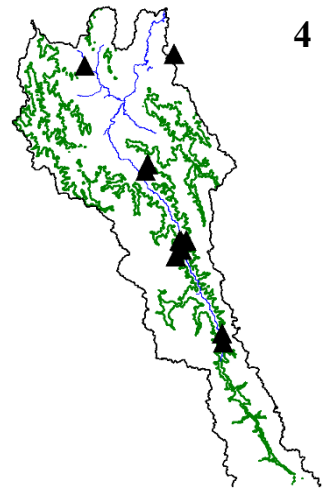


Common Apocynaceae Species of the Marañón Seasonally Dry Tropical Forest

Yawei Cao*, Zoë A. Goodwin*, Paúl Gonzáles‡, Tiina Särkinen*

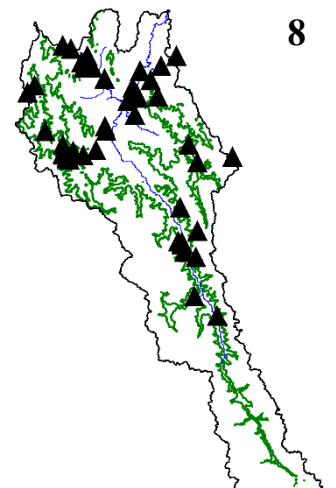
*Royal Botanic Garden Edinburgh, ‡Universidad Nacional Mayor de San Marcos.

Allamanda weberbaueri Markgr.



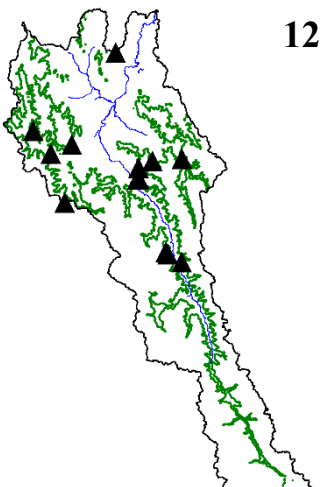
Erect shrub or tree, to 5 m. 1100-2400 m. Endemic to the Marañón SDTF. VU, B1a¹. 1 Habit. 2 Corolla. 3 Fruit. 4 Distribution in the Marañón SDTF.

Prestonia mollis Kunth



Liana. 300-2300 m. Widespread. 5 Habit. 6 Leaf. 7 Corolla. 8 Distribution in the Marañón SDTF.

Mandevilla callacatensis Markgr.



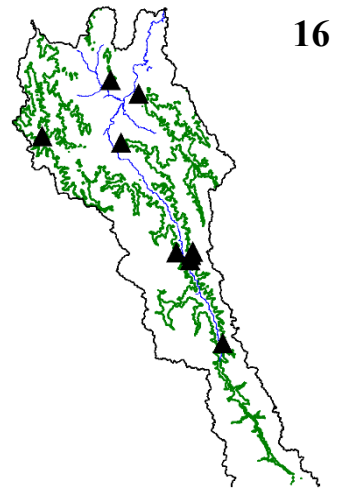
Liana. 1100-2500 m. Endemic to Peru. 9 Branch. 10 Inflorescence. 11 Corolla. 12 Distribution in the Marañón SDTF.

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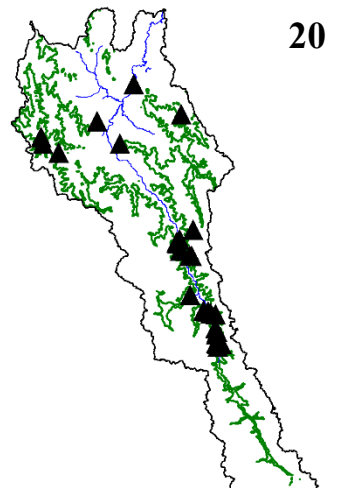
*Royal Botanic Garden Edinburgh, ‡Universidad Nacional Mayor de San Marcos.

