

Horticultural Forms of *Nandina domestica* Thunberg

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(with 2 Plates)

ナンテンの園芸品種について

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Recently the author studied the horticultural forms of *Nandina domestica* Thunberg in order to write and publish a volume entitled "Illustrations of Japanese Plants No. 1". He gave them new names in this volume, which he wishes to propose here as botanical names.

Nandina domestica Thunberg forma *rotundifolia* S. Suzuki, nomen nov. Fig. 1.

Segmenta foliorum rotundata, elliptica vel orbiculata, rubescens in hiemem, segmenta terminarum ca. 4 cm longa, 1.3~2 cm lata, apice rotundata, basi acuta. Fructus ruber.

Nom. Jap.: Gumbai-ba Nanten vel Maru-ba Nanten.

Hab.: Kōju-en Nursery, Angyō, Kawaguchi-shi, Saitama-ken.

This is a beautiful form with red turned leaves in winter and a very rare form. The author could see no more than one or two individuals.

Nandina domestica Thunberg forma *angustifolia* S. Suzuki, nomen nov. Fig. 2.

Segmenta foliorum lineari-lanceolata vel angusto-lanceolata, rubescens in hiemem, segmenta terminarum ca. 5 cm longa, ca. 8 mm lata. Fructus ruber.

Nom. Jap.: Yakko Nanten vel Aka-yakko Nanten.

Hab.: Kōju-en Nursery, Angyō, Kawaguchi-shi, Saitama-ken.

This is also a rare form. The author could not find elsewhere Kōju-en Nursery.

Nandina domestica Thunberg forma *viridi-angustifolia* S. Suzuki, nomen nov.

Folia viridia in hiemem. Fructus albus. Ceterae ut in forma angustifolia S. Suzuki.

Nom. Jap.: Ao-yakko Nanten vel Shiro-yakko Nanten.

Hab.: Kōju-en Nursery, Angyō, Kawaguchi-shi, Saitama-ken.

This is a white fruited form of the former, and also rare.

Nandina domestica Thunberg forma *ramosa* S. Suzuki, nomen nov. Fig. 3.

Caulis ramosus. Folia rubescens in hiemem. Fructus ruber.

Nom. Jap.: Chimoto Nanten.

Hab.: Kōju-en Nursery, Angyō, Kawaguchi-shi, Saitama-ken.

This is a naturally branched form.

Nandina domestica Thunberg forma *curvifolia* S. Suzuki, nomen nov. Fig. 4.

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Stipites segmentorum foliorum contorti. Segmenta foliorum convexa, terminarum 5~6 cm longa, 1.5~2 cm lata, rubescens in hiemem. Fructus ruber.

Nom. Jap.: Orizurn Nanten *vel* Aka-orizuru Nanten.

Hab.: Kōju-en Nursery, Angyō, Kawaguchi-shi, Saitama-ken.

This is a curved leaved form.

Nandina domestica Thunberg *forma viridi-curvifolia* S. Suzuki, *nomen nov.*

Folia viridia in hiemem. Fructus albus. Ceterae ut in forma curvifolia S. Suzuki.

Nom. Jap.: Ao-orizuru Nanten *vel* Shiro-orizuru Nanten.

Hab.: Kōju-en Nursery, Angyō, Kawaguchi-shi, Saitama-ken.

This is a white fruited form of the former.

Nandina domestica Thunberg *forma latifolia* S. Suzuki, *nomen nov.* Fig. 5

Folia biternata. Segmenta foliorum ovata, 6~7 cm longa, 3~4 cm lata, rubescens pulcherissima in hiemem. Fructus ruber.

Nom. Jap.: Goshiki-ba Nanten *vel* Otafuku-ba Nanten.

Hab.: Kōju-en Nursery, Angyō, Kawaguchi-shi, Saitama-ken. Sanki-en Nursery, Yamamoto, Takarazuka-shi, Hyōgo-ken.

This is a very beautiful form with reddish leaves in winter.

Nandina domestica Thunberg *forma parvifolia* S. Suzuki, *nomen nov.* Fig. 6.

Segmenta foliorum elliptica vel ovato-elliptica, rubescens in hiemem, segmenta terminarum 2~4 cm longa, 1~2 cm lata. Fructus ruber.

