## BOTANICAE CHART;

CONCISE INTRODUCTION TO THE LINNAAN SYSTEM OF BOTANY




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Plants, in general, are composed of Root, Sten, Inflorescence, Fulcra, Flowers, and Fruit. A short description of the different Parts, with the Varieties met with among Vegetables, follows:ROOTS.


 The various linds of foots are, tio









|  <br>  <br> The Leaves are a continuation and expansion of the same vessels and matter whicl compose the Root, Stem, Branches, and Foot-stalks; and, in many plants, show their wonderful susceptibility of certain stimuli, exhibiting the most striking phenomena in simple or compound; and are distinguished and denominated from their connection, situaits base and apex, its circumference and margin, its upper and under surfaces, its substance and situation, must be considered; and are termed, <br>  Acuminatum, when the point is lengthened out. Acutum, acute, when tapering gradually to a point, Auriculatum, ear-shaped, nearly hastate, but the lobes rounded and smaller. Angulare, of various angles. Avenium, having no veins. <br> Axillare, when standing at the origin of the branch. <br> Acinaciforme, shaped like a scymitar, a thick leaf with one side sharp and the other broad. <br> Alterna, when placed alternate. Amplexicaule, when the lobes of a sessile leaf embrace the stem. <br> Adpressum, when the upper surface is pressed upwards to the stem. Adversum, when the margin is turned towards the stem. <br> Bulatum, when the parts raised between the veins are like blisters, Cordatum, heart-sbere <br> Cuneiforme, when blunt-pointed, it tapers to the base like a wedge. Cuspidatum, when the <br> Cuspidatum, when the acuminate leaf ends in a br Cppilare, when scarcely any breadth, like a hair. <br> Cartilaginum, when the margin is harder than the disk of the leaf. <br> Ciliatum, fringed with long hairs, distant from each other. <br> Concavum, hollow in the middle of the leaf. |
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| The Fulcia or Props serve for defending, clothing, and keepUnder this head we understand the other parts of the Plant, ex Leaves, and Flowers, such as the |  |  |  |  |  |  |  |
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|  Anwulue thin memme, ilice a rings, urroumding the stalk of thie fungi. Arista, the awn or pointed beard of some of the Grasses. |  |  |  |  |  |  |  |
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| Stipuc, mmall lerese or |  |  |  |  |  |  |  |



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| umm, whene the end of oftel leaf is blumt |  |
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|  | Uhatustum, wavel when the marrini is bent upurris |
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|  | Verticale, perpendicular, forming a right angle with the horizon. |
| $\begin{aligned} & \text {, when the upper } \\ & n \text {, when the leaf is } \end{aligned}$ |  |
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|  | ${ }_{\substack{\text { ajo }}}^{\substack{\text { Bigan } \\ \text { Biant }}}$ |
| $m$, when rising from |  |
| Reclinatum, when standing w |  |
| Reniforme, kidney-shaped Reticulatum, when the ve |  |
| Repandum, serpentine, sm Retusum, slightly and blun |  |
| Revolutum, when Rugosum, wrinkle |  |
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| nuatum, sinuated, when shallow bays are cut out of the mas | Tripinnatum, when several doubly pinnated leaves are fixed to Triternatum, when a foot-stalk is divided into three, at each |

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The following are the Parts of Fructirication, or the Flowers and Fruit; with that Appendage, sometimes met with in Flowers, termed the Nectarium.






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Sheinatum, bookeded at the point. Tumar is still noother important patimet with freq.






of Botany, illustrated by the Indigenous Plants of Great Britain.





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