

SHRUB WOODLAND VEGETATION on the slopes of the '4-GEBROEDERS MOUNTAINS'

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Humiria balsamifera with botanical assistant John Tawjoeran

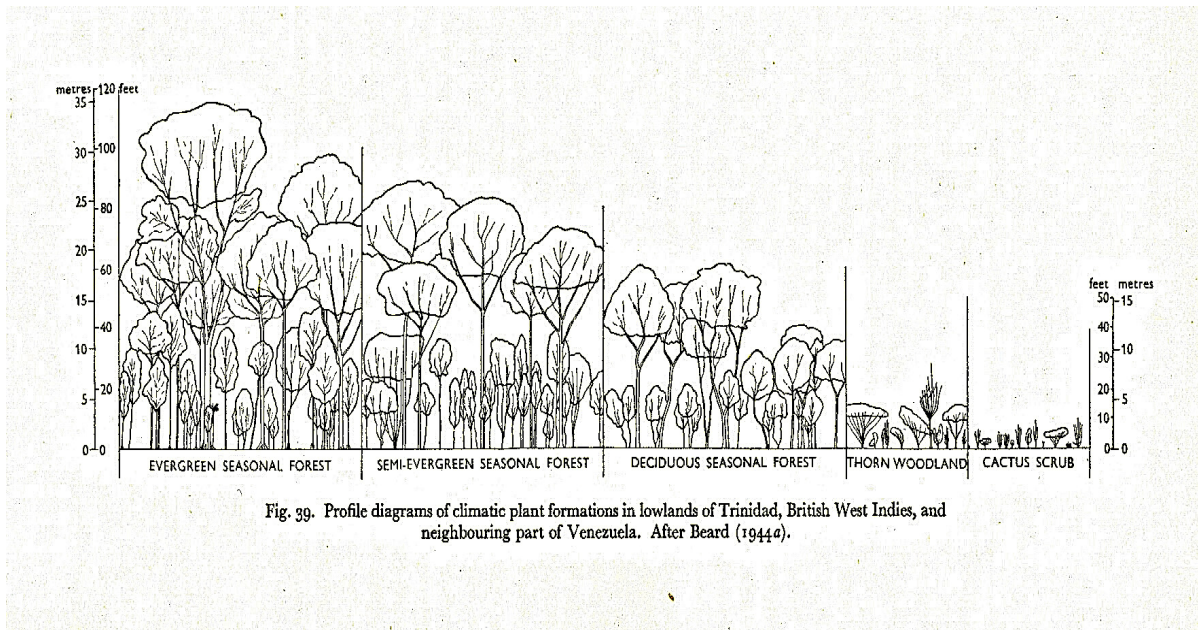
This type of vegetation also occurs on the 'Threshold', a ridge of somewhat higher hills south of '4-Gebroeders', which blocks the view towards the Southern part of the Sipaliwini savanna..

The spatial distribution of the SHRUB WOODLAND vegetation can be seen in our TRANSECT chapter (elsewhere on this site). It is prominently present in Transect B, represented by legend nr. 2 + 3.

In essence it is a low and rather open type of **forest**. For that reason it has not been incorporated in our TABLES (see VEGETATION) with their focus on the continuum of typical **grassland** communities.

It is an even more xerophytic and deciduous type of forest, lower structured as well, than that bordering the great savanna to the West (provisionally classified as Semi-evergreen Seasonal Forest).

Apart from the herb layer our SHRUB WOODLAND may be classified as a Deciduous Seasonal Forest, Type III according to Beard (1944 b) and shown in a profile diagram in 'The Tropical Rain Forest' by Richards (1964).



The TREELET VEGETATION on the 'toes' of the '4-Gebroeders' mountains, grading into the savanna proper has been described and analysed by using a **forestry line count method**, bypassing our usual Braun-Blanquet, phytosociological method. The complete data and further analysis will be published on this site at a later stage.

For the time being we like to characterise this distinct type of vegetation as Formation type V. Please see 'Oldenburger, Norde and Riezebos (1973): Ecological Investigations on the Vegetation of the Sipaliwini Savanna Area', tab Vegetation.



Himatanthus articulatus

A list of plant species is added.

