

THE

GARDENERS' CHRONICLE.

A Weekly Illustrated Journal

OF

HORTICULTURE AND ALLIED SUBJECTS.

VOL. XII.—NEW SERIES.

JULY TO DECEMBER, 1879.

LONDON:

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1879.

GARDENERS' CHRONICLE.

Established 1841.

A WEEKLY ILLUSTRATED JOURNAL OF HORTICULTURE AND ALLIED SUBJECTS.

No. 303.—VOL. XII. { NEW SERIES. } SATURDAY, OCTOBER 18, 1879.

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Now Ready, in cloth, 16s.,

THE GARDENERS' CHRONICLE,

Volume XI., JANUARY to JUNE, 1879.

W. RICHARDS, 41, Wellington Street, Strand, W.C.

RICHMOND HORTICULTURAL SOCIETY.

President—H.S.H. the Duke of Teck, G.C.B.

The FIRST ANNUAL AUTUMN SHOW OF CHRYSANTHEMUMS, FRUIT, VEGETABLES, &c., will be held in the Assembly Rooms of the Castle Hotel, Richmond, by the kind permission of the Proprietors, on TUESDAY and WEDNESDAY, November 18 and 19. Schedules can be obtained of

ALBERT CHANCELLOR, Hon. Sec.

1, King Street, Richmond.—October, 1879

THE ROYAL SOUTHAMPTON HORTICULTURAL SOCIETY.

President, H.R.H. Prince Leopold.

The GRAND COMBINED EXHIBITION OF CHRYSANTHEMUMS, FRUIT, &c., and CAGE BIRDS, is POSTPONED until TUESDAY and WEDNESDAY, November 18 and 19. Liberal Schedule of Prizes, including a CHALLENGE PRIZE, open to all England, free of Entry Fee, for 24 CUT CHRYSANTHEMUMS, distinct, £5, £3, £2, £1. Stands forwarded to the care of the Secretary, carriage prepaid, will be carefully staged.

Entries for Flowers close on November 12.

Entries for Birds close on November 10.

Schedules and Entry Forms forwarded on receipt of stamp.

39, York Street, Lower Avenue. C. S. FUIDGE, Sec.

THE THIRTY-FOURTH ANNUAL EXHIBITION OF THE BOROUGH OF HACKNEY CHRYSANTHEMUM SOCIETY (open to all England) will be held at the Royal Aquarium, Westminster, S.W., on WEDNESDAY and THURSDAY, November 19 and 20, when, in addition to a liberal scale of Prizes, EIGHT SILVER CUPS (five at Five Guineas each, and three at Four Guineas each) will be awarded. Schedules may be had on application, and Entries will be received up to and including Saturday, November 15, by

WILLIAM HOLMES, Hon. Sec.

Frampton Park Nursery, Hackney, E.

THE GARDENERS' ROYAL BENEVOLENT INSTITUTION.

NOTICE IS HEREBY GIVEN that an Addition to the PENSION LIST of this Institution will be made in January next. That in consequence of there being a large number of applicants coming under Rule No. 6, who have been Subscribers for fifteen years and upwards the List of Candidates will be confined to those persons. Persons desirous of becoming Candidates are requested to send in their applications to the Committee on or before November 8 next, after which day they will not be received.—By order,

EDWARD R. CUTLER, Secretary.

14, Tavistock Row, W.C.—October 7, 1879.

P.S. Printed Forms of Application and all requisite information may be obtained from the Secretary.

PARTNERSHIP.—A GENTLEMAN desires a Partnership in a genuine Horticultural Concern, in which he may utilise about £1000, and realise a fair return for Time and Capital. Must be open to thorough investigation. Send full particulars to Messrs. SMITH AND BRÖDIE, Hanover Chambers, 315, Oxford Street, London, W.C.

Beautiful Lily.

LILIUM NEILGHERRENSE gives flowers nearly a foot long, deliciously fragrant. 5s., 7s. 6d., and 10s. 6d. each.

Being an annual importer of many thousands of Lilies direct from their native habitats, Mr. William Bull can supply the best sorts, in large or small quantities.

