

Fig. 8 *Schizachyrio-Rhynchosporetum mitracarpetosum* 1/25 x

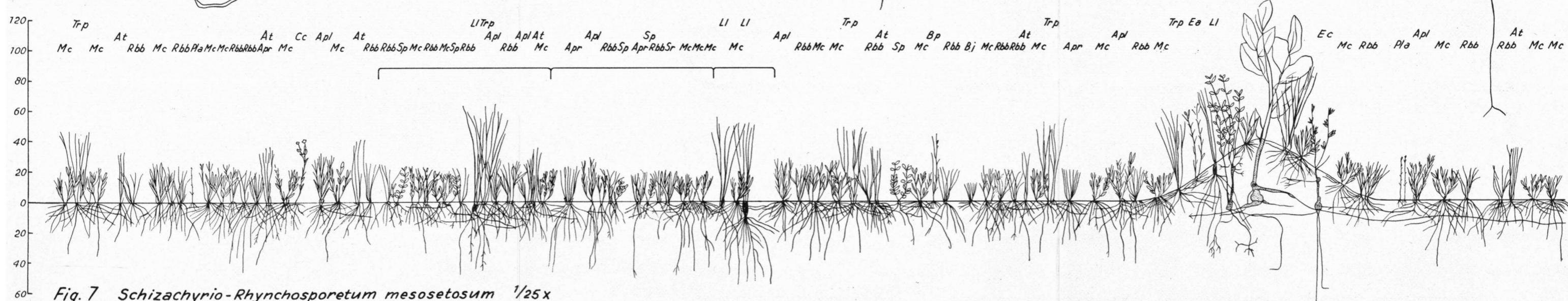
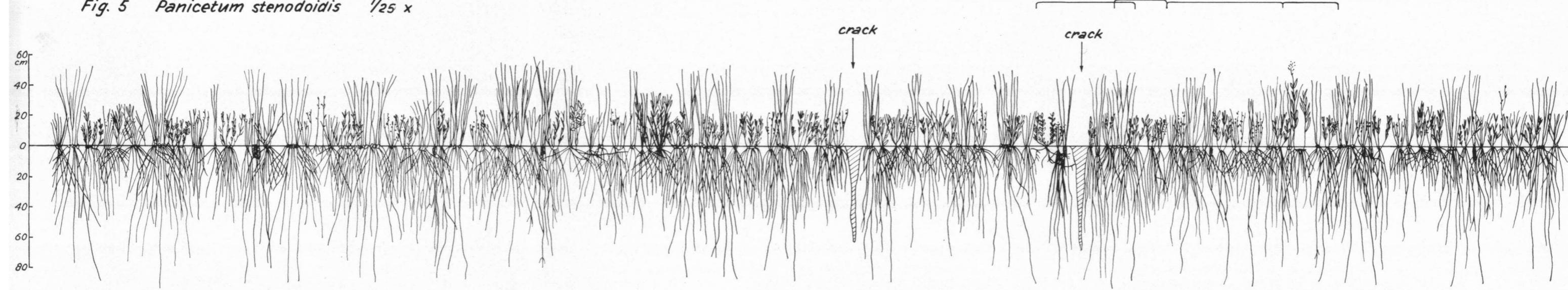


Fig. 7 *Schizachyrio-Rhynchosporetum mesosetosum* 1/25 x

Rgl Rgl At LI Rgl Pla Rgl A/LI Rgl Rgl LI Trp Rgl Rgl/At Rgl LI Rgl Rgl Rgl Rgl Rgl AI Rgl LI LI LI Rgl Rgl/Rgl/At LI At Rgl/Rgl/Pn Rgl Rgl LI Rgl Rgl LI Pl.I Rgl  
 Apr Mc Ps Apl/Rbb Mc Ps Mc Ps Rbb Ps Apr/Mc Ps Mc Ps Rbb Rbb/Mc Tg Apr Ps Apl/Rbb/Mc Ps/Mc Apr/Mc Ps Mc Mc Ps Mc Rbb/Ps Mc Rbb/Mc Ps Mc Apr/Sp Ps Mc Ps Mc Mc Ps Apl/Ps Apl Mc Ps Ps Mc Mc Ps Mc Ps Apl/Ps Apl Mc Rbb/Mc Rbb/Mc Rbb