References

1. Oldenburger F., R.Norde and H.Th. Riezebos, 1973: Ecological Investigations on the Vegetation of the Sipaliwini Savanna (Southern Surinam), Utrecht.
2. Richards P.W.1964: The Tropical Rainforest (Cambridge).



Working on the line count: Leo Roberts and Reinoud Norde

V SHRUB-WOODLAND FORMATION ON "INSELBERG" SLOPES

occurrence in
other groups

- Anacard.
Astronidium lecointei Ducke
Tapirira guianensis Aubl. var. cuneata Engl.
- Annon.
Annona sericea Dun.
Xylopia frutescens Aubl.
- Apoc.
Himatanthus articulatus (Vahl) Woods
" " bracteatus (A.D.C.) R.E. Woodson
Mandevilla scabra (R. et S.) K. Schum.
var. intermedia Mill. Arg.
- Asclep.
Blepharodon nitidus (Vell.) Mcbr.
- Bign.
Jacaranda obtusifolia H. et B.
var. rhombifolia (G.F.W. Mey.) Sandw.
- Dill.
Davilla aspera (Aubl.) R. Ben.
" " rugosa Poir.
Doliocarpus calinea J.F. Gmel.
" " guianensis (Aubl.) Gilg.
- Erythrox.
Erythroxylum sp. ON 314
- Euph.
Pera nitida (benth.) Jabl.
- Gram.
Raddiella nana (Doell.) Swallen
- Gutt.
Vismia latifolia (Aubl.) Choisy
- Hum.
Humiria balsamifera (Aubl.) St. Hil. var. balsamifera
" " " " " var. floribunda
(Mart.) Cuatr.
Sacoglottis guianensis Benth.
" " " " " var. guianensis
- Malp.
Byrsonima coriacea (Schwartz) Kunth
var. spicata (Cav.) Ndz.
Camarea affinis St. Hil.
- Melast.
Miconia ciliata DC.
" " sp. ON 296
- Mimos.
Anadenanthera peregrina (L.) Speg. var. peregrina
Piptadenis sp. ON 330=454
- Myrsin.
Rapanea guianensis Aubl.
- Myrt.
Myrcia bracteata (Rich.) DC.
sp. ind. ON 818
- Papil.
Andira surinamensis (Bondt) Splitg. ex Palle
Cassia faginoides Vog.
" " hispidula Vahl
Crotalaria maypurensis H.B.K.
Lonchocarpus floribundus Benth.
Stylosanthes guianensis (Aubl.) Sw. var. gracilis (H.B.K.) Vog.
- Prot.
Roupala montana Aubl.

VI

II

- Ros.
Hirtella racemosa Lam. var. *hexandra* (Willd.
ex R. et S.) Prance
,, *glandulosa* Sprengel
- Rub.
Alibertia edulis (L.C. Rich.) A. Rich. ex DC.
,, *myrcifolia* (Spruce ex H. Sch.) H. Sch.
var. *myrcifolia*
Genipa caruto H.B.K.
Guettarda viburnoides Cham. et Schl.
cf. fo. *pannosa* Mill. Arg.
Malanea sarmentosa Aubl. cf. fo. *tomentosa* Steyerem.
Mapouria borjensis (H.B.K.) Mill. Arg.
Psychotria bracteata DC.
Thieleodoxa nitidula Brem.
Tocoyena surinamensis Brem.
Uncaria guianensis (Aubl.) Gmel.
- Rut.
Fagara rhoifolia (Lam.) Engl.
- Simar.
Simarouba amara Aubl.
- Symploc.
Symplocos guianensis (Aubl.) Gürke var. *guianensis*
,, aff. *guianensis* (Aubl.) Gürke ON 937
,, sp. ON 220
- Theac.
Ternstroemia dentata (Aubl.) Sw.
- Verb.
Aegiphyla lhotzkiana Cham.
Amazonia campestris (Aubl.) Moldenke
Vitex cf. *polygama* Cham. var. *bakeri* Moldenke
ON 313, 323, 360
-
- Hymenoph.
Trichomanes primatum Hedw.
- Polypod.
Polypodium percussum Cav.
- Schiz.
Anemia pallida Gardn.



Simarouba amara