Establishment for New and Rare Plants, King's Road, Chelsea, London, S.W.

To the Seed Trade.

CAUTION.—The word "TROCADERO," as applied to Grass Seeds, is CARTER'S REGISTERED TRADE MARK. The Queen's Seedsmen, High Holborn, London, W.C.

Hyacinths, Tulips, and other Bulbs.

W. M. CUTBUSH AND SON'S CATALOGUE (Illustrated Descriptive) of the above is now ready, and may be had post-free on application. Highgate, London, N.; and Barnet, Herts.

Rhododendron Kate Waterer.

JOHN WATERER AND SONS, Bagshot, Surrey, are now offering the above at 5s. each, or six plants for 25s.

SPIRÆA PALMATA.—The largest and best stock in Europe, 10s. 6d., 15s., 20s., and 25s. per 100. **SPIRÆA JAPONICA,** for forcing, the finest possible clumps. **CHARLES NOBLE, Sunningdale.**

MYOSOTIS ELEGANTISSIMA.—Free in growth, ample foliage, broadly margined with white; flowers bright blue.

RODGER, McCLELLAND AND CO., Nurserymen, Seedsmen and Florists, 64, Hill Street, Newry.

AZALEA INDICA, most healthy, strong and well budded, £4 per 100; much stronger, also budded, 2 years older, £8 per 100.

SPIRÆA JAPONICA, strongest plants to be found, 8s. per 100. **CH. VAN HULLE, Nurseryman, Meirelbeke, near Ghent, Belgium.**

To the Trade only.

SPIRÆA JAPONICA, 10s. per 100, £4 10s. per 1000, delivered to rail. Very fine clumps. Package free on receipt of twelve stamps. **MANETTI, well-rooted, £1 per 1000.** **H. B. SMITH, Ealing Dean Nursery, Ealing, W.**

JULES DE COCK, The Ornamental Plant Nurseries, Ghent, Belgium.—Special offer of **AZALEA INDICA, MOLLIS and PONTICA, CAMELLIAS** (with buds), **CHRISTMAS ROSES,** and **SPIRÆA JAPONICA,** to be disposed of in large quantities.

CATALOGUES to be had on application.

Vines—Vines—Vines.

J. COWAN, The Vineyard and Nurseries, Garston, near Liverpool, is now offering splendid strong healthy VINES, from eyes this year, suitable for summer planting. **CATALOGUES free. The Trade supplied.**

SEAKALE, ASPARAGUS, and RHUBARB Roots, for Forcing, exceedingly fine. Special quotations. Apply to

H. THORNTON, 1, Maxwell Road, Fulham, S.W.

ORCHID BASKETS (great reduction in).—Teakwood Rods, rounded edges, made with strong copper or galvanized wire. Every kind made for growing Orchids, at 20 per cent. less than usually charged. Sample sent carriage free on receipt of twelve stamps. **TEAK RODS** supplied, prepared and drilled, ready for making up.

ALFRED GRANT AND CO., Steam Works, 39½, Leather Lane, London, E.C.

Gentlemen's Gardeners, Amateurs, and others

GARDEN POTS of best quality, are requested to send their orders to **J. MATTHEWS, Royal Pottery, Weston-super-Mare.** Price List on application.

TO BE DISPOSED OF, the Whole of Choicest Greenhouse and Hardy FERNS, comprising some of the best varieties in cultivation. Will be Sold cheap, in lots, to suit purchasers.

WANTED, PANSY and VIOLA CUTTINGS, also **DOUBLE DAISIES.** Apply to **T. L. MAVOS, Nurseryman, Hereford.**

Tenders are invited by the

GROCERS' COMPANY for the SUPPLY OF FLOWERS, SHRUBS, TURF, &c., and for KEEPING their GARDEN in ORDER. Particulars on application to Clerk's Office, Grocers' Hall, Poultry, London, E.C.

