enclose an area of a little over 7 acres. The south and generally esteemed the best of all summer Cos Lettuces. eastern sides of these walls are faced with upwards of New Imperial White Cos, May (Hammersmith) .for any gardening operations, in consequence of being in having much longer seeds. uneven, falling considerably towards the middle, alike to seed. there is a circle of turf 60 feet in diameter. On the Paris Cos in summer. of the Grass circle in the middle. These ponds are sup- other respects it is similar. plied from the drainings of the garden, deep cuttings walks, which are centered by the ponds, being termi- cultivation. to a width of some 10 or more feet, on which beds of further trial, grown side by side. simple form, and in opposite pairs, are inserted at close | White-seeded Bath Cos, Cutbush (Highgate).—This | and improved. I remember once visiting a friend and intervals during the entire length; and the same style proved to be the same as the well-known White-seeded expressing admiration of a bouquet of flowers that is applied to the margin of the ponds and centre circle. Brown Cos, the hardiest of this class of Lettuces, and stood on the table. The lady of the house told me that The whole is backed on either hand by a mixed well adapted for standing the winter. The outside she had picked them that morning from her garden, row of Hollyhocks, Dahlias, and Roses, which leaves are brown, but the heart blanches white, with and asked me to take a walk in it. I expressed myself in some measure secures the vegetable crops from obser- the exception of a slight pink tinge on the bases of the tired, and promised to come another day, as I knew, or vation. For the supply of these beds 20,000 plants of mid-ribs. It is crisp and excellent. the choicest and best kinds are annually required, and they were skilfully arranged both in regard to -The same as the preceding, except in the colour of be at least half a mile distant; she laughed, and asked colour and contrast. When first seen from the the seeds. palladian entrance on the western side, the vista of the centre walk, extending to more than 1100 feet, be an improvement on the Bath Cos, to which it bears and asked me to enter. It was no dream. There, on and broken by the central circles in the lower part, much resemblance. Seeds white. It appears to be a the roof of the tenement, was the garden prettily charms us by not only its vast extent, but also by variety of that well-known kind, with a somewhat arranged, and by trellis-work made quite private. The the unrivalled and gorgeous character of its floral stronger habit of growth. beauty. The walk through the lower slope is laid out with letters executed in Box, and they too were gay with flowering plants.

each 36 feet long by 7 feet wide; two Cucumber pits, each 40 feet long by 8 feet wide; two Pine pits, each Summer Cabbage Lettuces. 40 feet long by 12 feet wide; two early Vineries, each each 30 feet long by 12 feet wide; a Peach house, 60 feet long by 12 feet wide; a Mushroom house, 26 feet long by 9 feet wide. There is also on the eastern aspect of the western wall a Fig house 72 feet long by 14 feet wide; and the whole of these structures are efficiently heated by hot water circulating in pipes. And at the period of our visit they still contained some excellent fruit, amongst which might be particularised very good examples of scarlet-fleshed Melon, also Figs and a considerable quantity of late Grapes still ungathered. These latter were planted inside, and over the beds of the house a thick covering of dry leaves was placed; there were also some excellent Pines in various stages of growth. The walls were well covered with nicely trained fruit trees, and Cherries, Apricots, and Pears seemed to be entirely free alike from gum and canker. The lower side of the southern quarters on the outside slip is planted with standard Apple trees in capital condition, and they usually produce heavy crops of fine fruit. The quarters of the garden were well cropped and producing vegetables of no ordinary character, the whole reflecting much credit on Mr. Turnbull, whose horticultural merits have long

been fully established. D.

REPORT ON THE VARIETIES OF LETTUCE.

THE Lettuces may be divided into two classes; those which are upright, oblong, or obovate in growth, and those which are spreading, round, or flat-headed. The former are known as Cos Lettuces, the latter as Cabbage Lettuces. Of these, the following sorts were grown in the Society's Garden in the summer of 1859.

Class I.—Cos Lettuces. Seeds white. It attains a larger size than the common appearance. In addition to the tendency to reversion merely advocate a judicious disposition of common

10 acres of excellent well drained land, admirably White Cos sown at the same time, and in consequence to either parent form, it is almost universally asserted adapted alike for the cultivation of fruit and vegetables. will grow for a longer period before it commences that cross-bred productions are highly variable, and It is irregular in form, a lengthened parallelogram running to seed. Plants raised from seeds saved in this often display characters not observed in either parent. extending from west to east; its angles are indented, country should be watched in order to see that the I do not wish to dispute this common belief, but I and on each of the lengthened sides there are two leaves are rounded and concave at the top; for when suspect it would puzzle any one to adduce satisfactory obtruding equi-distant semicircles of 50 feet radius, and they become pointed and not inclined to hood or turn cases; and certainly Gärtner has advanced a mass of each is at right angles with its opposite figure, the inwards, they must be considered as having degenerated evidence on the opposite side. I am not at all surprised at whole being surrounded with lofty brick walls, which from the true character of this excellent sort. This is Mr. Westwood demurring to the belief that occa-