Nom. Jap.: Shina Nanten *vel* Chōsen Nanten.

This is a small leaflets form and gives pretty impression, comparatively popular in gardens.

Nandina domestica Thunberg *forma viridi-confluens* S. Suzuki, *nomen nov.* Fig. 7.

Stipites pinnarum foliorum conjugati. Laminae 15~30 cm longae, 15~25 cm latae. Segmenta terminarum angusto-elliptica, ca. 5 cm longa, 1.2~1.5 cm lata. Folia viridia in hiemem. Fructus albus.

Nom. Jap.: Ao-ikada Nanten *vel* Shiro-ikada Nanten.

Hab.: Kōju-en Nursery, Angyō, Kawaguchi-shi, Saitama-ken.

This is a white fruited form of *forma confluens* Makino.

Nandina domestica Thunberg *forma leucocarpa* (Makino) S. Suzuki, *stat. nov.*

Nandina domestica Thunberg *var. leucocarpa* Makino.

Nom. Jap.: Shiro Nanten *vel* Shiro-mi Nanten.

This is a white fruited form of typical nandin. Leaves are green in winter.

Nandina domestica Thunberg *var. capillaris* Makino *forma filifolia* S. Suzuki, *nomen nov.* Fig. 8.

Segmenta foliorum non, degenerata. Stipites foliorum 10~20 cm longi, rubescens in hiemem. Fructus ruber.

Nom. Jap.: Akabō Kinshi Nanten.

Hab.: Sanki-en Nursery, Yamamoto, Takarazuka-shi, Hyōgo-ken. Numazu-nōen Nursery, Numazu-shi, Shizuoka-ken.

This is a very rare and strange form. It grows very slow, 1 cm for a year, because

carbon dioxide assimilation is reduced. Figure shows the biggest one in Japan, it is 70 cm high.

Nandina domestica Thunberg var. *capillaris* Makino forma *viridi-filifolia* S. Suzuki, *nomen nov.*

Folia viridia in hiemem. Fructus albus. Ceterae ut in forma filifolia S. Suzuki

Nom. Jap.: Ao-bō Kinshi Nanten.

Hab.: Sanki-en Nursery, Yamamoto, Takarazuka-shi, Hyōgo-ken. Numazu-nōen Nursery, Numazu-shi, Shizuoka-ken.

This is a white fruited form of the former.

Nandina domestica Thunberg var. *capillaris* Makino forma *enshuensis* S. Suzuki, *nomen nov.* Fig. 9.

Folia 7~14 cm longa, 7~10 cm lata. Segmenta terminarum lanceolata vel lineari-lanceolata, 1~1.5 cm longa, 3~5 mm lata, rubescens in hiemem. Fructus ruber.

Nom. Jap.: Enshū Kinshi Nanten.

Hab.: Sanki-en Nursery, Yamamoto, Takarazuka-shi, Hyōgo-ken.

This is a small form of the typical nandin. This has been cultivated in Enshū province since more than one hundred years ago.

Nandina domestica Thunberg var. *capillaris* Makino forma *linearifolia* S. Suzuki, *nomen nov.* Fig. 10.

Folia 15~20 cm longa, 20~25 cm lata. Segmenta terminarum linearia, 4~6 cm longa, 3~4 mm lata, rubescens in hiemem. Fructus ruber.

Nom. Jap.: Orihime.

Hab.: Numazu-nōen Nursery, Numazu-shi, Shizuoka-ken.

This is a very narrow leaflets form, and very rare.

Nandina domestica Thunberg var. *capillaris* Makino forma *flexuosa* (Makino) S. Suzuki, *stat. nov.* Fig. 11.

Nandina domestica Thunberg var. *flexuosa* Makino.

Nom. Jap.: Kinshi-tsuru Nanten.

Petiolules are twisted like tendrils. Leaves are reddish in winter. This is a rare form, the author observed in Sanki-en Nursery.

Beside these the author could recognize their existence of living specimens of the following forms as of 1965, *forma rubro-bambusana* Makino Fig. 12. (Sasa-ba Nanten or Sasa-ba Akami Nanten), *forma albo-bambusana* (Ao-sasa-ba Nanten, Shiro-sasa-ba Nanten or Sasa-ba Shiro-mi Nanten), *forma confluens* Makino (Ikada Nanten or Aka-ikada Nanten), *forma aurantiaca* Makino (Urumi Nanten) and other some uncertain forms.