WANTED TO PURCHASE, Yearling and 2-yr. old Seedling QUICKS, and good Standard APPLES of various sorts. Lowest cash price and samples of Quicks to be sent to **RICHARD CRUST AND SON, Nurserymen, Spalding.**

WANTED, 6000 LARCH, twice transplanted, 3 feet high, good well-rooted trees. Also quotations for 4 feet Larch.—State price to **JOHN STANDISH AND CO., Royal Nurseries, Ascot.**

WANTED, 8000 each of LARCH and SCOTCH FIR, about 15 inches.—Send price to **Mr. BUCHANAN, Sherwood, Tunbridge Wells, Kent.**

WANTED, about 1000 large FIR TREES, Scotch or Spruce. Must be 7 or 8 feet. Address, stating price, to **Mr. H. RICHARDSON, Leigh Park, Havant.**

WANTED—PEAS: True Stocks of **William I., James' Prolific, Marvel, Telephone, Veitch's Perfection, British Queen, Harbiager, Coannoisser, and Omega.** **P. P., Gardeners' Chronicle Office, W.C.**

ORCHIDS.—The largest stock in Europe. Thousands of these beautiful Plants to select from, at 7s. 6d. and 10s. 6d. each and upwards, at **Mr. WILLIAM BULL'S** Establishment for New and Rare Plants, King's Road, Chelsea, London, S.W.

THE DESCRIPTIVE CATALOGUE of **FRUIT TREES** is now ready, and will be forwarded free by post, on receipt of three penny stamps.

CATALOGUES OF ROSES and ORCHARD HOUSE TREES post-free on application. **THOMAS RIVERS AND SON, Nurseries, Sawbridge-woth, Herts.**

To the Trade.

MARÉCHAL NIEL and GLOIRE DE DIJON ROSES, extra fine, in 5-inch pots, 9s. per dozen, 70s. per 100. **Trade LIST,** with special low prices, of Standard and Dwarf Roses, Clematis, &c., on application. **GEORGE COOLING, Nurseryman, Bath.**

Clean Gardenias.

MESSRS. JOHN STANDISH AND CO. have a magnificent Stock of the above (intermedia variety), fine healthy plants, of all sizes. They warrant them **ABSOLUTELY CLEAN** from the Mealy-Bug, as they have never had one on them.

Price 2s. 6d. to 15s. each—4000 plants to select from. **Royal Nurseries, Ascot, Berks.**

THORN QUICKS.—Seedling 1 and 2-yr. and transplanted 3 and 4-yr., extra fine. A very large stock for disposal. Samples and prices on application. **RODGER, McCLELLAND AND CO., 64, Hill Street, Newry.**

SPECIAL OFFER to the TRADE.—10,000,000 LARCH and Scotch FIR, seedlings and transplanted (True Native).—Samples and prices on applying to **WM. WISEMAN AND SON, Elgin, N.B.**

PHEASANT-EYED NARCISSES.—Bulbs of this sweet-scented Narcissus, 10s. per bushel, 6s. per half bushel, 3s. 6d. per peck. Terms cash with order. Package free. Post-office Orders payable Vauhall Cross.—**Mrs. C. W. ALDERSON, Langley Lane, South Lambeth, Surrey.**

Lilies of the Valley.

JULIUS HOFFMANN, 131, Koepnickstrasse, Berlin S.O. The plants are extra fine this year. Prices, £1 12s. per 1000, £15 per 10,000. Every one strong flowering. Stock, 400,000.

Hepaticas—Hepaticas.

H. K. WILLIAMSON, New Gardens, Whitchy, is now sending out from his fine collection of the above, for spring bedding—6 varieties, 2 each, 6s. per dozen, £2 per 100; 5 varieties, 5s. 6d. per dozen, £1 15s. per 100. Prices for more varieties, and LIST of Old and Rare Herbaceous Plants on application.

Special Trade Offer.

W. BALL AND CO. have many thousands of **CARNATIONS, CLOVES, PICOTÉES, PINKS,** and Bedding PANSIES, in fine condition. **ROCK and ALPINE PLANTS** in great variety, and at very low prices. Price LISTS forwarded on application. **Bedford Road Nursery, Northampton.**

CAMELLIA STOCKS.—Several thousands of fine Camellia Stocks, all home grown, and well established in pots, 5 to 9 inches high. Price 20s. per 100. **B. WHITHAM, The Nurseries, Reddish, near Stockport.**

Strawberries.—Wholesale and Retail.

