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THE NEWSLATISR OF THE STBERTAN, SPURIA and JAPANESE LITS GROUP of the British Iris Society

No. 7 June 1980

THE OBJECTS OF THE GROUP

- 1. Communication between members in Great Britain and Overseas.
- 2. A means of exchanging ideas, plants, seeds etc.
- To assist beginners in growing Iris and to offer help with problems.
- 4. To report on Hybridisation.

EDIPORIAL

Ernest G. B. Luscombe did a great deal of research in 1965, when he wrote 'Iris Species Identified' for the B.I.S. Year Book.

Doris Hansford included them in her description 'The Iris in Art' in 1963. Eric C. R. Winston in Australia wrote about them in 'Species in and around Melbourne'.

Hans Herbert Frohn described the Hybrids of Dr. Hirao at Hamburg in 1966. Dr. Hirao also wrote about their cultivation in the Year Book.

The late Angela Marchant took up the challenge around 1968, and went on to write a booklet for the B.I.S. called 'Irises for the Water Garden'.

The late Donald Patton listed them in his 'top twenty' in 'Wild Ones for the Garden' in 1975.

As you will probably have guessed, it is I.Laevigata and I.Kaempferi that were the main subject under review.

In this News Letter we have printed the excellent article by Mr. Akira Horinaka, written for the B.I.S. Year Book 1978.

Mr. Akira Horinaka is the President of the Japanese Iris Society and his clear description most certainly takes us into the world

of 'Iris Grown in Japan'.

These Irises like wet conditions, so if you have'nt got a pond, get out your old buckets, baths, tubs, sinks in fact anything that will holdthe moisture, allow drainage, sink them into the garden and you are away. Start with I.Laevigata and progress towards f.Kaempferi (Higo Strain), they are called 'Clematis dlowered' and they really are most exotic.

ADINATIAL - Cont'd.

Write in and tell us how you fare, I am sure you will say how beautiful they are.

I have had to leave out the Terminology list, due to lack of space, will remedy this in January.

Happy Gardening, do'nt work too hard.

J.T.

CHAIRMAN'S Larra

Dear Fellow Members.

I would like, first of all to thank our N/L Editor for all her hard work, and to congratulate her on the splendid January issue. It was most welcome, reminding us of the good things to come when the dark days of Winter are over.

We are now well into the Iris season, with it's Shows and Garden Visits. The days are hardly long enough to allow for all the things to be done in the garden.

I am looking forward to a good show of Sibiricas and Spurias, but I still have not discovered how to make my I.Kaempferi bloom, any hints would be most welcome. I do not think we have yet had an article on the basis of growing this lovely flower.

All good wishes for a very successful Season.

Hilda Goodwin. Hon. Chairman.

(Spare my blushes, dear Madam Chairman, but thank you, I really do enjoy preparing this News Letter and find our members so enthusiastic and helpful. Ed.)

My Irises by Jack Venner.

My association with Water Irises began when I was 7 years of age. My Father built a small pond in our garden near Shooters Hill on the outskirts of Laborator. I remember a blue Iris, which I am sure was I.Laevigata.

At the start of the War my parents moved to Grappenhall in North Cheshire, I stayed behind with a retired Headmaster and his wife. In their garden was a very well-balanced pool with Goldfish 15 years old and some I.Laevigata of a much darker shade than the common form, they were probably the variety known as Atropurpurea. They grew and flowered happily in the shallow areas around the margin of the pond. I took over the management of this pond which survived the bombing and was still flourishing in 1948 - the year I got married.

My Irises by Jack Venner - Cont'd.

My wife and I lived with my widowed Mother-in-Law long enough to establish a good in Upper Belvedere. We moved again to Bexley Heath where we built a 12ft x 9ft pend which we stocked with plants including our original I.Laevigata.

Moving again to the Erith/Bexley Heath border, during the next 22 years we made a much bigger pond, and extended our Irises to include I.Laevigata Albo-Purpurea, white flowers mottled blue, very free flowering and a rapid grower, 'Colchester' a lovely white Laevigata, % of the petals covered in deep purple, sadly this did not survive. 'Snowdrift' was a beautiful white, a strong grower, increasing moderately, flowers very large...more Kaempferi in appearance than the others.

