fruited

I. opaca ‘Helen Makepeace’ 1948-867*A heavily fruited

I. opaca ‘Old Heavy Berry’ 1985-021*B covered in excellent fruit

I. verticillata ‘Oosterwijk’ 2003-130*A covered in excellent large fruit

I. verticillata ‘Scarlett O’Hara’ 1996-228*A a lot of fruit but all very small this year

I. verticillata ‘Winter Gold’ 2004-081*B heavily fruited

We continue our major project to review and propagate the hollies in the core of our collection, known as the Holly Slope. The main goal of this project is to perform an assessment to determine if any hollies on the slope are unusual, special, or rarely present in other major holly collections nearby, and to propagate those hollies with the eventual intention of offering specimens to other gardens and arboreta. This was completed through correspondence with the staff at the institutions that house these major holly collections. Furthermore, this project will set the stage for determining what holly plants can be removed to reduce crowding to revitalize the collection. Propagation of these plants by cuttings was undertaken in the winter of 2013-2014. During 2016 we made 107 *Ilex* shipments to 10 different recipients. These included 27 taxa, 239 plants, and five batches of seed.

We have the following hollies-of-the-year:

2004 *I. crenata* ‘Sky Pencil’ – very leggy and thinning foliage

2005 *I. × koehneana* ‘Lassie’ – nice form and lovely foliage; some fruit on one plant but not on another

2008 *I. verticillata* ‘Maryland Beauty’ – two healthy masses; no fruit left at this time

2009 *I.* ‘Scepter’ – rooted cuttings in the greenhouse

2010 *I. verticillata* ‘Red Sprite’ – several masses, all healthy; no fruit left at this time

2013 *I. pedunculosa* – one plant looks good, dull green foliage / another plant looks good but with somewhat chlorotic foliage

2014 *I. × meserveae* 'Mesgolg' – foliage excellent, medium green;
no fruit left at this time

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<http://www.morrisarboretum.org/>