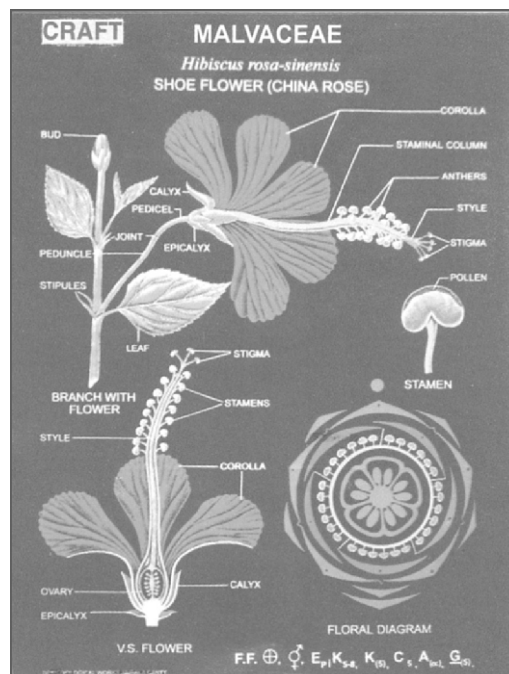
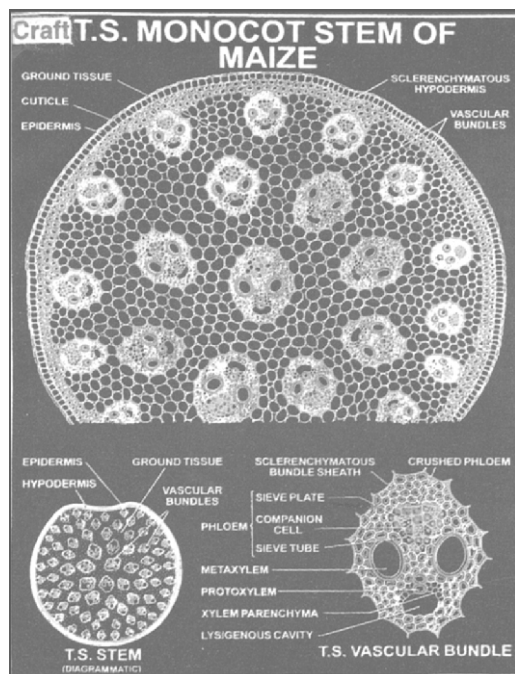


## Biocraft's New Rexine Charts–Botany

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### Cytology

- B 1 Cell Membrane
- B 2 Cell Wall
- B 3 Endoplasmic Reticulum
- B 4 Mitochondria
- B 5 Golgi Complex
- B 6 Chloroplast
- B 7 Nucleus
- B 8 Chromosome
- B 9 D.N.A.
- B 10 R.N.A.
- B 11 Protein synthesis

### Genetics

- B 12 Monohybrid Crossing complete Dominance
- B 13 Monohybrid Crossing Incomplete Dominance
- B 14 Dihybrid Crossing
- B 15 Monohybrid Crossing
- B 16 Mendelian Explanation of Cross between Tall & Dwarf Races of Garden Pea
- B 17 Sex linked Inheritance Drosophila

- B 18 Mendelian Heridity of Blue & Adulsian fowls
- B 19 Mendelian Explantation of the Breeding behaviour of Red & White Flowering in 4 O'Clock.

### Physiology

- B 20 Plant Respiration
- B 21 Plant Transpiration
- B 22 Plant Osmosis & Root Pressure
- B 23 Photosynthesis Light Reaction
- B 24 Photosynthesis Dark Reaction
- B 25 Glycolysis
- B 26 Krebs Cycle

### Ecology

- B 27 Water Cycle
- B 28 Nitrogen Cycle
- B 29 Carbon Cycle
- B 30 Oxygen Cycle
- B 31 Environmental Pollution
- B 32 Food Web
- B 33 Food Chain
- B 34 Microscope

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**Algae**

- B 35 Chlamydomonas General structure & Life History
- B 35 Ulothrix General Structure and L.H.
- B 37 Oedogonium Life Cycle
- B 38 Spirogyra St. & Conjugation
- B 39 Chara Structure and L.H.
- B 40 Volvox Structure and L.H.
- B 41 Oscillatoria Structure and L.H.
- B 42 Nostoc Structure and L.H.
- B 43 Batrachospermum structure & L.H.
- B 44 Polysiphonia structure & L.H.
- B 45 Ectocarpus Structure and L.H.
- B 46 Dictyota Structure and L.H.
- B 47 Fucus Structure and L.H.