'Rose ween' (probably a Hybrid form) grew best in shallow water, an outstanding plant, it grows even better in 'bog conditions'.

My one regret is that I did not grow Elegantissima (Variegata), it is worth growing for it's foliage alone. At Wisley it has overflowed from the lake and is now growing in the paths.

Having been associated with pends for most of my life, it may seem surprising that I have not built one yet in my present garden. Actually, a plan has been 'on the drawing board' for some time, but my enthusiasm has been blunted by the fact that this part of Essex is 'heron' country, and I cannot imagine a pend without fish. I can evercome this with netting, so eventually I hope to have the pleasure of starting again and then I will have the beauty of I.Laevigata and I.Kaempferi to enjoy.

IRISES IN JAPAN by ALIKA HORINAKA

(Reprinted by kind permission of the British Iris Society from 1978 Year Book)

In Japan seven iris species grow wild: Ii. laevigata, sanguinea, ensata (kaempferi), setosa, rossii, gracilipes and japonica.

Among all the iris species in Japan, I. laevigata is known to be the oldest as it is mentioned in the Japanese traditional poems during the Nara era (710-793), and it has been loved by the people since the Heian era (794-1192) when Kyoto was the capital of Japan. It can be found in the middle of Honshu Island up to Hokkaido Island. In the swamp of Ohtanosawa and the lake of Mizorogaike in Kyoto, I. laevigata is a Government protected species. Some can be found occasionally in Tottori and Shimane prefectures and more in Unzen in Kyushu Island.

IRISHS IN JAPAN by AKIMA HOLINAKA - Cont'd.

Horticulturally, about twenty forms are known today. The most famous and distinctive forms among them are 'Orizuru' with three petals and 'Maizuru' with six petals. The former was loved by Emperor Koukaku (1779-1816). The variegated-leaf form of I. laevigata is of great beauty. Cultivated clumps of this species can be found in the gardens of the Heian shrine and the Umenomiya shrine in Kyoto, while the people who have small ponds in their gardens prefer the cultivars of I. ensata (kaempferi). Today breeding of this species is attempted by a few iris lovers including the author. I have produced tetraploid forms using colchicine. In 1966 I was successful in getting seeds from a cross between I. versicolor kermesina and a red form of I. laevigata. This hybrid has branches and the flower shape is similar to I. versicolor, but the colour is deep red unlike that of the parents. Today the name of I. sanguinea is well known. It grows on the plains in mountain areas so that it was not known until 1681, when it was mentioned in the literature for the first time. Around 1870, five named cultivars were known but it seems that the names were given to wild forms of the species. Today, the most common ones are white and violet in colour, and some are dwarf forms. There are some differences in the forms grown in a local area. In 1956, 'Sujiiri-ayame' and 1958 'Buchizaki-ayame' were found, the colour of the former being white with violet lines and the latter, white with violet variegations. A lavender-bink form was recently found in Akita prefecture. I. sanguinea is widdy grown today in private gardens.

My first experience with siberian iris was when I imported 'White Swirl' from the late Mr. Frederick Cassebeer in the U.S.A. Since then I have been collecting modern cultivars of siberian irises from Great Britain and the United States. My collection immediately attracts visitors, and, gradually, many siberian irises are getting distributed all over Japan. In 1971, I obtained seeds from a cross between siberian irises and I. setosa. This hybrid bloomed in 1974 and the flower is similar to a siberian iris while its habit is similar to I. setosa.

The cultivated variety of I. ensata (keempferi) is famous as 'the Japanese Iris'. It is the one developed from I. ensata Thunb. var. spontanea Nakai grown wild. Most of the botanical gardens in Japan grow Japanese iris, and making Japanese iris gardens is very popular these days.

IRISUS IN JAPAN by AKIMA HOMINAKA - Cont'd.

sometimes as clumos.