Fig. 5 *Panicetum stenodoidis* 1/25 x



Ll Lt Ll/Ll Ppc Cl/Ppc Ppc/Ppc Rgr/Pm/Rt/Xs/Rbg Aa Pm/Ppc Rgr/Ml Bci/Ppc Pm Rbg Ppl  
 Rbg Rgr Pm Bci Pm/Ml Bco



Fig. 6 *Syngonantho-Lagenocarpetum* *Xyrido-Paspaleum* 1/25 x

*Bulbostylidetum circinatae typicum*

*Bulbostylidetum circinatae*  
*bulbostylidetosum coniferae*

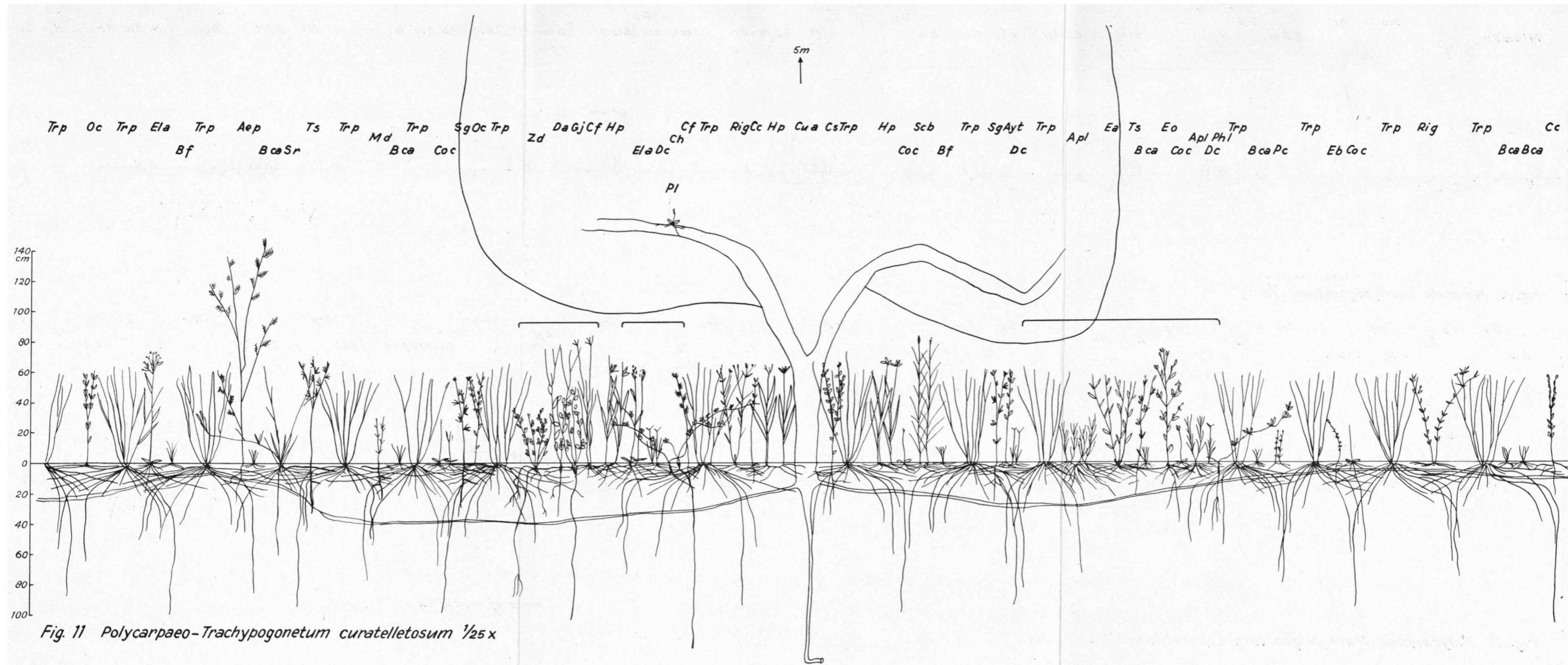


Fig. 11 Polycarpaeo-Trachypogonetum curatelletosum 1/25x

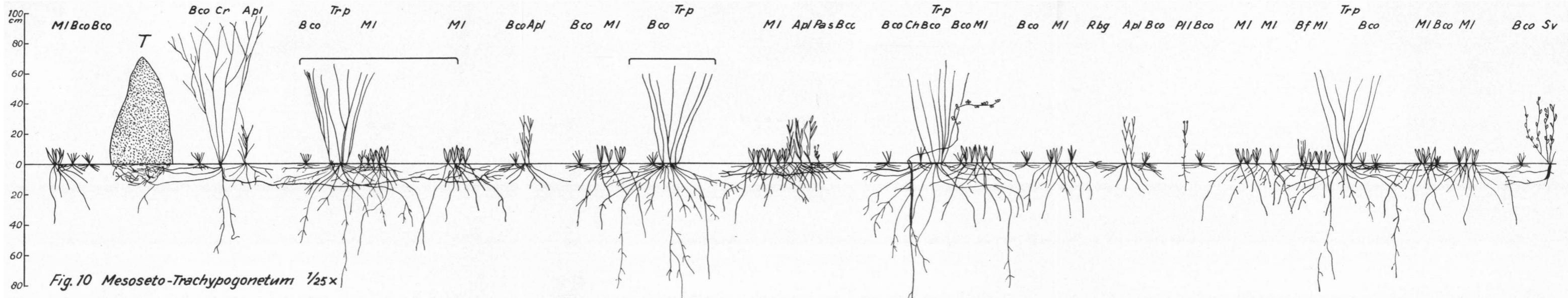