**Fungi**

- B 48 Rhizopus structure & life history
- B 49 Mucor structure & life history
- B 50 Penicillium structure & life history
- B 51 Puccinia graminis structure & life history
- B 52 Agaricus structure & life history
- B 53 Albugo structure & life history
- B 54 Phytophthora structure & life history
- B 55 Mucor Structure & L.H.
- B 56 Yeast
- B 57 Bacteria I showing structure and forms
- B 58 Bacteria II showing reproduction
- B 59 Virus types, structure and L.H.

**Bryophyta, Pteridophyta**

- B 60 Riccia Structure and reproduction
- B 61 Marchantia structure & life history
- B 62 Anthoceros structure & reproduction
- B 63 Moss (Funaria) life history
- B 64 Selaginella Structure & reproduction
- B 65 Marselia structure & reproduction
- B 66 Lycopodium structure & reproduction
- B 67 Equisetum structure & reproduction
- B 68 Fern (Aspidium) structure & life history
- B 69 Fern (Pteris) structure & life history
- B 70 Fern (Nephrolepis) Structure and L.H.

**Gymnosperms**

- B 71 Cycas life history
- B 72 Cycas Anatomy
- B 73 Cycas stem T.S.
- B 74 Ephedra Structure and life history
- B 75 Gnetum structure & life history
- B 76 Pinus structure & life history
- B 77 Pinus anatomy
- B 78 Pinus leaf
- B 79 Pinus stem
- B 80 Pinus stem sec. growth

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- B 82 Mitosis in plants
- B 83 Meiosis in plant s(1st & 2nd division)
- B 84 Structure of chromosome during mitosis
- B 85 Structure of chromosome during meiosis
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- B 87 Plant kingdom showing flowering & non-Flowering plants
- B 88 Hydrophytic plants
- B 89 Xerophytic plants
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- B 92 Insectivorous plants
- B 93 Fossil plants
- B 94 Comparison of Dicot & Monocot Plants

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- B 95 Maize seed germination
- B 96 Gram seed germination
- B 97 Bean seed germination
- B 98 Castor seed germination
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- B 100 Dispersal of Seeds & Fruits
- B 101 Classification of Fruits

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- B 103 T.S. Monocot root
- B 104 T.S. Dicot stem
- B 105 T.S. Monocot stem
- B 106 T.S. Dicot leaf
- B 107 T.S. Monocot leaf
- B 108 Root modifications
- B 109 Stem modifications
- B 110 Leaf modifications
- B 111 T.S. dicot stem sec. growth
- B 112 Vegetative propagation
- B 113 Artificial propagation
- B 114 Specialised stems
- B 115 Typical leaf showing parts
- B 116 Types of leaves
- B 117 Simple leaves
- B 118 Stipules
- B 119 Leaf venation
- B 120 Compound leaves
- B 121 Phyllotaxy
- B 122 T.S. Dicot root Secondary Growth
- B 123 Leaf Lamina

**Flower & Embryology**

- B 124 Typical flower showing parts
- B 125 Fertilization showing germination of pollen grain

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- B 126 T.S. Anther & its development
- B 127 Megasporogenesis
- B 128 Germination of pollen grain and development of male Gametophyte
- B 129 Development of embryo & endosperms
- B 130 Development of embryo in Sagittaria
- B 131 Embryogeny in Capasella
- B 132 Microsporangium
- B 133 Types of embryo sac.
- B 134 Forms of Androecium
- B 135 Forms of Gynoecium
- B 136 Development of Monocot embryo
- B 137 Placentation
- B 138 Aestivation
- B 139 L.H. Datura
- B 140 Inflorescence Part I showing simple Racemose & Simple Cymose
- B 141 Inflorescence Part II showing compound and special
- B 142 Pollination different types
- B 143 Forms of ovules
- B 144 Forms of Calyx & corolla

**Histology**

- B 145 Plant Anatomy Part I showing Simple Tissues, Parenchyma, collenchyma & Sclerenchyma.