There were more than one hundred forms in cultivated fields before World War II. It seems that most of them were lost during the war. It is very important that we do our best to maintain the various forms that have been developed.

The author expresses his sincere thanks to Dr. Masaji Honda for his guidance, and the owners and the keepers of these valuable forms such as Kōju-en, Sanki-en, Numazu-nōen, and Nakamura-nōen for their kind cooperation.

摘 要

著者は日本特産植物図説第1号としてナンテンの特集号を製作発行するためにその園芸品種についての現状を調査した。この調査はおもに日本における園芸の中心地ともいべき埼玉県川口市安行、京都市鳴沢、大阪府池田市および兵庫県宝塚市山本などでおこなわれた。静岡県浜松市附近などまだ調査を要するところが残ってはいるが、一応江戸時代以来存続してきたナンテンの園芸品種のいくつかが現在でも保存されていることが確認できたのでここに報告しておきたい。しかし、第二次世界戦争の前までは100以上の園芸品種の存在が記録されているから、その大部分は戦争の犠牲になったと考えなければならない。せめて現存するものだけでも完全に保存したいものである。しかし現状は個体数が極めて少ない品種が多く強力な対策が望まれる。なお、牧野先生によって命名された紫色の実がなるというムラサキナンテンは大新聞の協力を得て探したが見つからなかった。

グンバイバナナンテンは一名マルバナナンテンともいわれ、小葉が円頭の品種で冬期の紅葉が美しい。ヤッコナンテンは小葉が狭い品種でキンシナンテンの母系といわれる。著者は山本でキンシナンテンの実生品のなかにヤッコナンテンに非常によく似たものがあるのを見た。赤実と白実とがある。チモトナンテンは自然によく分枝する品種である。オリヅルナンテンは葉の中軸が弯曲し小葉が凸面になる。赤実と白実とがある。ゴシキバナナンテンはオタフクバナナンテンともいい葉が二回三出である。冬季の紅葉が美しい。シナナンテンすなわちチョウセンナンテンは比軸的ふつうにある小葉の小さい品種である。イカダナンテンは小羽軸が羽軸にゆ着して筏状になる品種で赤実と白実がある。その他シロミナンテンや果実が黄色いウルミナンテンがある。キンシナンテンは矮性で茎の中部でも分枝する鉢植向のものをいうが、これにはボウキンシ(赤実と白実がある)、エンシェウキンシ、オリヒメ、キンシツルナンテンなどがあった。

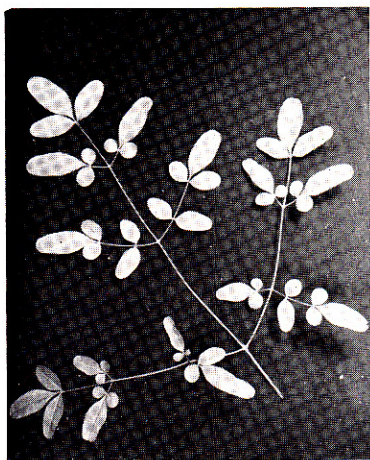


Fig. 1. *Nandina domestica* Thunberg
forma rotundifolia S. Suzuki
ガンバイバナンテン, マルバナンテン