I. ensata has two forms with variegated-leaves, both having flowers of the wild form, one turning to green in autumn and the other keeping variegated-leaves till winter. Hybrids of I. pseudacorus and I. kaempferi were obtained by three breeders, the first one, which bloomed in 1962, by Mr. Oosugi. The colour is cream-yellow and the form is in between the two, though showing somewhat greater resemblance to the pod parent. I. setosa grows wild in extremely cold areas such as the highlands of the middle and northern parts of Honshu and Hokkaido. There are two varieties known in Japan: var. hondoensis Honda in Kirigamine in Nagano prefecture and var. nasuensis Hara found recently in Wasu in Tochigi prefecture. Both of them are large in flower and form. The former has a deep violet colour with a form like that of I. laevigata, and the latter has a blue-violet colour. White forms and pink forms of I. setosa are found occasionally in Honshu and Hokkaido, and recently a red form has been reported. This species grows also in the warmer part of Honshu. However, in soite of the fact that this flower is very attractive, we seldom find the plant in ordinary gardens. A hybrid of I. setosa and I. laevigata, which I produced, bloomed in 1977. This attempt was made to try to decide whether var. hondoensis is a hybrid of I. laevigata and I, setosa, or just a variety. The hybrid turned out to be intermediate in shape and with long standards, unlike the typical I. setosa. The crest was of the type of I. laevigata. In Japan I. rossii grows wild in the southern part of Honshu and in the northern part of Shikoku Island and Kyushu. This iris, found in Thime prefecture in Shikoku, is famous as a 'symbol flower' of the prefecture. It is quite difficult in transplanting and cultivation, and is cultivated only by aloine flower-lovers in Japan. It is reported that a white form has been found. I. gracilines grows wild mainly at the foot of the mountains on the Japan sea side of Honshu and also in Chikoku and Kyushu. It is cultivated more by alpine flower-lovers than in the botanical gardens. It is planted in pots, and pots carrying twenty flowers have been seen at exhibitions. The white form is attractive; the 'Blue Rose' semi-double form was imported from abroad. I. japonica is seen growing wild in some places, and is thought to have been brought from China in ancient times. The ones found in Japan are triploid and sterile. They are grown in ordinary gardens,

Idlama IN JAPAN by AKINA HOMINAKA - Cont'd.

Clumps of I. japonica are successfully grown in Takarazuka Botanical Garden in Hyogo prefecture. The variegated-leaf form of this species is particularly charming. A few years ago, a Taiwan form was imported. It is very interesting that a hybrid ('Bourne Graceful') of 'Ledgers variety' and 'Capri form' was bred by Dr. J. R. Ellis in England. Now, I would like to mention briefly some well-known irises other thanthe species which grow wild in Japan. I. tectorum was introduced from China before the year 1563 and planted in ordinary gardens in Japan. The white form is attractive and variegated-leaves are found occasionally. The crestedirises, including I. wattii, have been imported from abroad and I. cristate is well-known among alpine flower lovers.

I. florentina is said to have been brought to Japan in 1867. It is planted in rany gardens in Hyogo prefecture and is also known as I. albicans in our country.

It is said that I. pseudacorus was imported into Japan in 1897. Today it is naturalized in wet fields and marshes. In the northern area wild clumps of I. pseudacorus are found in Tyshiri Island of Hokkaido. A mutationwhich is nearly white was found in Akita prefecture and in Hokkaido, and some iris-lovers collected these plants and developed an almost pure white form from them. 'Golden Queen' and some forms from Ingland are being grown by enthusiasts in Japan. There are two double forms, and an attractive form with variegated-leaves.

The irises introduced from Korea and China after I. tectorum (which I have mentioned) were as follows: I. pallasii (biglumis), which is well-known and to be seen in botanical and private gardens. I. ruthenica, cultivated mainly by alpine flower-lovers. The iris sometimes grown under the name of I. uniflora seems to be a dwarf form with the short-stem of I. sanguinea. I.thunbergii Lundst. (I. kamayama Makino) is said to have been imported at the same time. This is very similar to I. sanguinea with a brilliant colour and is cultivated widely for cut flowers. I. minuta (I. minutoaurea Makino) and I. tigridia are cultivated by alpine flower-lovers. The herb garden located in Mo (Tokyo) in 1638 became the foundation for the Koishikawa Botanical Garden, which was founded in 1875 and is the oldest botanical garden in our country. In this garden several irises from abroad were cultivated. One of them was I. pallida which was imported in about 1890.

IRISAS IN JAPAN by AKIRA HORINAKA - Cont'd.

