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THE NEW HEDGE DEMONSTRATION PLOT

A COMPLETE study of the old Hedge Demonstration Plot of the Arnold Arboretum was published in *Arnoldia* 17: 17-32, April 12, 1957. Most of those hedges had been growing on the site by the Bussey Building since 1936. However, when the Charles Stratton Dana Greenhouses were erected in 1962, a hedge demonstration site was prepared in this newly developed greenhouse area. Some of the hedges were moved to the new site, the old one being abandoned. The hedges which were moved are marked with asterisks in the following list.

The majority of the hedges for the new site were made from plants bought or given to the Arnold Arboretum in 1962 or 1963 specifically for this purpose. Most were plants 1½-5' tall. Nearly all of the deciduous ones among these were cut to within a few inches of the ground as soon as they were planted in hedge formations and the few older deciduous hedges which were moved from the old site were treated similarly. The evergreen hedges, of course, were not pruned back so severely when they were transplanted. The measurements here given were taken in November 1964, after two full growing seasons.

The peculiar plan for this new site was made necessary because of an underground drain. This is flanked on either side by a right of way reserved by the City of Boston to allow for possible alterations of the drain at some future time.

Hedges planted 1963

* = Moved from old Hedge Collection. The remainder were planted as young plants in 1963.

	Map Location	Measurements in Feet Height	Width
<i>Acanthopanax sieboldianus</i>	48a	3	1
<i>Abies concolor</i>	28	1½	2
<i>Acer campestre</i>	13	1½	1
* <i>Acer ginnala</i>	14	1½	2
<i>Acer saccharum</i> 'Globosum'	59b	1½	1½

	Location	Height	Width
<i>Berberis mentorensis</i>	49a	1½	1
<i>B. thunbergii</i>	49c	1	1½
<i>B. thunbergii</i> atropurpurea	49b	1½	1
<i>B. thunbergii</i> 'Crimson Pygmy'	44	½	1
<i>B. thunbergii</i> 'Erecta'	38b	1	½
* <i>B. thunbergii</i> minor	37	1	1
<i>Betula populifolia</i>	15	2	1½
<i>Buxus</i> 'Curly Locks'	16	½	½
* <i>B. microphylla</i> koreana	23	3	3
<i>B.</i> 'Tide Hill'	24a	1	1
<i>Caragana arborescens</i>	60a	2	1½
<i>Carpinus betulus</i>	1	2	1½
<i>Chaenomeles speciosa</i>	40a	1	1
<i>Chamaecyparis pisifera filifera</i>	36a	½	1
<i>C. pisifera plumosa</i>	36b	2	2
<i>Cornus mas</i> 'Flava'	63	3	2
<i>Crataegus crus-galli</i>	5	3	2
<i>C. phaenopyrum</i>	59a	2	½
<i>Deutzia gracilis rosea</i>	46a	2	1½
<i>Elaeagnus angustifolia</i>	62a	2½	2
<i>Euonymus alata</i> 'Compacta'	8	1	1
<i>E. fortunei</i> vegeta	30a	½	½
<i>Fagus sylvatica</i>	6	2	1½
<i>Forsythia intermedia</i> 'Spectabilis'	65	3	2
<i>Gleditsia triacanthos inermis</i>	4	2	1½
* <i>Ilex crenata convexa</i>	25a	3	3
* <i>I. opaca</i> 'Clark'	24b	1½	1½
<i>Juniperus virginiana</i>	34b	3	2
* <i>Kolkwitzia amabilis</i>	51a	2	2
<i>Ligustrum amurense</i>	50a	2	1
<i>L. ibolium</i>	50b	3	3
<i>L. obtusifolium</i> 'Regelianum'	42	2	2
<i>L. ovalifolium</i>	43a	2	2
* <i>L. vicaryi</i>	50c	1	1
* <i>L. vulgare</i>	43b	2	2
* <i>L. vulgare</i> 'Lodense'	30b	1	1½
<i>Lonicera fragrantissima</i>	67	4	3
* <i>Lonicera tatarica</i>	61a	2	2
* <i>Malus</i> sp. dwarf	52b	3	2½
* <i>Philadelphus coronarius</i>	61b	3	3
* <i>P. lemoinei</i> 'Erecta'	38a	2	2
* <i>Physocarpus intermedius parvifolius</i>	47a	2	1
<i>P. opulifolius</i>	47b	3	2½
<i>Picea abies</i>	21	2	3
* <i>P. omorika</i>	33b	3	4

