

# Biocraft's Fossil Slides

**PERMANENT MICROSLIDES Rs. 356 each**

These are peel sections of plant fossils. With each slide a coloured labelled description card is provided.

## Equisetales

- 1 **Calamites** T.S. Completeround Stem
- 2 **Calamites** T.S.-with branch in association.
- 3 **Stylocalamites** T.S.
- 4 **Young Calamites** T.S.
- 5 **Equisetites**
- 6 **Annualaria** T.S.
- 7 **Calamites Roots**
- 8 **Astromyelon**-pith fully developed.
- 9 **Calamites Root**-pith fully developed.
- 10 **Calamostachys** Binneyana T.S.
- 11 **Calamostachys** Binneyana L.S.
- 12 **Asterocalamites** leaves-branching.
- 13 **Arthropitys** T.S.
- 14 **Arthrodendron** T.S.
- 15 **Calamodendron** showing charactrastic rays.
- 16 **Asterphyllites**
- 17 **Neo-Calamites** T.S.
- 18 **Calamites Sporangia**
- 19 **Calmopitys**
- 20 **Sphenophyllum** Plurifoliatum T.S. stem
- 21 **Sphenophyllum** Plurifoliatum T.S. root
- 22 **Sphenophyllum** Leaf T.S.
- 23 **Sphenophyllum** Cone part
- 24 **Bowmanites** Cone

## Psilophytales

- 25 **Rhynia** Stem T.S.
- 26 **Rhynia** Major T.S.
- 27 **Rhynia** Gwynevaughani T.S.
- 28 **Rhynia** GW T.S.
- 29 **Rhynia** L.S.
- 30 **Rhynia** T.S. fungal spores paleosporites.
- 31 **Rhynia** Sporangium (rare)
- 32 **Rhynia** T.S. Rhizome
- 33 **Horneophyton** T.S.
- 34 **Horneophyton** Sporangium
- 35 **Psilophyton** T.S.
- 36 **Psilophyton** Sporangium
- 37 **Prototaxites** Logani (Arnold : 51)
- 38 **Nematothallus** (Arnold : 52)

## Lycopodiales

- 39 **Lepidodendron** Selaginoides T.S.
- 40 **Lepidodendron** Vasculare T.S.
- 41 **Lepidodendron** Youngaxis T.S.
- 42 **Lepidodendron** Johnsonii T.S.
- 43 **Lepidodendron** Root T.S.
- 44 **Lepidodendrofolium** T.S.
- 45 **Lepidostrobus** Profuse Sporangia
- 46 **Lepidostrobus** Pulvinatus with cone axis

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- 47 **Lepidostrobus** Complete (Peel)
- 48 **Lepidostrobus** Cone L.S.
- 49 **Lepidostrobus** Strobilus
- 50 **Lepidophyllum** Leaves with area of ligule
- 51 **Lepidophyllum** Leaf T.S.-midrib anatomy
- 52 **Lepidophloios** Fuliginosus T.S.
- 53 **Lepidophylloides** Leaf T.S.
- 54 **Lepidocarpon** Wildianum L.S.
- 55 Mazocarpon
- 56 Halonia-leaf bases
- 57 Sigillaria Leaves T.S.
- 58 Sigillaria T.S. Stem
- 59 Sigillaria Phyllum T.S.
- 60 Bothrodendron Stem T.S.
- 61 Bothrodendron Sporangium
- 62 Bothrodendron Spores
- 63 Stigmaria Ficoides with accessory strands.
- 64 Stigmaria Ficoides bunch
- 65 Stigmaria Root T.S.
- 66 Stigmaria T.S. with X2