At this period the irises brought from abroad which are well-known were L. tingitana, I. pumila, L. chamaeiris and I. susiana (I. susiana was imported for sale in large quantities after World War II.) Other species imported before World War II were L.fulva, I. ochroleuca, I. xiphium, I. xiphioides and I. unguicularis. Today, Dutch irises are very popular as cut flowers. Very old cultivars of bearded irises are planted in various parks and private gardens. Several old cultivars of bearded iris were collected by Chiba University and by a few iris enthusiasts.

At present, irises seen in our public gardens are those collected from abroad which are well-known there, and those that grow wild in Japan. For example, I. gracilipes and I. versicolor and many cultivars of Japanese Irises can be seen at Kyoto Botanical Garden. In gardens of many iris lovers, irises of various types are planted according to their interests, such as bearded irises, siberian irises, spuria irises, Louisiana irises, Pacific Coast irises, Juno irises, bulbous irises, Regelia irises, Oncocyclus and Arilbreds. Actually, cultivars of Tall Bearded irises are the most popular.

Tall Bearded irises which were imported a little after World War II, attracted people by their beauty. Since then the author has imported many of the modern cultivars. In order to extend interest in Tall Bearded and other irises, we organized the Japan Iris Society in 1967. The opening ceremony was held in the Kyoto Botanical Garden's Hall. Dr. Y. Tsukamoto, a Professor of the Horticulture Dept. of Kyoto University, was present as a representative of the Botanic Garden. Dr. K. Tomino, a Professor of the Education Dept. of Mie University, gave an address and the author a lecture. About thirty people were present at the meeting including Dr. S. Kitamura, a Professor of Botany at Kyoto University at the time. Messages of greeting were sent by Mr. Harry Randall, a past President of the British Iris Society and Mr. Hubert Fischer who was President of the American Iris Society. Since then we have been making efforts to publicise irises by holdi g meetings and annual exhibitions at department stores and other places. Flowers shown in the exhibitions were brought by the members including myself and by the Kyoto Botanical Garden. The aim of our Society was to develop an interest in all kinds of irises, but most of the members are interested mainly in Tall Bearded irises and f.D.s have become very popular and wellknown.

InIshi IN Japan by akina Hominaka - Cont'd.

Following this, siberian irises and Louisiana irises are getting more popular and I am making an effort to popularise other irises and hope to have some success. It was very helpful to us to have lectures from the American Iris Society. I shall keep up the effort to widen the interest in irises but it may take a long time.

Finally I hope that all iris lovers will have a good flowering season each year!

PASTON NOTTHE'S THEPTHE PARM AUSPANDIA.

On I. Kaempferi, Trevor writes that the varieties he grows are the old cultivars obtained from Nurserymen in Australia. There are several other suppliers who have new novelties, mainly to satisfy collectors and breeders in the Eastern States especially New South Wales, where the warm wet summers are nearer to the Japanese climate. Provided that the weather does not vary too greatly towards the too end of the thermometer, they grow well enough, here in Stirling. Control of 'thrip is important, as the heaviest flights seem to occur just as the buds are unfurling. 'Fascination', 'Pastel Princess' and the bestroot red 'Imperial Palace' seem to be the worst hit. This last is my special favourite, as it is the epitome of the Marhigo strain --- very large (10" or more across), velvety texture, sumproof colour, good bud count and strong growth.

I soray several times, prior to 'bud-burst' with Rogax or Metasystox. It is important to soray early as damage to the exposed petal tips can occur if the soray touches them followed by strong sunshine. So far I have not fertilized any of the Japanese Iris, but I have mulched with 6" of pine needles.

The old leaves are left until they 'brown off' before I cut them down. They look untidy but it is the method that the experts advise. It is usually mid-winter before they are really dead, and already by that time the tips of the new fans can be seen at the base of the clumps.

Our Japs: grown in two areas where the soil is really wet. The first area is where our septic system soakage area is, they grow very well here along with I. Delavayii, I. Mirza Citronella, Hosta Sieboldii Glauca, I. Louisiana Hybrids and Azaleas. The area is exposed to full sun.

The second area is where our bath water runs into the garden via a very narrow channel.