H. CANNELL begs to announce that he has now 10,000 prepared very strong Runners of all the best varieties in cultivation; and if planted at once will produce fruit next year; every one warranted true to name. LIST post-free. Special prices for large quantities. **Swanley, Kent.**

Strawberry Plants.—Price Reduced.

H. J. HARDY has a fine lot of strong well-rooted Plants:—**Vicomtesse Hélicart de Thury, President, Elton Pine, Sir Joseph Paxton, Suffolk Hero, Victoria, 1s. 6d. per 100, 10s. per 1000.** Package free. Carriage paid for 1000.

CYCLAMEN PERSICUM, fine strain, nice healthy Plants, in 60-pots, 4s. per dozen, 30s. per 100. Cash. **Stour Valley Seed Grounds, Bures, Suffolk.**

Strawberry Plants.

THE DUKE OF EDINBURGH, JAMES VEITCH, and all the other good sorts in cultivation. Strong, well-rooted plants. **The LAWSOON SEED AND NURSERY COMPANY (Limited), Edinburgh.**

For Present Planting.—Now Ready,

G. E. S. Superior Bedfordshire-grown **CABBAGE** and other Plants, **ASPARAGUS, SEAKALE and RHUBARB** Roots, **DAISIES,** and other Spring Flowering Plants, &c., supplied in any quantity, cheap and good. See LIST on application to **FREDK. GEE, Seed and Plant Grower, Nurseryman, &c. Biggleswade, Bedfordshire.**

SEED POTATOS.—Just imported, 10 tons of Suwiflakes, 10 tons of Early Rose, warranted clean and sound and fit for table use. Price, £7 10s. per ton, bags included; also some splendid Jersey Blues, Reds, and Whites, free from Disease. A trial solicited. **T. DAVIES, Importer and Merchant, 3 and 4, Baneswell Road, Newport, Mon.**

ness to meet the members of the Society on a subsequent occasion.

The party left Dalkeith at 6 o'clock for Edinburgh, much pleased with their excursion. The weather during the day was dull, but there was no rain.

Royal Horticultural: Oct. 14.—The meeting held to-day was a remarkably good one, in fact so extensive and so interesting, and withal so unexpected was the display, that it came upon visitors and *habitues* alike as a surprise. In the large entrance lobby Messrs. Charles Lee & Son, of Hammersmith, showed in an effective and admirable manner how our flower gardens may be rendered ornamental and of a more cheerful aspect during the dull winter months, by planting the beds with some or other of the many effective evergreen plants that are now available for such a purpose. To give anything like an intelligent idea of the design which the Messrs. Lee carried out would be well nigh impossible without the aid of a plan, which we hope shortly to publish; it will suffice for the present to say that a more elaborately worked out idea, or one composed of better or more suitable materials, has never before been seen at a public exhibition, and a Gold Medal was never better bestowed. Indeed, great praise is due to the Messrs. Lee for providing so admirable an illustration of this phase of decorative gardening, the subject, at the present time, while the general order of the day is to cut down expenses, being one which well deserves the thoughtful consideration of every gardener from another point of view; the employment in summer bedding of these hardy ornamental, and for the most part easily propagated subjects affording, beside their use for winter decoration, a means of reducing the cost of raising more tender plants, with the attendant advantage in such deplorable seasons as the past, of being certain of their maintaining a more presentable appearance than tender plants have borne. To this fine display was added an excellent show of Grapes, Apples, and Pears, Orchids, Dahlias, and other objects.