- B 146 Plant anatomy Part II showing complex tissues Xylem
- B 147 Plant anatomy Part III showing complex tissues Phloem.

**Taxonomy**

- B 148 Ranunculaceae—ranunculus
- B 149 Cruciferae—Brassica
- B 150 Papaveraceae—Papaver
- B 151 Caryophyllaceae—Silene
- B 152 Malvaceae—Hibiscus Rosa
- B 153 Rutaceae—Citrus
- B 154 Leguminosae—Lathyrus
- B 155 Leguminosae—(Mimosoideae) Acacia
- B 156 Rosaceae—Rosa Indica
- B 157 Cucurbitaceae—Lufalgyptica
- B 158 Chenopodiaceae—Chenopodium
- B 159 Polygonaceae—Polygonium
- B 160 Compositae—Helianthus
- B 161 Solanaceae—Solanum
- B 162 Asclepiadaceae—Calotropis
- B 163 Labiatae—Salvia
- B 164 Apocynaceae—Nerium
- B 165 Annonaceae—Annona
- B 166 Liliaceae—Allium Cepa
- B 167 Gramineae—Zea Mays
- B 168 Umbelliferae—Coriandrum
- B 169 Convolvulaceae—Ipomoea

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| 3. Types of leaves       | 28. Batrachospermum        | 53. Mono/Dicot Root Comparison             |
| 4. Stem parts            | 29. Ectocarpus             | 54. Mono/Dicot Stem Comparison             |
| 5. Roots                 | 30. Chlamydomonas          | 55. Wood Stem                              |
| 6. Seed and Embryo       | 31. Vaucheria              | 56. Plant Cell Simple                      |
| 7. Maize Germination     | 32. Fungi Types            | 57. Plant Cell (Under Electron Microscope) |
| 8. Sunflower Germination | 33. Mucor                  | 58. Study of Mitosis                       |
| 9. Caster Germination    | 34. Yeast                  | 59. Meiosis Cell Division                  |
| 10. Gram Germination     | 35. Bacteria               | 60. Plant as a Factory                     |
| 11. Bean Germination     | 36. Virus Structure        | 61. Life History of Plant                  |
| 12. Pea Germination      | 37. V.S. Moss Capsule      | 62. Classification of Plants               |
| 13. Pine Germination     | 38. Funaria Life Cycle     | 63. Xerophytes                             |
| 14. Pollination          | 39. Fern T.S. Rachis       | 64. Hydrophytes                            |
| 15. Fertilization        | 40. Fern Life Cycle        | 65. Parasitic Plants                       |
| 16. Structure of Ovule   | 41. T.S. Coralloid Root    | 66. Insectivorous Plants                   |
| 17. Placentation         | 42. Cycas Life Cycle       | 67. Utricularia (Bladderwort)              |
| 18. Stamens              | 43. Selaginella Life Cycle | 68. Nepenthes (Pitcher Plant)              |
| 19. Inflorescence        | 44. Marchanta Life Cycle   | 69. Respiration                            |
| 20. Green Algae          | 45. Plant Tissues-I        | 70. Photosynthesis                         |
| 21. Spirogyra            | 46. Plant Tissues-II       | 71. Stomata & Transpiration                |
| 22. Ulothrix             | 47. T.S. Dicot Root        | 72. Anaerobic Respiration                  |
| 23. Oedogonium           | 48. T.S. Monocot Root      | 73. Movement in Plant                      |
| 24. Oscillatoria         | 49. Dicot Leaf T.S.        | 74. Growth in Plants                       |
| 25. Nostoc               | 50. Monocot Leaf T.S.      | 75. Cycle of Yeasting                      |