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# **II INTERNATIONAL SCIENCE CONFERENCE ON SCIENCE AND PRACTICAL TECHNOLOGIES**

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BIOLOGICAL SCIENCES

**THE ROSE NAMED AFTER THE MOST INFLUENTIAL  
GARDENERS OF THE 20TH CENTURY GRAHAM  
STUART THOMAS**

**Nakonechniy Yaroslav**

Student of Faculty of Natural and Geographical Education and Ecology  
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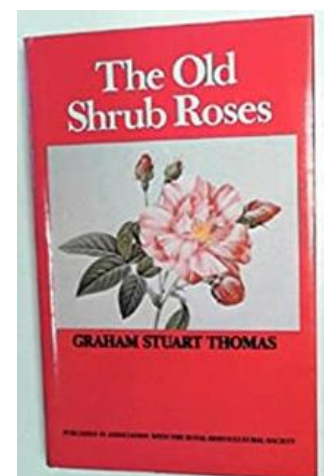
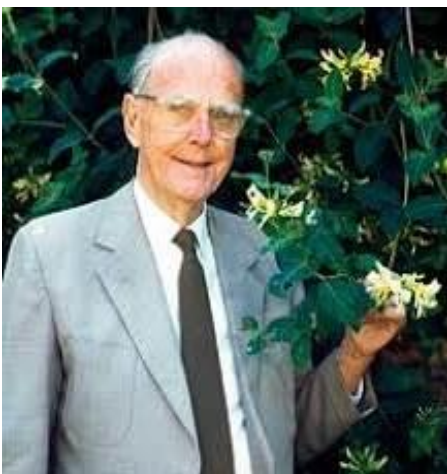
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*A garden is mainly...a space around which interests  
can be accumulated.  
Graham Stuart Thomas*

Graham Stuart Thomas was an English botanist, best known for his work with garden roses, his restoration and stewardship of over 100 National Trust gardens and for writing 19 books on gardening, many of which remain classics today (Fig. 1). In his obituary in *the Los Angeles Times*, Clair Martin, rose curator of Huntington Botanical Gardens said: "Thomas set about preserving the heritage of old roses when many of them were on the verge of extinction" [14].

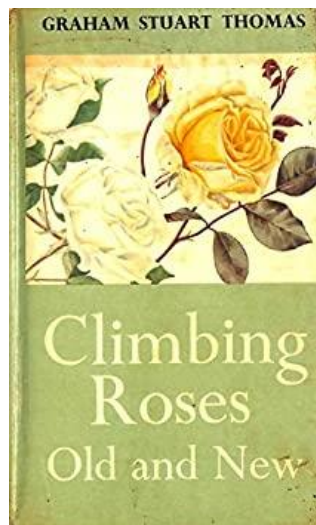
For 20 years, Stuart Thomas worked as Gardens Adviser to the National Trust, shaping the future of historic gardens such as Mount Stewart, Sissinghurst, and over 100 more. But it was at Mottisfont Abbey that his rose collection found its home – it was his 'masterpiece' and Stuart Thomas' iconic book *The Old Shrub Roses* (1955)



**Fig. 1. Graham Stuart Thomas. Fig. 2. *Lonicera periclymenum* 'Graham Thomas'. Fig. 3. Iconic book.**

remains an authoritative guide (Fig. 3). Like many notable figures in the world of gardens he is immortalised in the name of plants; *Lonicera periclymenum* 'Graham Thomas' (Fig. 2) and the 1983 David Austin rose 'Graham Thomas' (Fig. 3, 4) are just two of many [5].

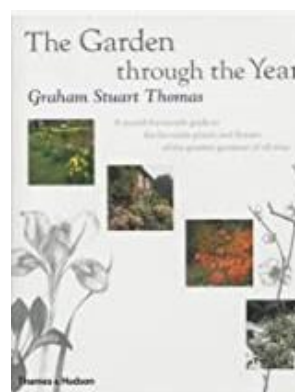
**Lonicera periclymenum Graham Thomas** is a lovely pale cream to lemon yellow fragrant honeysuckle with ovate, mid green leaves and twining stems. *Lonicera* varieties, named after the 16th century German botanist, Adam Lonicer, vary enormously. Native to the northern hemisphere, they are all hardy and vigorous climbers and, considering the habit of our native Woodbine, suit cottage garden situations. *Periclymenum* translates as 'twist around' referring to the twining habit of the stems [22], see Fig. 1, 2.