FLORAL COMMITTEE.—Dr. Denny in the chair. First-class Certificates were awarded to Mr. Bull for *Polystichum lentum*, a neat-growing evergreen *Aspidioid* Fern from India; for *Adiantum mundulum*, and for *Adiantum cuneatum dissectum*, both of which were described in our issue for July 19, p. 84. To Mr. B. S. Williams for *Calamus densus*, for *Cocos elegantissimus*, and for *Nepenthes Outramiana*, a hybrid between *N. Sedeni*, and *N. Hookeri*, with medium-sized pitchers, broad at the base, tapering into a cylindrical neck, green, thickly dotted with small brown spots, and two narrow finely toothed wings. To Messrs. James Veitch & Sons, for *Oncidium dasyle*, a pretty little flower, with brown spotted sepals and petals, and a creamy yellow lip, having a purplish-black pouch near the base; for *Cypripedium Spicerianum*, a small flowered species, with the upper sepal white, marked with a central purple line, the lateral sepals greenish, also with a central purple line, the lip greenish, shining, and the top of the column white, spotted with violet, and wavy at the margins; and for *Pachystoma Thompsoni*, a striking Orchid, with white flowers admirably contrasted with a long narrow purple labellum, and having the habit of a *Pleione*; the plant is said to come from Western Africa. To Mr. John Wills for the beautiful new *Adiantum Bausii*, figured and described in our last number. To Mr. Green, gr. to Sir George Maclean, for *Passiflora Hahnii* (see fig. 81, p. 504), a Mexican species, with thin slender branches, peltate, ovate acute leaves, purple on the under surface, and profusely furnished with beautiful large white flowers having a ray of crispy yellow filaments, and to which the figure, taken from a partly withered flower, does not do justice. To Mr. Turner, Slough, for *Dahlia George Thomson*, a capital large-flowered yellow bedding variety about 2 feet high; and to Mr. King, gr. to G. Simpson, Esq., Wray Park, Reigate; for *Colcus majesticus*, a brightly-coloured but somewhat coarse-leaved form. Mr. Bull also received a Botanical Certificate for *Cynochos Warszewiczii*, a curious Orchid with green flowers borne on two separate spikes (see fig. 78, p. 493), those on one spike being much larger and totally different in appearance one from the other—so much so, that, seen separately, they would be taken as belonging to different genera. The explanation of this and of similar appearances in various species of *Catasetum* is now known to be that they are the male and female flowers respectively. In the present instance the flowers on the shorter spike with the broad segments and simple lip are probably female, while the smaller and more numerous flowers on the long raceme (cut short in the figure), and which have a much divided lip, are male. A Cultural Commendation was also awarded to Mr. Bull for *Zamia Skinneri*, a Cycad with a tall erect stem, giving off a crown of bold pinnate leaves surrounding two male spikes. Messrs. Todd & Co., Edinburgh, sent a very fine sample of East

Lothian Intermediate Crimson Stock, and the committee highly commended the strain. Mr. Walker, of Thame, showed a vast number of cut flowers of that fine old plant, *Tropæolum tuberosum*, which seems to have flowered this season with remarkable profusion in the open air. A Cultural Commendation was awarded. Besides the plants above-named Mr. B. S. Williams also contributed, together with Mr. Bull and Messrs. Veitch, a pretty display of the charming Indian *Crocus*, *Pleione lagenaria*, *Vanda coerulea* with two nice spikes, *Dendrobium chrysoctis*, and the lovely *D. bigibbum*, *Maxillaria nigrescens*, and the small white *Oncidium orthorhynchum album*. In Messrs. Veitch's small group of Orchids was a specimen of the singular *Morodes Ocaña*, with four good spikes of its chocolate-brown spotted flowers; *Miltonia Moreliana superba*, a large and deeply coloured variety; and *Cœlogyne Massangeana*. Three seedling *Begonias* of the Pearcei type came from Mr. Webb, gr. to W. S. Browne, Esq., Digswell, Welwyn; and Messrs. John Laing & Co. showed some cut blooms of some of their seedlings which were remarkable for their great size and brightness of colour. Several varieties of Ferns and other plants came from Mr. Chambers of the Westlake Nursery, Isleworth, who received a vote of thanks. Mr. G. F. Wilson also received a similar vote for examples of the old *Gentiana Andrewsii*, whose purple-violet flowers have a good effect on rockwork; and *Polygonum vacciniifolium*, a trailing evergreen with racemes of pretty pink flowers. Messrs. Rawlings Brothers, of Romford, again contributed about four dozen admirable blooms of Dahlias; and a similar quantity was also shown by Mr. Cannell, who had beside several of the pretty single varieties, including the pink *D. glabrata* and the glowing scarlet *D. Yuaresii*, figured in these columns a week or two ago. Messrs. William Paul & Son showed half-a-dozen boxes of cut blooms of *Roses*—a very fine lot of flowers for the season. Messrs. Haage & Schmidt, of Erfurt, sent some cut flowers of their new *Marigold*, named *Meteor*; and Mr. R. Dean showed a variety named *Diadem*, which the committee considered to be identical, but neither were in a condition to enable one to judge fairly of their merits. Mr. Dean had also cut flowers of *Physostegia imbricata*, a pretty tall-growing pale purple-flowered herbaceous plant. Mr. Green also exhibited a fine umbel of *Brunsvigia Josephina*, with scarlet flowers.