Asclepias curassavica L.



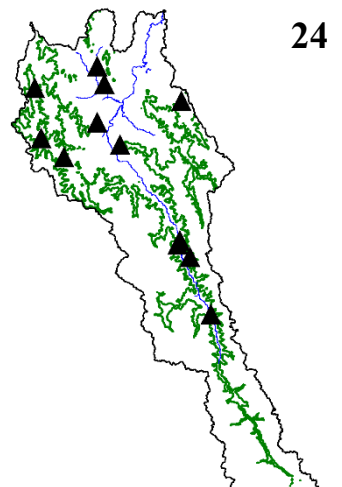
Herb, 0.3-1 m. 600-2300 m. Widespread. 13 Habit. 14 Corolla. 15 Fruit. 16 Distribution in the Marañón SDTF.

Vallesia glabra (Cav.) Link



Shrub or tree, to 3 m. 400-2100 m. Widespread. LC². 17 Branch. 18 Leaf detail. 19 Flowers. 20 Distribution in the Marañón SDTF.

Rauvolfia tetraphylla L.



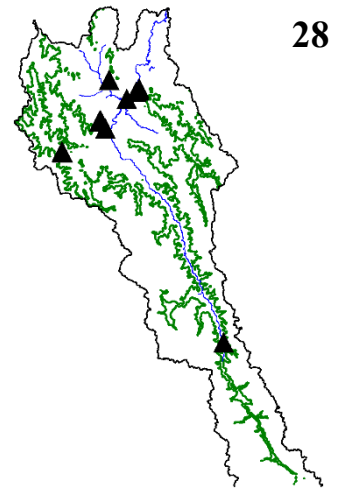
Shrub. 800-1200 m. Widespread. 21 Habit. 22 Flowers. 23 Fruit. 24 Distribution in the Marañón SDTF.

Common Apocynaceae Species of the Marañón Seasonally Dry Tropical Forest

Yawei Cao*, Zoë A. Goodwin*, Paúl Gonzáles‡, Tiina Särkinen*

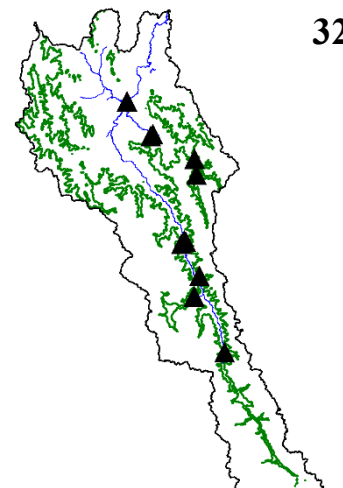
*Royal Botanic Garden Edinburgh, ‡Universidad Nacional Mayor de San Marcos.

Funastrum clausum (Jacq.) Schltr.



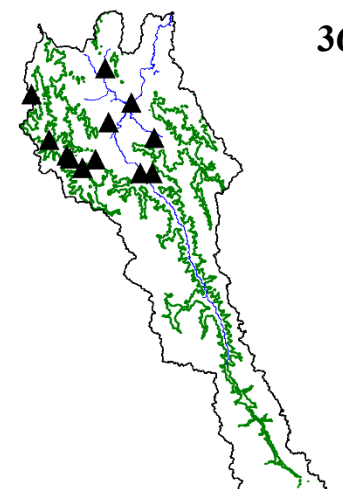
Liana, to 6 m. 500-1500 m. Widespread. 25 Habit. 26 Inflorescence. 27 Corolla. 28 Distribution in the Marañón SDTF.

Philibertia solanoides Kunth



Liana, to 2 m. 500-1700 m. Widespread. 29 Inflorescence. 30 Corolla. 31 Fruit. 32 Distribution in the Marañón SDTF.

Aspidosperma polyneuron Müll.Arg.