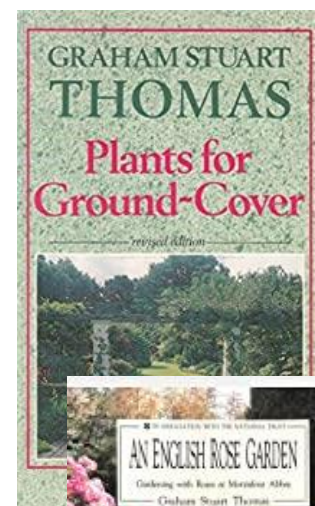
**Fig. 4. With the rose 'Graham Thomas'. Fig. 5. Book 'Climbing Roses' Fig. 6. The 'Graham Thomas' Rose by David Austin.**

It's a short list with his books:

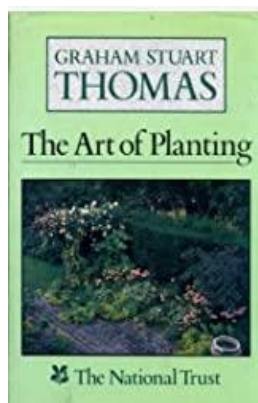
- 1955 : Old Shrub Roses (Fig. 3).
- 1962 : Shrub Roses of Today
- 1965 : Climbing Roses, Old and New (Fig. 5).
- 1975 : Perennial Graden Plants (Fig. 8).
- 1977 : Plants for Ground Cover (Fig. 10).
- 1984 : The Art of Planting (Fig. 7).
- 1999 : Treasured Perennials.
- 2002 : The Garden Through the Year (Fig. 9).



**Fig. 9. The Garden... Through the Year.**



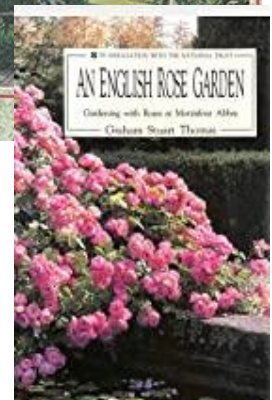
**Fig. 10. Plants for Ground Cover (1977)..**



**Fig. 7. The Art of Planting. Fig. 8. Perennial Graden Plants.**



**Fig. 11. The English Rose Garden.**





In an appendix to "The Complete Flower Paintings" (1987), Thomas Stuart Thomas identified the more than 600 plants he had propagated by then.

Graham Stuart Thomas, a horticulturalist, author and botanical artist who was considered by many garden experts as one of the most influential gardeners of the 20th century.

Thomas was born in Cambridge (England) in 1909 into a family of amateur gardeners and musicians. He sang with a madrigal group for 40 years.

For his sixth birthday he was given a fuchsia which sparked his love of plants. By the time he was eight he had decided to become a gardener. At 17, he became a volunteer at the Cambridge University Botanic Garden (Fig. 12, [2]), which allowed him to attend campus lectures on botany and horticulture. [28]. Here he gained practical and theoretical knowledge that would become the foundation of his career and worked on a design project for the rose garden there.



Fig. 12. The Cambridge University Botanic Garden.



Fig. 13. The Graham Stuart Thomas rose.

The 160-year-old collection of plants at Cambridge provided him with a plant vocabulary of some 8,000 species.

Thomas's first important publication about roses was a booklet called "The Manual of Shrub Roses", describing all the varieties, with advice on cultivation. In the foreword he described the booklet's aim as: "To bring forth these lovely things from retirement" [8].

His classic books on roses – "Old Shrub Roses" (1955), "Shrub Roses of Today" (1962) and "Climbing Roses Old and New" (1965) followed and provided information about the history of the genus [8; 29] (Fig. 3, 5).

Within four years he was foreman at T. Hilling & Co, a 300-acre wholesale nursery in Surrey, where he met **Gertrude Jekyll** (1843–1932) [6], already famous for her artistic use of color in the garden. Jekyll became a mentor to Thomas and gave him a way of looking at his own work [28].

Gertrude Jekyll (Fig. 14), the legendary British horticulturalist and designer whose remarkable designs and subtle, symbiotic approaches to color and form can be felt in gardens worldwide. Without Jekyll, the modern garden wouldn't exist – at least, not in the way we picture it. With more than 400 gardens, 13 books, and 1,000 articles to her name, she is one of, if not *the*, most legendary green thumb in the world. Jekyll set a precedent for future gardeners to develop multidimensional approaches to their



own beds [3] (Fig. 14, 15, 16). Jekyll's signature flower borders remain her most well-known legacy, and provide a facsimile through which to understand her genius on a broader level (Fig. 15).