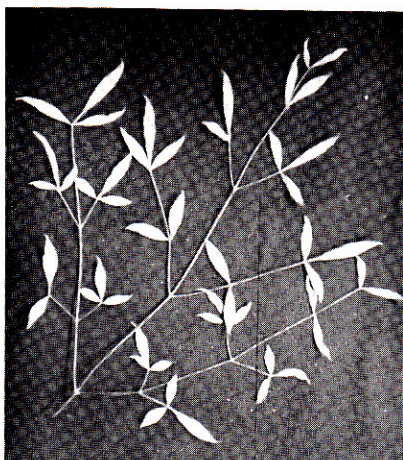


Fig. 2. *Nandina domestica* Thunberg
forma angustifolia S. Suzuki
ヤッコナンテン



Fig. 3. *Nandina domestica* Thunberg
forma ramosa S. Suzuki
チモトナンテン

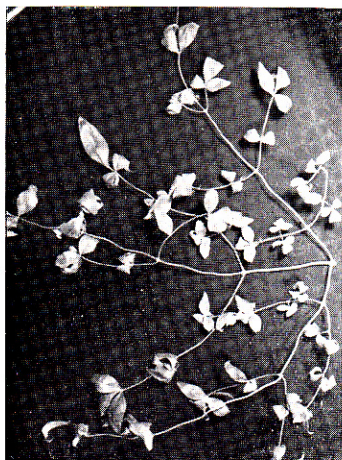


Fig. 4. *Nandina domestica* Thunberg
forma curvifolia S. Suzuki
オリヅルナンテン

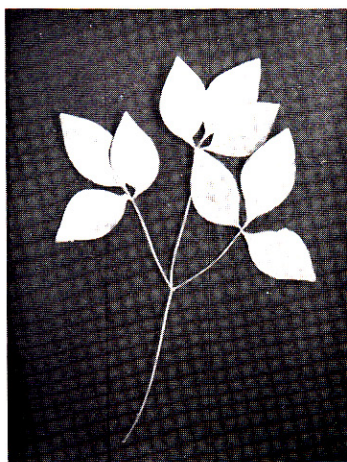


Fig. 5. *Nandina domestica* Thunberg
forma latifolia S. Suzuki
ゴシキバナンテン, オタフクナンテン

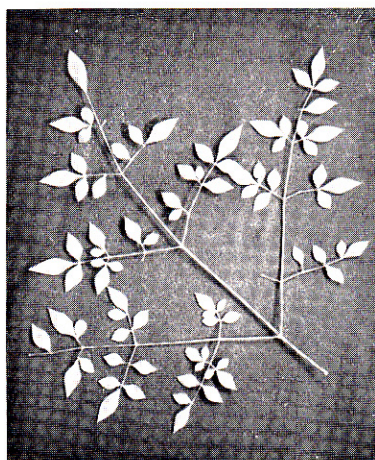


Fig. 6. *Nandina domestica* Thunberg
forma parvifolia S. Suzuki
シナンテン, チョウセンナンテン

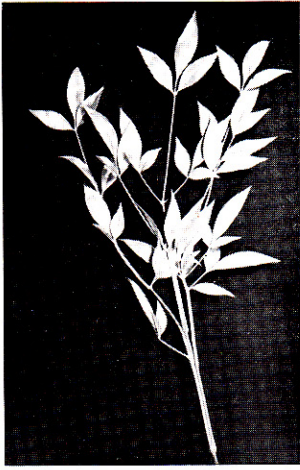


Fig. 7. *Nandina domestica* Thunberg
forma *viridi-confluens* S. Suzuki
アオイカダナンテン



Fig. 8. *Nandina domestica* Thunberg
var. *capillaris* Makino
forma *filifolia* S. Suzuki
アカボウキンシナンテン



Fig. 9. *Nandina domestica* Thunberg
var. *capillaris* Makino
forma *ensuensis* S. Suzuki
エンシュウキンシナンテン

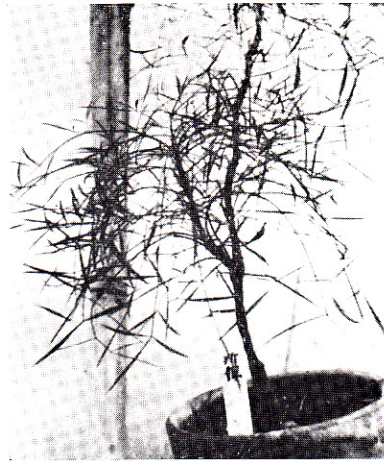


Fig. 10. *Nandina domestica* Thunberg
var. *capillaris* Makino
forma *linearifolia* S. Suzuki
オリヒメ



Fig. 11. *Nandina domestica* Thunberg
var. *capillaris* Makino
forma *flexuosa* (Makino) S. Suzuki
キンシツルナンテン



Fig. 12. *Nandina domestica* Thunberg
forma *rubro-bambusana* Makino
ササバナンテン