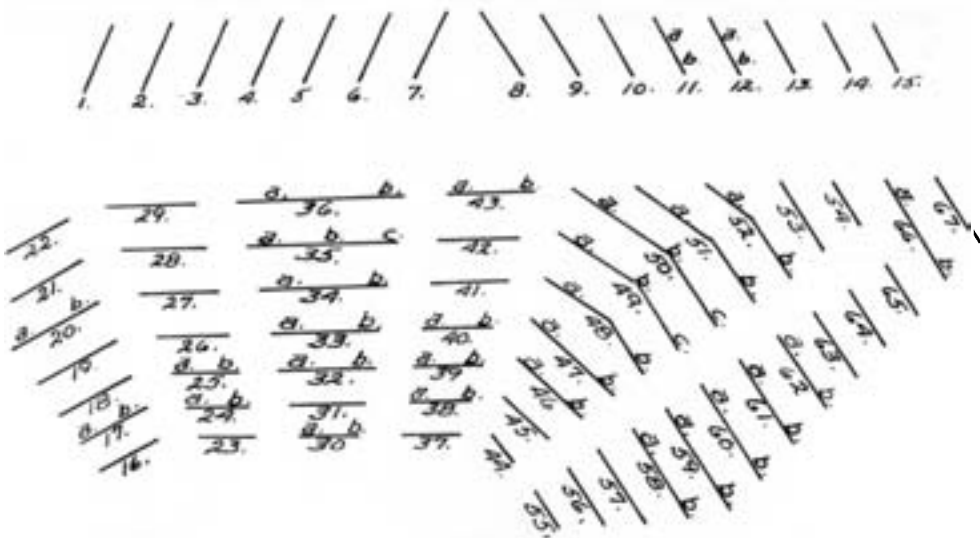


PLATE IX

The new Hedge Demonstration Plot at the Arnold Arboretum, photographed Nov. 17, 1964.

	Location	Height	Width
* <i>Picea orientalis</i>	33a	3	3
* <i>P. pungens glauca</i>	32b	4	4
<i>Pinus mugo prostrata</i>	39a	1	1
<i>P. strobus</i>	22	3½	3
<i>P. sylvestris</i>	29	4	3½
<i>Potentilla fruticosa grandiflora</i>	56	2	1½
<i>Prinsepia sinensis</i>	51b	1	1
* <i>Pseudotsuga menziesii glauca</i>	32a	4	4
<i>Quercus palustris</i>	10	2	1½
<i>Rhamnus cathartica</i>	11b	1	1
<i>R. frangula</i>	11a	2	2
<i>R. frangula</i> 'Columnaris'	54	4	2
<i>Rhododendron yedoense poukhanense</i>	58b	1	1
<i>Ribes alpinum</i>	41	3	2½
<i>Rosa rugosa</i>	57	3	2
<i>Salix pentandra</i>	48b	3	2
<i>Spiraea bumalda</i> 'Anthony Waterer'	46b	2	2
* <i>S. prunifolia</i>	64	2	2
<i>S. vanhouttei</i>	53	2½	2
* <i>Syringa chinensis</i>	12a	2	2
* <i>S. laciniata</i>	60b	2	2
<i>S.</i> 'Vestale'	12b	1	1
* <i>Taxus cuspidata</i>	19	4	4
* <i>T. cuspidata nana</i>	31	1½	4
* <i>T. media</i> 'Hatfieldii'	20b	3	2½
* <i>T. media hicksii</i>	20a	3	5
* <i>Thuja occidentalis</i>	35a	4	4
* <i>T. occidentalis</i> 'Globosa'	17a	2½	4
* <i>T. occidentalis</i> 'Pumila'	17b	2	2½
* <i>T. occidentalis</i> 'Robusta'	35c	3½	3½
* <i>T. occidentalis</i> 'Spiralis'	35b	5	2
* <i>T. plicata</i>	18	3	3½
<i>Tilia cordata</i>	3	2	2
<i>Tsuga canadensis</i>	27	2	1½
* <i>T. canadensis</i> 'Compacta'	25b	3	2
<i>T. canadensis</i> 'Stricta'	39b	1	1
<i>T. caroliniana</i>	26	1	1
* <i>Ulmus parvifolia</i>	62b	2	1
<i>U. pumila</i>	2	4	2
* <i>Viburnum dentatum</i>	66b	2½	2
* <i>V. prunifolium</i>	66a	1	1
<i>V. trilobum</i> 'Compactum'	52a	2	1½

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