FRUIT COMMITTEE.—H. Webb, Esq., in the chair. The members of this committee had a greater amount of labour on their hands than usual, or rather, we should say, a greater number of objects to examine. The special feature of the day was the show of Grapes—wonderful pot Vines from Messrs. Lane & Son, of Berkhamstead, exceedingly good collections of cut Grapes from the Messrs. Lane, Mr. Wildsmith, gr. to Lord Eversley, and Mr. Goodacre, gr. to Lord Harrington; and a new variety of some merit from Mr. Allen, gr. to Lord Suffield at Gunton Park. The pot Vines sent up from the famous nursery at Berkhamstead consisted of six examples—each perfect models of high cultivation—and bearing between them no less than 126 bunches, not all small ones either. The varieties were Black Hamburg, Alicante, and Foster's Seedling. A Gold Medal was the exhibitors' reward for them, as well as a Gold Knightian Medal for a collection of sixteen varieties, three bunches of each, which included such sorts as *Gros Colmar*, magnificent both in bunch and berry; *Buckland Sweetwater*, Mrs. Pearson, fine in bunch and berry, but not fully coloured; *Muscot* of Alexandria in rare form, Pearson's Golden Queen, also in excellent condition; Dr. Hogg, the round-berried white variety, also good; *Madresfield Court*, especially fine; and *Alicante*, *Lady Downe's*, and *Trebiano*, &c., of a good average quality. Mr. Wildsmith and Mr. Goodacre showed a dozen varieties each, the last-named exhibitor contributing the greatest number of bunches, some twenty-five in all. The award of a Silver Knightian Medal was made to each. In the Heckfield Place collections the most noteworthy variety was the new *Alwick Seedling*, represented by a fair-sized, well-formed, and highly-finished bunch, which seemed to please the growers, as the sort is now becoming looked upon as an improvement upon *Alicante*, of which it will no doubt eventually take the place. Mrs. Pince, *Lady Downe's*, and other well-known sorts, were also well represented, especially so the *Black Hamburg*, the berries of which were of grand size. From *Elvaston Castle* the most striking samples amongst an uniformly good lot were those of Mrs. Pince, *Golden Queen*, Mrs. Pearson, *Lady Downe's*, and *Gros Colmar*, all considerably above average merit. The seedling *Black Grape* shown by Mr. Allen, and which was stated to have been raised by a gentleman from a cross between *Syrian* and *Alicante* was regarded as a promising novelty, the bunches being large and tapering, the berries oval, and the flavour better than that of any other late *Grape* grown. The best bunch was cut from a vine inarched on a *Lady Downe's* and grown in a late house; another bunch from a cane on its own roots, and grown in a