Fig. 10 *Mesoseto-Trachypogonetum*  $\frac{1}{25}x$

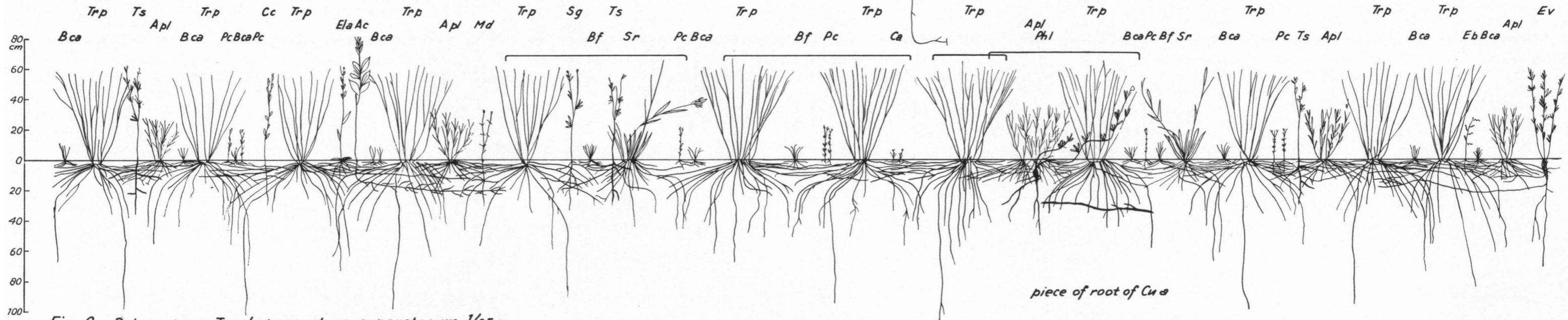
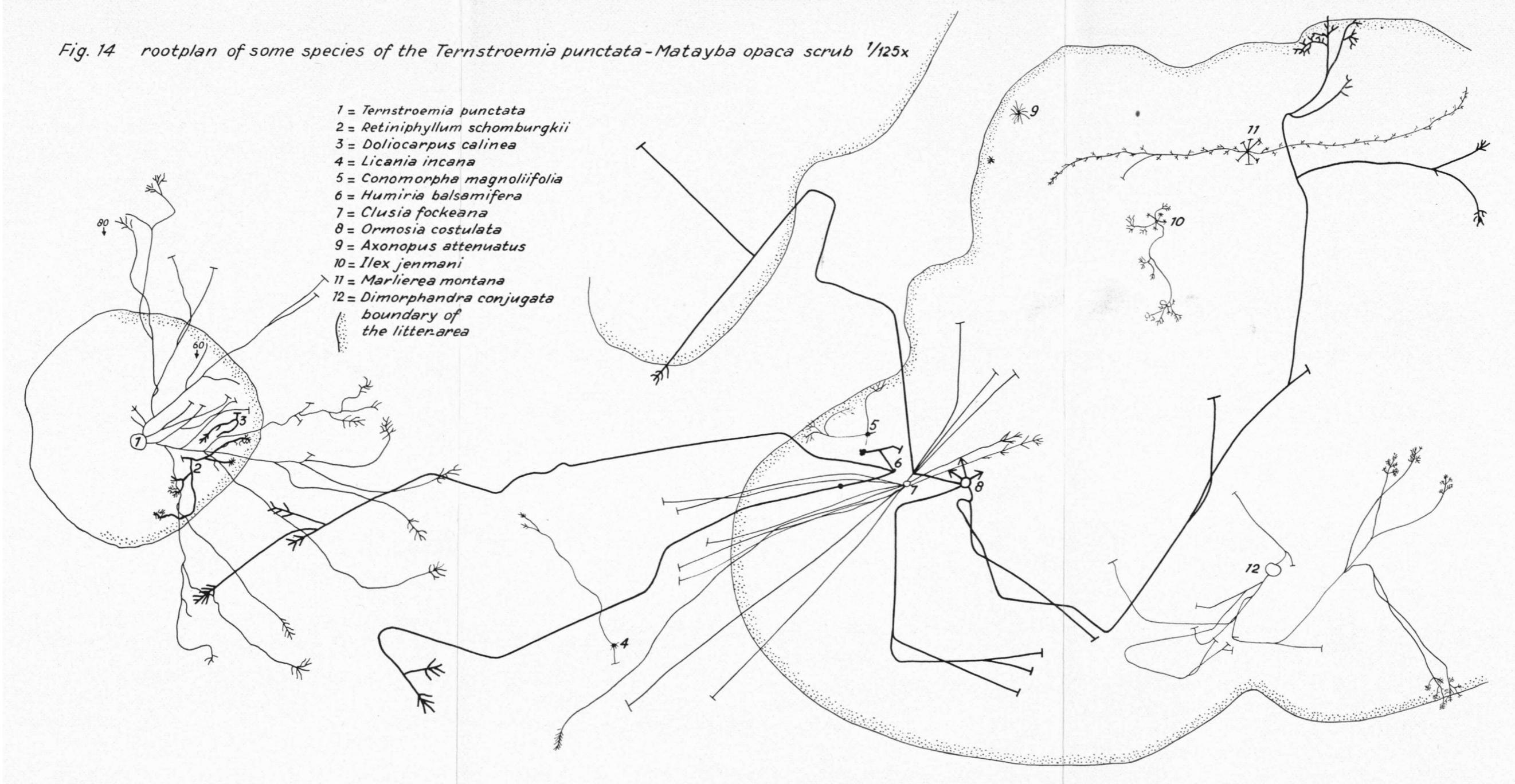
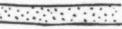
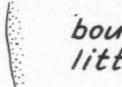