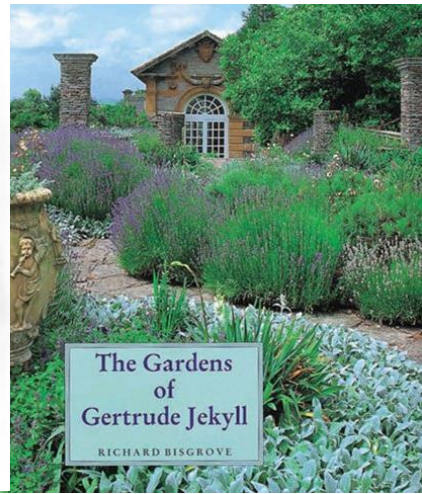


Fig. 14. Gertrude Jekyll.

Fig. 15. The Gardens of G. Jekyll.

Fig. 16. Beds by G. Jekyll.

She became a mentor to the young gardener Graham Stuart-Thomas, passing on her theories of garden design as an art. It was around this time that Thomas began to collect old shrub and climbing rose varieties, many of which had fallen out of favour because they only flowered once during the season.

Mottisfont Abbey started life as an Augustinian priory dating back to 1201. From this, it was transformed by Lord Sandys into a large house; this family also owned The Vyne, also in Hampshire, and divided their time between the two properties [23], Fig. 17, 18.



Fig. 17. Mottisfont Abbey.



Fig. 18. The rose beds at Abby.

Mottisfont is home to the National Collection of pre-1900 old-fashioned roses. The gardens were designed by Graham Stuart-Thomas, who is one of the most important figures in 20th century British horticulture, and feature over 500 varieties of old-fashioned rose. These roses only flower once a year, so we recommend to visit in June to catch them at their best [7; 23; 24], **see video** [1; 30].



Graham Stuart Thomas laid out the rose garden in the old, walled kitchen garden at Mottisfont Abbey in Hampshire; although a self-deprecating man, he called his design a masterpiece. Here he was able to show his beloved roses in companionship with herbaceous perennials, using well-balanced groupings for subtle colour and form (Fig. 19, 20, 21, 22).



Fig. 19. Graham Stuart Thomas in the garden..



Fig. 20. Climbing roses.



Fig. 21. The rose climbing over the arch. Fig. 22. Graham Stuart Thomas' "masterpiece".

*Graham Thomas* English Rose is named for the legendary gardener and rose expert, Graham Thomas **see videos** [13; 45; 47].

"Named for the British horticulturist who was one of the most influential gardeners of his time. Graham Thomas was a frequent visitor to our nursery and offered encouragement and advice. He chose this rose himself. He gathered a collection of Old Roses, which formed the basis of the National Collection at Mottisfont Abbey in Hampshire", said David Austin (Fig. 32) [9; 18].

*The Graham Thomas* Rose is a modern hybrid resembling an old rose with large, deep yellow, cabbage-like blossoms (Fig. 23, 24) [46; 49; 57].

Rosa can be deciduous or semi-evergreen shrubs or scrambling climbers, with usually thorny stems bearing compound pinnate leaves and solitary or clustered flowers. Flowers may be followed by showy red or purple fruits in some varieties.



roses are large shrubs with usually thorny stems bearing large leaves and fragrant, single to double flowers in clusters in summer, and usually also in autumn.

*Graham Thomas* is a vigorous, bushy, medium-sized shrub to 1.2m, with glossy bright green foliage and fragrant, cupped, fully double, rich yellow flowers to 11cm in width borne freely from summer to autumn [27], see **video** [13; 45; 47].



**Fig. 23. The Graham Thomas Rose.**



**Fig. 24. Rich yellow flowers.**

A description of *the Graham Thomas*, Shrub-Austin Rose, located in the Laura Conyers Smith Municipal Rose Garden, Jacob L. Loose Memorial Park, Kansas City, Missouri. This video is narrated by Rosarian, Laura Dickinson, Kansas City Rose Society. -- June, 2020 [13] -- Learn More About Roses at [www.kansascityrosesociety.org](http://www.kansascityrosesociety.org)

The roses "Iceberg" (see **video** [20]) and "Charles Austin" (**video** [40; 50]) were used by David Austin as parent roses and fathered the cultivar "*Graham Thomas*" (1983) [15], see **video** [4; 16].