Muscot-house, was very deficient in colour. From Messrs. James Veitch & Sons came a collection of about 100 dishes of Apples grown at their Fulham nursery, and which included admirable examples (for the season) of all the leading and best known varieties in cultivation. A Silver Knightian Medal was awarded. Messrs. Paul & Son, Waltham Cross, also contributed a large collection of Apples and Pears, and received a Bronze Knightian Medal. Mr. J. Pond, The Vineries, Jersey, submitted samples of *Jersey Giant Red* and *Jersey Lily* (white) "Shallots," both good types of the Potato Onion, and not of the true Shallot. From Messrs. Osborn & Sons, Fulham, came fruiting plants of *Osborn's Prolific*, *Violette* (syn. *Brown Turkey*), and the *Grizzly Bourjasotte* Figs, but none of them were sufficiently ripe for adjudication upon. Mr. Perkins, gr. to Lord Henniker, Thornham Hall, Suffolk, sent a large netted green-fleshed Melon, named *The Squire*; and from Mr. Walker, of Thame, came specimens of the fine *Pond's Seedling Plum*, and a nice sample of red Currants. From Chiswick Mr. Barron brought up numerous examples of *Benary's Early Munich Turnip*, a medium-sized purple-topped variety (resembling the old red-topped), which comes into use three weeks earlier than any other variety. It has gained an excellent character while under probation at Chiswick, and was to-day awarded a First-class Certificate. Mr. Ross, gr. to C. Eyre, Esq., Welford Park, Newbury, contributed five handsome *Smooth Cayenne Pines*, which weighed in the aggregate 32 lb., and to which a Bronze Knightian Medal was awarded.

The Weather.

STATE OF THE WEATHER AT BLACKHEATH, LONDON FOR THE WEEK ENDING WEDNESDAY, OCTOBER 15, 1879.

MONTH AND DAY.	BAROMETER		TEMPERATURE OF THE AIR.			Hygrometrical Deductions from Glaisher's Tables 6th Edition.	WIND.	RAINFALL.			
	Mean Reading 59° Fahr to 59° Fahr.	Depature from Average of 18 years.	Highest.	Lowest.	Range.						
Oct. 9	30.23	+0.59	54.6	41.6	10.0	48.7	3.2	45.1	88	E.N.E.	In. 0.00
10	30.28	+0.59	57.5	37.9	19.6	46.4	5.2	41.3	93	N.E.	0.00
11	30.35	+0.65	54.2	40.1	14.1	46.6	4.7	45.3	96	E.N.E.	0.00
12	30.36	+0.66	49.0	43.0	6.0	45.5	5.5	44.7	97	S.S.W.	0.00
13	30.18	+0.40	50.6	41.8	8.8	45.6	5.1	45.0	98	N.	0.00
14	29.96	+0.26	53.7	43.3	10.4	47.9	2.5	46.0	94	W.	0.01
15	29.98	+0.29	48.3	37.9	10.4	42.0	8.2	31.2	75	W.S.W.	0.00
Mean	30.20	+0.50	52.6	41.2	11.4	46.1	4.9	43.5	92	variable	sum 0.00

- Oct. 9.—Overcast and dull till evening, then fine. Cloudless at night. Slight rain at 10 A.M.
- 10.—Overcast and foggy till 10 A.M.; fine and bright after. Cloudless at night. Cold.
- 11.—Dull, very cold, and gloomy throughout. Dense fog till 10 A.M., and after 11 P.M.
- 12.—A dull, cold, misty day. Foggy at night. Overcast throughout.
- 13.—Overcast, dull, and cold throughout. Foggy and misty.
- 14.—A dull overcast day. Cold. A little rain fell at 9 P.M.
- 15.—A fine bright day. Raw cold. Strong wind. Cloudless at night, and bitterly cold.

LONDON: Barometer.—During the week ending Saturday, October 11, in the vicinity of London, the reading of the barometer at the level of the sea increased from 30.28 inches at the beginning of the week to 30.53 inches by the evening of October 8; decreased to 30.44 inches by the evening of the 9th; increased to 30.55 inches by the morning of the 11th; decreased to 30.51 inches by the afternoon of the same day, and was 30.54 inches at the end of the week. The mean reading for the week at sea level was 30.44 inches, being 0.56 inch above the average.

Temperature.—The highest temperatures of the air observed by day varied from 68° on October 6, and 67° on the 7th, to 54½° on the 11th; the mean value for the week was 59½°. The lowest temperatures of the air observed by night varied from 38° on the 10th to 50½° on the 5th and 50° on the 6th and 7th; the mean value for the week was 46°. The mean daily temperature of the air for the week was 13½°; the greatest range in the day being 19½° on the 10th, and the least 6½° on the 8th.

The mean daily temperatures of the air and the departures from their respective averages were as follows:—Oct. 5, 55° 5', + 2° 3'; 6th, 56° 9', + 4°;