

SLIDE# _____ PROJECT _____
 DATE _____ PROVENIENCE _____
 SCANNER _____ TOTAL SHORT CELLS IN SUM _____

I. POACEAE PHYTOLITHS IN SUM:

PANICOID (Regular) TOTAL
 bilobate (semi-rounded to squared lobes with distinctive shaft) _____

_____ # with length > 20 microns _____

nodular _____

crenate _____

3-lobed _____

cross (measure each) _____

variant 1 _____

variant 2 _____

variant 4 _____

variant 5/6 _____

variant 7 _____

unilobate _____

PANICOID (Complex tops)

30IIAa100Bb (12P) _____

30IIAa100Bc (11P) _____

30IIAa200Ac (8P) _____

30IIAa200Ad (4P/5P) _____

30IIAa200Bb (17P) _____

30IIAc1 MU (19P) _____

30IIAc200 *Eriochloa* (6P) _____

30IIAc201 (7P) _____

30IIAc202 (15P) _____

30IIBa103 *Arundinella* _____

30IIBc201 (1F) _____

Tripsacum fruitcase _____

Zea inflorescence bodies:

Zea mays wavy top rondel _____

Zea mays gracile sphere _____

Zea spp. ruffle top rondel _____

Zea spp. half-dec, rondel _____

Zea spp. half-dec, oblong _____

Zea spp. robust globular sphere _____

Zea spp. (not maize) blocky body, semi-circular cuts _____

Zea spp. and some other Panicoid grasses

rectangular IRP > 7.5 microns _____

irregular IRP _____

Zea mays ssp. *parviglumis* fruitcase _____

TOTAL PANICOID SHORT CELLS _____

FESTUCOID/POOID

round to oblong _____

square to rectangular _____

long, sinuous _____

30IIAb4 *Polypogon* (Pooideae) _____

TOTAL FESTUCOID SHORT CELLS _____

CHLORIDOID (Regular)

saddle, squat ($H < W$, or $H=W$) _____

with height < 15 microns _____

30IICb103 *Aegopogon* (Chloridoideae) _____

TOTAL CHLORIDOID _____

ARUNDINOIDEAE

30IICa2 (4C) Arundinoideae _____

30IICc101 *Aristida* (Arundinoideae) _____

TOTAL ARUNDINOIDEAE _____

BAMBUSOIDEAE

Bambus. bilobate (squat, no or indistinct shaft) _____

with length < 20 microns _____

30IICc102 Bambusoideae saddle/bilobate _____

Guadua/Chusquea group _____30IIAb2 *Chusquea pittieri* _____

30IIBa202 (9F) _____

30IIBb200 (12F) _____

30IICa101 (2C/3C) _____

30IICa102 *Chusquea* (7C) _____

30IICb101 (8C) _____

30IICb102 saddle with ridged platform _____

Olyreae tribe (measure crosses) _____

30IIAb1 Variant 3/8 cross/bilobate _____

30IIAc300Be, 2-3 spike, elongated _____

Other bamboo genera:

30IIAa3 *Raddiella* _____30IIAb3 *Otatea fimbriata* _____30IIAc300Ba *Maclurolyra* _____30IIAc300Bb *Arberella* _____30IICb100 *Streptochaeta* (1C, 6C) _____30IICc100 *Neurolepis* _____*Pharus* _____

30IIAa100Ba wide bilobate _____

30IIBc101 (14F, 20F) _____

30IIBd201 (13F) _____

TOTAL BAMBUSOIDEAE _____

BAMBUSOIDEAE AND ARUNDINOIDEAE

saddle, tall (height > width) _____

with height > 15 microns _____

30IIBa104 narrow, elliptoid bodies _____

TOTAL BAMBUSOIDEAE AND ARUNDINOIDEAE _____

TOTAL POACEAE IN SUM _____

II. POACEAE PHYTOLITHS OUTSIDE SUM:

Redundant Complex short cells TOTAL _____

Lobed Bases:

30IIAa100Aa (10P) _____

30IIAa100Ab (14P) _____

30IIAa200Aa (20P) _____

30IIAa200Ab (2P) _____

30IIAa200Ba (1P) _____

30IIAc300Aa (13P) _____

30IIAc300Ab (18P) _____

30IIAc300Bc (16P) _____

30IIAc300Bd (9P) _____

Rondel Bases:

30IIBa100 (21F) _____

30IIBa101 (22F) _____

30IIBa102 (23F) _____

30IIBa200 (16F) _____

30IIBa201 (4F) _____

30IIBb1 (15F) _____

30IIBb201 (5F) _____

30IIBb202 (19F) _____

30IIBc100 (11F) _____

30IIBc102 (10F) _____

30IIBc103 (18F) _____

30IIBc200 (2F) _____

30IIBd100 (6F) _____

30IIBd101 (8F) _____

30IIBd200 (7F) _____

Saddle Base:

30IICa100 (5C) _____