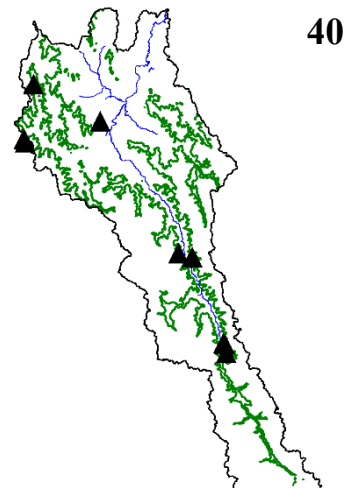
Tree, to 20 m. 300-1200 m. Widespread. EN³. 33 Habit. 34 Branch. 35 Inflorescence. 36 Distribution in the Marañón SDTF.

Common Apocynaceae Species of the Marañón Seasonally Dry Tropical Forest

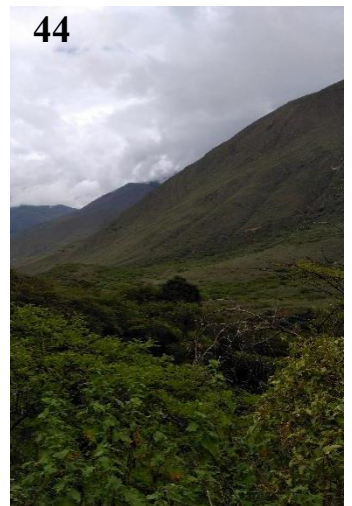
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*Royal Botanic Garden Edinburgh, ‡Universidad Nacional Mayor de San Marcos.

Ruehssia cundurango (Triana) Liede & H.A.Keller



Scandent shrub, 1-2.5 m. 1600-2100 m. Widespread. **37** Leaf. **38** Corolla. **39** Fruit. **40** Distribution in the Marañón SDTF.



The ten species featured here are the most common Apocynaceae species found in the Marañón SDTF, it is thought that there at least another 23 species⁴ many of which are currently undescribed or are poorly known locally restricted endemics⁵. The Marañón SDTF shows a stratification of vegetation types by altitude, this is most pronounced in the upper reaches of the watershed (south of Cumba). *Rauvolfia tetraphylla* is typical of riverine vegetation which is usually most under pressure from agriculture (**41**) & around settlements. *Vallesia glabra*, *Funastrum clausum*, *Philibertia solanoides* & *Aspidosperma polyneuron* are common in the most xeric SDTF to 1000 m which is dominated by cacti, *Eriotheca* and spiny Leguminosae (**42**). From 1000-1500 m the vegetation typically grades to *Croton* spp shrubland (**43**). *Allamanda weberbaueri*, *Mandevilla callacatensis* & *Ruehssia cundurango* can be found in *Vachellia* spp-dominated woodland at 1500-2300 m (**44**). *Prestonia mollis* & *Asclepias curassavica* are weedy species found throughout all elevations of the dry forest, especially in disturbed places (roadsides, riverbanks etc).

1. Blanca, L. et al. 2006. El libro rojo de las plantas endémicas del Perú. *Rev. peru. biol.* Número especial **13(2)**: 46s - 48s
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3. Americas Regional Workshop (Conservation & Sustainable Management of Trees, Costa Rica, November 1996). 1998. *Aspidosperma polyneuron*. *The IUCN Red List of Threatened Species* 1998: e.T32023A9674981. <https://dx.doi.org/10.2305/IUCN.UK.1998.RLTS.T32023A9674981>. en. Downloaded on 28 October 2021.
4. Cao Y. 2021. *An Annotated Checklist of Apocynaceae in the Marañón Seasonally Dry Tropical Forest (Peru)*. Edinburgh: University of Edinburgh MSc Thesis.
5. Liede-Schumann S, & Meve U. 2013. The Orthosinae revisited (Apocynaceae, Asclepiadoideae, Asclepiadeae). *Ann. Mo. Bot. Gard.* 99(1):44–81. <https://dx.doi.org/10.3417/2010130>.

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