Fig. 9 *Polycarpaeo-Trachypogonetum cyperetosum*  $\frac{1}{25}x$

Fig. 14 rootplan of some species of the *Ternstroemia punctata*-*Matayba opaca* scrub 1/125x



- 1 *Comolia vernicosa*  
 2 *Clusia fockeana*  
 3 *Marierea montana*  
 4 *Ternstroemia punctata*  
 5 *Humiria balsamifera*  
 6 *Bactris campestris*  
 7 *Scleria pyramidalis*  
 8 *Licania incana*  
 9 *Lisanthus uliginosus*  
 10 *Actinostachys pennula*  
 11 *Lagenocarpus amazonicus*

 litter  
 boundary of litter-area

260 cm  
240  
220  
200  
180  
160  
140  
120  
100  
80  
60  
40  
20  
0  
20  
40  
60

Pap Xg Ss Pm Rgr Mrt Xs Rbg Aa Pm Ppc Drc Ph Pla Xg Pap Xg Uf

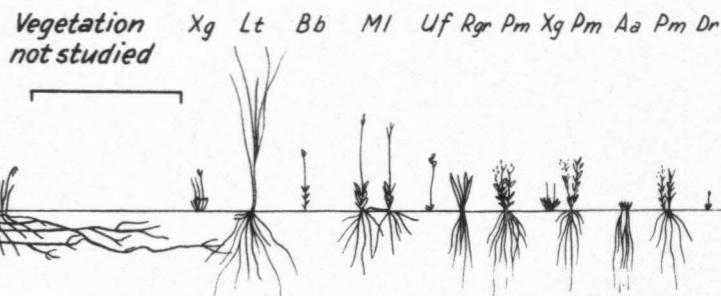
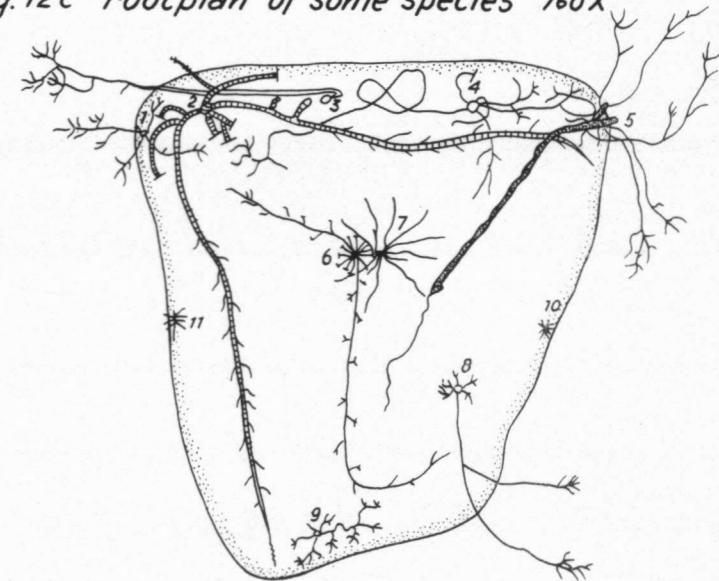
Vegetation not studied



Fig.12a Xyrido-Paspaleum

Fig.12b Clusia fockeana-Scleria pyramidalis scrub Comolia vernicosa variant 1/25x

Fig.12c rootplan of some species 1/60x



Xyrido-Paspaleum

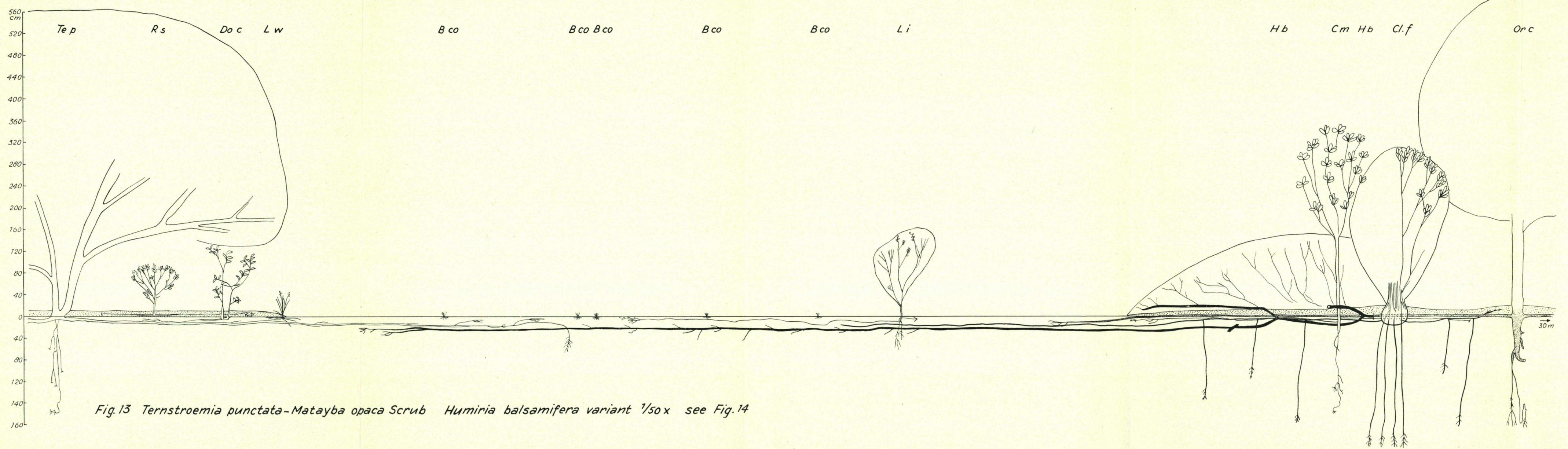


Fig. 13 *Ternstroemia punctata*-*Matayba opaca* Scrub *Humiria balsamifera* variant  $\frac{1}{50}x$  see Fig. 14