3 more acres, which are also inclosed by an outer wall; This very much resembles the White Paris Cos in is only just alluded to in my volume on the "Origin of but neither of these external walls are available appearance and quality; but it differs from the latter Species." I do not pretend that I can prove the truth

out beyond the straight line of the garden walls. Leaves large, broadly obovate, rather light green, of Knight, however, who specially attended to this point, The centre cross walk extends through the whole flabby texture; requires tying in order to blanch the has published his belief (whether founded on sufficient length of the slip on the south side a distance of 440 heart leaves, which are then good, but want crispness. evidence I will not pretend to say) that the queen-bee feet. There is also another pond at the southern side, It has, however, the property of not running to seed commonly unites with a drone from another community. which receives all the drainage from below the so soon as most other sorts. Seeds white. It appears | Charles Darwin, Down, Bromley, Kent. other ponds. The whole of these cross walks and the to be very similar to the White-seeded Alphange Cos, Housetop Horticulture in London.-Why not? I grand middle walk are belted with turf on either side but the differences, if any, can only be determined on have seen such as you speak of elsewhere. What has

Black-seeded Bath Cos, Cutbush (Highgate); Josling.

son & Goad.—Dwarf habit. Leaves curled and serrated | there was no glass, as that article was then rather ex-The forcing structures are on the south side of the on the edges; head large, firm, blanching white, very pensive. The second time I saw anything of the sort northern walk, and are faced by the eastern pond in crisp, and of excellent quality. Seeds white. It soon was on the top of a house in a town in Devonshire; there the grand centre walk. They consist of two Melon pits, begins to form a heart, and does not run to seed readily. were no houses to shelter or screen the sun from it, but By many persons this is considered the best of the it was roofed or arched over by a trellis-work of wood

Marseilles Cabbage, Minier & Co.-Dwarf. Leaves over it, and thought I should like to have such a house 34 feet long by 12 feet wide; two late Vineries, large, curled, and serrated, slightly tinged with brown, myself. Voyageur. forming a loose, irregular head, tolerably crisp, but not ever, longer in running to seed.

ing a flattish, round compact head. Leaves roundish, white. A good early Lettuce.

Seeds white.

forming a large flattish head, not so compact as the of pursuit gives. The body gains rest when Neapolitan, but white, tender, and very good. Seeds the mind is amused. The back yard, where a few white. Horticultural Society's Proceedings.

Home Correspondence.

I am aware that this is supposed to be the case with a purer air in what might be both a public some Turnips; but I have searched in vain for any park and a people's garden. To effect this, howauthentic history of their origin. No one, I believe, ever, the estimates allowed for the maintenance of doubts that cross-bred productions tend to revert in the parks must be increased. Superintendents must various degrees to either parent for many generations; be employed at proper salaries, who have studied not some say for a dozen, others for a score or even more only the peculiar effect of the climate of London on generations. But cannot breeders adduce some cases of plants and shrubs, but have taste and knowledge in White Paris Cos, Glendinning. — Syn.: Carter's crossed breeds of sheep and pigs (such as the Shrop- their arrangement; while working gard ners must be Giant White Cos, Carter & Co.; Superb White Cos, shire or Oxford sheep, or Lord Harborough's pigs) substituted for some of those Crimean heroes, who Sutton & Sons; Improved White Paris Cos, Minier & Co. which are now true? With respect to the Cottagers' astonish nurserymaids by their beards. I do not pre-Very large; leaves light green, obovate, hooded at the Kale, I was so much surprised at the accounts of its tend that it would be necessary to emulate some of the top, so that it naturally closes and blanches without trueness that I procured seed from the raisers; but in public gardens abroad, where the Orange tree and Seeds white, tender, crisp, and excellent. my soil the plants were far from presenting a uniform Pomegranate lend their sweetness to the evening air; I