**Fig. 25. Iceberg.**



**+ Fig. 26. Charles Austin.**



**== Fig. 27. Graham Thomas.**

Rosa 'Graham Thomas' probably the most outstanding of all the English Roses. Breathtaking, double 4" blooms (petals 30+) of a magnificent shade of yellow with a



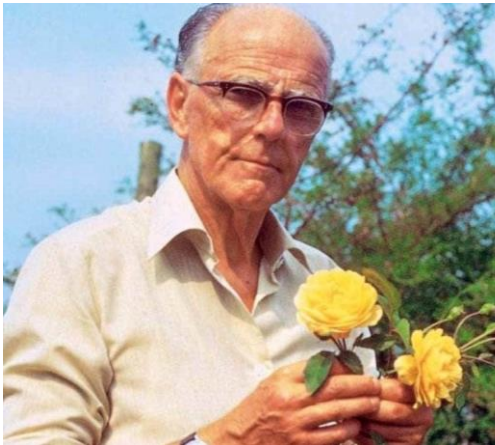
texture that makes the old rose style blooms look almost too perfect to be real, having a mild tea fragrance. A great bush, vigorous, slender, and upright. In the South it may be trained as an outstanding climber. Whether trained as a climber or grown as a bush, 'Graham Thomas' is sure to be one of the great roses of our time [12], Fig. 30, 31].



**Fig. 28.** The rose *Iceberg* in the garden.



**Fig. 29.** The rose *Charles Austin* in the garden.



**Fig. 30.** Graham Stuart Thomas with the rose "Graham Thomas" by David Austin.



**Fig. 30.** Climbing Rose *Graham Thomas*.

Thus, the yellow rose 'Graham Thomas' was introduced by English breeder David Austin back in 1983 and was an immediate success. Who could find fault with this paragon of sunshine hues? High, wide and handsome are the words most often used to describe 'Graham Thomas'. English catalogues said the plant would grow to about 1.2m but in our more temperate climate, it grows to 3m and sometimes 4m in warm areas. Blooms are loosely cupped and full-petalled – and you can expect lots of them. If fed well and treated with kindness, it will bloom well into winter. In very warm areas it has been known to bloom all through a mild winter, still producing buds in August [38], **see video** [15]. We presents the Rose 'Graham Thomas' Characteristics below.



## Rose 'Graham Thomas' Characteristics

**Family:** Rosaceae

**Genus:** *Rosa* hybrid

**Alternate Names:** English Yellow,  
Graham Stuart Thomas.

**Breeder Code:** AUSmas, Lemon Parody.

**Hybrid parentage:** *Rosa Iceberg* x *Charles Austin*

**Heat Zones:** 1–9.

**Plant Type:** Climbers, Roses, Shrubs.

**Family:** Rosa – Climbing Roses.

**Exposure:** Full Sun, Partial Sun.

**Season:** Spring (late), Summer, Fall.

**Color:** Yellow.

**Specific Color:** Deep yellow (golden yellow).

**Flower:** Full bloom flower, 8-11 cm in width.

**Flower type:** Large Double Bloom - rounded petals.

**Petels:** 35.

**Fragrance:** Strong tea fragrance.

**Height:** Medium height shrub or short climber  
(150 cm–3m).

**Spread:** 90cm–120cm.

**Spacing:** 120 cm.

**Water Needs:** Average.

**Hardiness Zone(s):** 5 (-20° to -10°), 6 (-10° to 0°),  
7 (0° to 10°), 8 (10° to 20°),  
9 (20° to 30°), 10 (30° to 40°)

**Foliage:** Dark Green Glossy.

**Scent Strength:** Strong.

**Soil Type:** Chalk, Clay, Loam, Sand.

**Rebloom:** Hardly and good repeat blooming.

**Characteristics:** Cut Flowers, fragrant, plant of merit,  
showy.

**Attracts:** Butterflies.

**Garden Uses:** Arbors, pergolas, trellises, beds and  
borders, hedges and screens, walls and fences.

**Year:** 1983

**Breeder:** David Austin (1983). [11; 12], Fig.32.

**Container growing:** Good.



Fig. 31. An apricot-pink bud.



Fig. 32. David Austin.



Fig. 33. A button eye.



Fig. 34. Flowering 'Graham Thomas'.

To conclude, this rose is yellow like an egg yolk or a dandelion and an extremely vigorous English shrub rose with a strong disease resistance and glossy, mid-green deciduous leaves. Its lax, arching growth habit and unusual flower colour makes it well suited to a cottage garden environment or for growing as a climber up a short support [25].



Hybridized and introduced by David Austin in 1983, and named for the famous rosarian, artist, musician, poet, photographer, and horticulturist 'Graham Thomas'. 'Graham Thomas' is available as both a shrub (Fig. 33) and a climber [19], (Fig. 30). The rose 'Graham Thomas' was voted the World's Favourite Rose by the World Federation of Rose Societies, and won the Henry Edland medal for fragrance in 2000.

**Fig. 36. 'Graham Thomas' standart rose.**

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