This goes under a pair of Walnut Trees and is interplanted with Iris Raempferi Hybrids, Helleborus Foetidus, Miscanthus Sinensis 'Zebrina', hardy ferns and a few self-sown Aquilegia Alpina and Californica. The apparently primitive drainage arrangements suit me just fine, as our tap-water is too expensive to waste just pouring it out to sea.

I am glad we live in one of the less 'civilized' areas of our city... Along with 'Imperial Palace' my favourite cultivars are 'Island Paradise' a double white with heavy beetroot hem, the white veins radiating over the margin. 'Sopi-no-Roi' is similar but a single form. 'Imperor' is a lovely double deep blue with good velvet texture and small yellow flash.

(Thank you Trever, nice to hear your news. Many thanks for the seed you kindly sent for the seed Bank. Ed.)

THE CHOUP LIBRARY

Copies of the following American publications are obtainable from the Hon. Librarian, Mrs. J. Hewitt, Haygarth, Cleeton St. Mary, Cleobury Mortimer, Kidderminster:-

Newsletter of the Bouria Iris Society.

Reviews of the Jociety for Japanese Irises.

Journals of the Siberian Iris.

The Genus Iris subsection Sibiricae - B.I.S.

Alphabetical Table and Cultivation Guide to the Species ... B.I.S.

Please include postage when re westing items.

THE SEED DISTRIBUTION

The following Seed are available:-

Section Laevinatae:

I. Laevigata (Blue) 20 Pkts at 50
I. Pseudacorus Bastardii (Yellow) 5 Pkts at 50

Series Sibirica

I. Sibirica (28 Chromosomes) Blue 8 Pkts at 50
I. Sibirica (small) Dwarf form of Sanguinea 2 Pkts at 50

LIGH Co Landens

British Isles :-

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Er. C. S. Cassidy, B. L. F. R. I.B. A. J.P. 67 Bushwood Road, New, Burrey.

hrs. and Ars. O. Conley, 17 Udale Close, Ainsdale, Southport, Lancs.

Ar. L. J. Davis, 29 Fairlawn Avenue, Meole Brace, Shrewsbury, Salos.

Prof. D. A. Dixon, Sea Birches, 6 Nicholas Avenue, Whitburn, Co. Durham.

Mr. J. Elliott (Seed Dist.) 27 Welson Street, Cotmanhay, Ilkeston, Deroys. 0.3787

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NUTTUES.

Anne Blanco White has the following Iris from Wisley for sale at El each, inclusive of P. & P. (proceeds to the Group). Available on a first come first served basis from August this year. Subject to the weather (i.e. not too dry) and the time you would like them to be delivered.

Doris Hansford's 'AOD' and 'BELAGEDOWN'.
Alex Back's 'VALDA' and 'V.I.' (VeeCne).
also 'Bourne Graceful' at 23 inclusive.

Please send your order direct to:-

Mrs. A. Blanco White, 72 South Hill Park, London NW3 23N

(Anne is looking for a supply of I. 'Monspur Blue', can anyone help pleas

"JULING OF ONVILLE FAY"

In the autumn of 1978 I sent plants with this name attached to several Group members. It is the name under which I received it, but when my plant flowered in 1979 the flower was a medium blue and the falls had a white rim. From its general appearance I am virtually certain that the plant is a tetraploid, which one would expect a sibling of UNVILLE TAY to be, but I have heard from Or. Currier Mc wen that none of the UNVILLE TAY siblings which he has distributed have a white rim on the falls.

I believe that my plant is in fact SINVAR 100GL, another of Dr. McDwen's tetraploid Siberians, and it seems possible that among the plants I sent out there may be others wrongly named. If the Group members who are growing it could let me know their opinions when their plants flower, I should be very interested to hear from them.

Jennifer Hewitt.

do (West Midland) OPAN GARDAN ACTON PIGOT June 22nd

in Appeal

Due to excessive vandalism in the Friary Gardens at Newark, I am in the process of establishing another Jubilee Garden, here, in the Grange Community Centre Cardens, Radcliffe-on-Trent. If you can soare any Iris plants at the end of the season, they would be very acceptable. Please send them to: Joan Trevithick,

86a, Granthem Road, Radcliffe-on-Trent, Nottingham.

Thank You.