sionally crossing the strain is advantageous or necessary with productions in a state of nature. The subject of the doctrine; but I feel sure that many important open to the park on one hand and the pleasure | Crystal Cos, Josling.—This very much resembles facts and arguments can be adduced in its favour. The ground on the other. The surface of the ground is the White Paris Cos, except that it runs earlier ill effects of close inter-breeding between the nearest relations, especially if exposed to the same conditions of from the eastern and western ends, and the middle por- Paris Green Cos, Vilmorin. - Syn.: Superb Green life, would be, I believe, the same under Nature as tion also inclines somewhat from the north to the Cos, Sutton & Sons; Improved Paris Green Cos, under domestication,—namely, some degree of sterility southern side. A straight walk of good width is carried Minier & Co.; Paris Cos, Lee. This very much and weakness of constitution. Variability arises from round the whole of the interior, at a suitable distance resembles the White Paris Cos, except that the leaves quite independent causes, and is to a certain extent from the walls. A noble walk some 13 or 14 feet in are of a darker green. It it also somewhat hardier, counteracted in its early stages by the free crossing of width divides the garden into two equal portions and therefore better adapted for sowing early in spring the individuals of the same species. Mr. Westwood during its entire length. In the centre of this walk and in autumn. Some indeed prefer it to the White misunderstands me if he supposes that it is my opinion that the Ibis, for instance, keeps true to its kind "by same line of walk there are two ponds, each 40 feet in New Golden Cos, Flanagan & Son.—This proved to occasional crosses with individuals of the same species diameter, and each is situated 250 feet from the centre be not so large as the Green Paris Cos, to which have not sprung from the same grandfather or great-grandfather." I only believe that if individuals Snow's Compact Cos, Lee. - Syn.: Snow's Matchless of the Ibis did vary, such crosses would tend to keep having been formed not only under every walk but also Cos, Snow's Champion Cos, E. G. Henderson. Of very the species true; and further, if the young from a round the whole of the garden walls. These ponds are belted upright growth, with narrow, pointed, deep green single pair increased so slowly that they all continued with turf to the same diameter as the central circle. leaves, forming very little heart for blanching; it was to inhabit the same small district, and if brothers and The garden is intersected by three cross walks, found to be, on the whole, so very inferior to the sisters often united during successive generations, then these three circles forming their centres; the Green Paris Cos, that it was considered not worthy of that the Ibis would rapidly deteriorate in fertility and constitution. Mr. Westwood advances the hive-bee, as nated at either end by the semicircles which jut | Acme of Perfection, Kernan. - Habit spreading. probably a case of constant intercrossing. Andrew

been may be again. What now exists may be added to thought I knew by the situation of the house, which was closely packed amongst neighbours, that the garden must me to follow her. We reached the staircase window, Griffin's Alma, E. G. Henderson.—This was stated to she stopped, drew up the blind, pushed open the window plants, creepers, &c., were in boxes, the lead roof Class II.—Cabbage Lettuces. | covered with sand; two sides of it were shut in by the Neapolitan Cabbage, Lee, Veitch, Frazer, Richard- walls of the house. It looked pretty, even luxuriant; painted green. I have often admired the Ivy growing

Flowers in our Public Parks.—Although I do not by any means so good as the preceding. It is, how- think that every housetop in London can be easily converted into a garden, yet I am sure that many of the. Ne Plus Ultra, Sutton & Sons .- Rather small, form- working classes have a wish to cultivate flowers, and would do so, were they taught in what manner they. entire on the margins, slightly tinged with brown, of should raise those kinds suitable to the climate of this soft texture. Heart white, soft and tender. Seeds town. When we bewail the depravity of the lower classes, we forget how few are the enjoyments within Victoria Cabbage, Minier & Co.; Lee.-About the their reach. It is not only worthy of the philansize of the Hardy Hammersmith, and of very dwarf thropist but of the statesman to spen to them new habit. Leaves light green, soon forming a heart, which and innocent pleasures, which, while they lead them to is compact, white and tender. A very early sort. forego pernicious luxuries, will make them better citizens. After a day of monotonous toil the Drumhead, Lee.—Leaves roundish, slightly curled, working man feels keenly the relief that a change favourites bloom, would soon prove an antidote to the gaudy gin-palace with the unhealthy associations it conveys. In some of our parks a few common flowers have been introduced among the shrubs which decorate Cross-bred Plants.—I hope that some of your readers the beds planted by Sir B. Hall, and in the Regent's will respond to Mr. Westwood's wish, and give any in- Park by Lord J. Manners. The experiment succeeded, formation which they may possess on the permanence of and proves that were more care bestowed on their culticross-bred plants and animals. Will Mr. Westwood be vation and better skill on their arrangement, not only so good as to give a reference to any account of the would the taste for flowers be promoted, but a source of variability of the Swedish Turnip? I did not even constant attraction provided for those who leave the know that it was reputed to be a cross-bred production. crowded alley or the sultry workshop to breathe