**Filicales**

- 67 **Botryopteris** Ramosa T.S. Stem
- 68 **Botryopteris** Ramosa Root
- 69 **Botryopteris** Ramosa T.S. Petiole
- 70 **Botryopteris** Cylindrica T.S. Stem
- 71 **Botryopteris** Cylindrica T.S. Root
- 72 **Botryopteris** Cylindrica T.S. petiole
- 73 **Psalixochlaena** (new genus) T.S. petiole
- 74 **Paurodendron**
- 75 **Stauropteris** T.S. primary rachis
- 76 **Stauropteris** T.S. Phyllophore
- 77 **Stauropteris** Megaspore
- 78 **Stauropteris** Microspores
- 79 **Etapteris**-mature-complete H-shaped xylem
- 80 **Etapteris**-Scott-I,II,III rachis stages
- 81 **Ankyropteris** Stem
- 82 **Ankyropteris** Westphaliensis T.S. petiole
- 83 **Zygopterid** Petiole
- 84 **Psaronius** T.S. Root
- 85 **Psaronius** full stem sector (peel).
- 86 **Stipitopteris** (Psaronius petiole)
- 87 **Tempskya** T.S. Root
- 88 **Scolecopteris**-Sporangia
- 89 **Psaronius** Petiole

**Cycadoficales**

- 90 **Lyginopteris** Oldhamia T.S. stem older
- 91 **Lyginodendron** T.S. Stem
- 92 **Lyginopteris** Wood-L.S.
- 93 **Calmototheca** Stem T.S.
- 94 **Rachiopteris** Aspera with V-shaped xylem
- 95 **Sphenopteris**-Young
- 96 **Kaloxylon** Hookeri-Old stage
- 97 **Kaloxylon** Hookeri-Young stage

- 98 **Lageno** Stoma L.S. Cupule
- 99 **Heterangium**-Young with characteristic X1
- 100 **Heterangium** Stem T.S.
- 101 **Schopfiastrum** Decussatum
- 102 **Colpoxylon**-the rare genus with branching
- 103 **Medullosa** Stem perfect T.S.
- 104 **Medullosa** Root
- 105 **Myeloxylon** T.S. complete scattered bundles
- 106 **Neuropteris** distinct T.S. with midrib
- 107 **Pecopteris** T.S.
- 108 **Linopteris**
- 109 **Cyclopteris** T.S.
- 110 **Alethopteris** T.S.
- 111 **Mariopteris**

**Cordaitales**

- 112 **Cordaites** Stem T.S. complete
- 113 **Cordaites** Root-youngest
- 114 **Cordaites** Root-older
- 115 **Cordaites** Leaf T.S.
- 116 **Cordaites** Seed
- 117 **Cordaites** Stem with artisia (Peel)
- 118 **Cardiocarpus** L.S. Seed
- 119 **Cardiocarpus** Spinatus Male flower.
- 120 **Cordaianthus** one or two sections T.S.
- 121 **Cordaitophyllum** T.S. leaf
- 122 **Nucellangium** L.S. well preserved.

**Fossil Angiosperms**

- 123 **Enigmocarpon** Parijai Sahni the fossil fruit.
- 124 **Vearacarpon** Hexaspermum T.S.
- 125 **Sahnianthus** Parijai Shukla L.S.
- 126 **Sahnianthus** Parijai Shukla T.S.
- 127 **Sahnipushpam** SP, Shukla fossil flower
- 128 **Tricoccites**-Single large fruit clear.
- 129 **Shuklanthus** Superbum Verma the monocot inflorescence.
- 130 **Rhizopalmoxylon**-(Palm roots)
- 131 **Sperganities** Seed
- 132 **Azolla** Intertrappea Sahni (Azollites)
- 133 **Rodeites** Sporocarp mega and micro
- 134 **Sausarospermum**-Allied to fossil Salvinia.
- 135 **Palmoxylon** Sclerodermum Sahni T.S.
- 136 **Plamoxylon** Sclerodermum Sahni L.S.
- 137 **Dadoxylon** Resinosum T.S.
- 138 **Dadoxylon** Resinosum L.S.
- 139 **Cycadeoidea** Stem T.S. excellent
- 140 **Dolorothea** Formosa
- 141 **Palaeostachya**
- 142 **Palaeostachya** Cone L.S.
- 143 **Physostoma**
- 144 **Sphaerostoma** seed
- 145 **Proto** Osmundities
- 146 **Pleuromeia**
- 147 **Diplolabis** with Trace