LEGEND TO FIGS. 5-14

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A a	<i>Abolboda americana</i>	L i	<i>Licania incana</i>
Ac p	<i>Actynostachys pennula</i>	L c	<i>Lisanthus coerulescens</i>
A c	<i>Amazonia campestris</i>		
A l	<i>Andropogon leucostachyus</i>	Ma m	<i>Marlierea montana</i>
A t	<i>Aristida tincta</i>	M c	<i>Mesosetum cayennense</i>
A pl	<i>Axonopus pulcher</i>	M l	" <i>loliiforme</i>
A pr	" <i>purpusii</i>	M d	<i>Mitracarpus discolor</i>
Ay t	<i>Ayenia tomentosa</i>	M m	" <i>microspermus</i>
Ae p	<i>Aeschynomene paniculata</i>	Or c	<i>Ormosia costulata</i>
Bc c	<i>Bactris campestris</i>	O c	<i>Oxypetalum capitatum</i>
B p	<i>Buchnera palustris</i>		
B ca	<i>Bulbostylis capillaris</i>	Pa p	<i>Paepalanthus polytrichoides</i>
B ci	" <i>circinata</i>	Pa s	" <i>subtilis</i>
B co	" <i>conifera</i>	P m	<i>Panicum micranthum</i>
B f	" <i>fasciculata</i>	P n	" <i>nervosum</i>
B j	" <i>junciformis</i>	P s	" <i>stenodoides</i>
B b	<i>Burmannia bicolor</i>	P pl	<i>Paspalum polychaetum</i>
C c	<i>Cassia cultrifolia</i>	P pc	" <i>pulchellum</i>
C f	" <i>flexuosa</i>	P h	<i>Perama hirsuta</i>
C h	" <i>hispidula</i>	Ph l	<i>Phaseolus longepedunculatus</i>
C r	" <i>ramosa</i> var. <i>ramosa</i>	P c	<i>Polycarpaea corymbosa</i>
Cl f	<i>Clusia fockeana</i>	Pl a	<i>Polygala adenophora</i>
C l	<i>Comolia lythraeoides</i>	Pl l	" <i>longicalvis</i>
C v	" <i>vernicaosa</i>	P l	<i>Polystachya luteola</i>
C m	<i>Conomorpha magnoliifolia</i>	R s	<i>Retiniphyllum schomburgkii</i>
Co c	<i>Conyzia chilensis</i>	R bb	<i>Rhynchospora barbata</i> var. <i>barbata</i>
C s	<i>Crotalaria stipularis</i>	R bg	" " var. <i>glabra</i>
Cu a	<i>Curatella americana</i>	R gl	" <i>globosa</i>
C a	<i>Cyperus amabilis</i>	R gr	" <i>graminea</i>
C f	" <i>flavus</i>	R t	" <i>tenuis</i>
D a	<i>Desmodium asperum</i>	Ri g	<i>Riencourtia glomerata</i>
D c	<i>Dichronema ciliata</i>	S s	<i>Sauvagesia sprengelii</i>
Di c	<i>Dimorphandra conjugata</i>	S r	<i>Schizachyrium riedelii</i>
Do c	<i>Doliocarpus calinea</i>	Sc b	<i>Scleria bracteata</i>
Dr c	<i>Drosera capillaris</i>	Sc p	" <i>pyramidalis</i>
El a	<i>Elephantopus angustifolius</i>	S p	<i>Sipanea pratensis</i>
E c	<i>Eriosema crinitum</i>	S g	<i>Stylosanthes guianensis</i>
E v	" <i>violaceum</i>	S v	" <i>viscosa</i>
E a	<i>Eupatorium amygdalinum</i>	Sy g	<i>Symplocos guianensis</i>
E o	" <i>odoratum</i>	T	termitary
E b	<i>Euphorbia brasiliensis</i>	T p	<i>Tephrosia purpurea</i>
G c	<i>Galactia jussieuana</i>	T s	" <i>sessiliflora</i>
H p	<i>Heliconia psittacorum</i>	Te p	<i>Ternstroemia punctata</i>
H b	<i>Humiria balsamifera</i>	T a	<i>Tibouchina aspera</i>
I j	<i>Ilex jenmani</i>	Tr p	<i>Trachypogon plumosus</i>
L a	<i>Lagenocarpus amazonicus</i>	U f	<i>Utricularia fimbriata</i>
L t	" <i>tremulus</i>	X g	<i>Xyris guianensis</i>
L w	" <i>weigelti</i>	X s	" <i>surinamensis</i>
L l	<i>Leptocoryphium lanatum</i>	Z d	<i>Zornia diphylla</i>

When a root has not been followed further, this is indicated by a dash, or, when it went downwards by an arrow.

A part drawn after a nail board is indicated by a horizontal line at the top of the figure.