

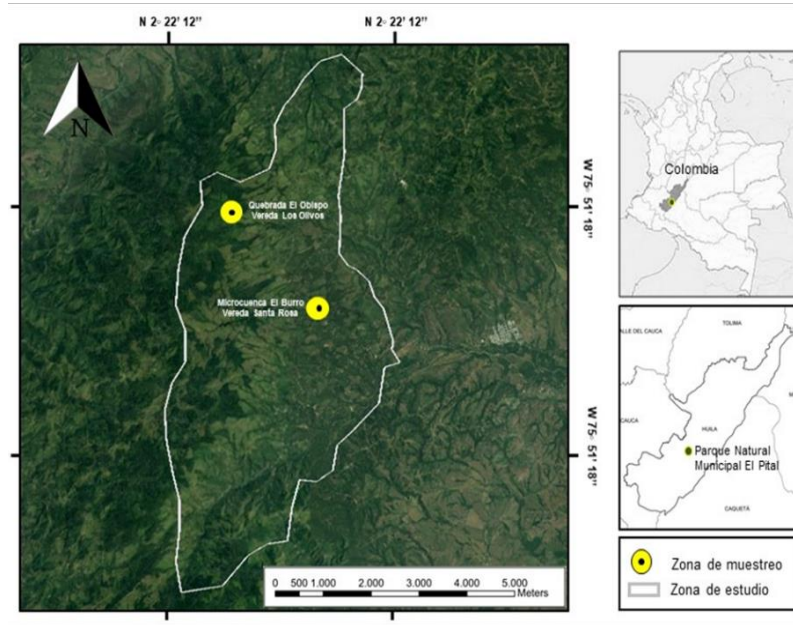
Piperaceae from the Park Natural Municipal El Pital

Edwin Arrigui-Torres, Andrés Mauricio Patiño-Rojas, Jeison Herley Rosero-Toro & Hilda del Carmen Dueñas-Gómez
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Photos: Edwin Arrigui-Torres [edwin.arrigui2512@gmail.edu.co]. Produced by Edwin Arrigui-Torres, Andrés M. Patiño-Rojas [andresmauriciop@gmail.com], Jeison H. Rosero-Toro [Jeison.rosero@usco.edu.co] with the assistance of Juliana Philipp, and Rayane Ribeiro, Field Museum. Support: Mayor's Office of El Pital, and Surcolombiana University. Legend: **= species endemic of Colombia, LC = Species categorized as List Concern (IUCN Red List).

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The research base of this publication was developed in the El Pital Municipal Natural Park, El Pital Municipality. This municipality is located in east-central Huila Department, in the lower part of the Cordillera Central. The park has an area of 5,262.74 ha and a perimeter of 48.07 km, with elevations from 1500-2400 m, occupying 33.38% of the total area of the municipality. The climate is characterized by high rainfall, nourishes the Yaguilga, El Burro, and El Obispo watersheds, among others.

It should be noted that, for the department of Huila, El Pital Park has the largest number of properties protected as a Municipal Natural Park, representing 20% of the total area of municipality, and identifying 421 water springs each cover an area of 250.64 hectares, equivalent to 3.72 % of protected area. In addition, there is the Serranía de las Minas Regional Natural Park in El Pital municipality. These two parks are considered a buffer zone for the Puracé National Natural Park. The research was financed by the El Pital mayor's office and the Surcolombiana University, with the support of the SURCO herbarium, the pedagogy and biodiversity research group, and the Mamakiwe nursery.



1 *Peperomia alata* (LC) 2 *Peperomia alata* (LC) 3 *Peperomia discilimba* 4 *Peperomia discilimba* 5 *Peperomia maculosa*

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6 *Peperomia maculosa*



7 *Peperomia obtusifolia* (LC)



8 *Peperomia obtusifolia* (LC)



9 *Peperomia pereskiiifolia*



10 *Peperomia pereskiiifolia*



11 *Peperomia rhombea*



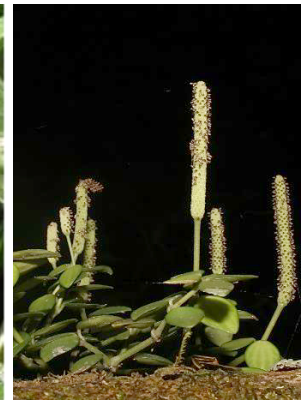
12 *Peperomia rhombea*



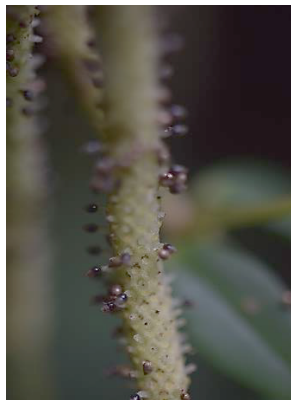
13 *Peperomia rotundifolia*



14 *Peperomia rotundifolia*



15 *Peperomia tetraphylla* (LC)



16 *Peperomia tetraphylla* (LC)



17 *Piper aduncum* (LC)



18 *Piper aduncum* (LC)



19 *Piper antioquiense***



20 *Piper antioquiense***

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21 *Piper artanthe*



22 *Piper artanthe*



23 *Piper crassinervium*



24 *Piper crassinervium*



25 *Piper grande* (LC)



26 *Piper grande* (LC)



27 *Piper piedecuestanum***



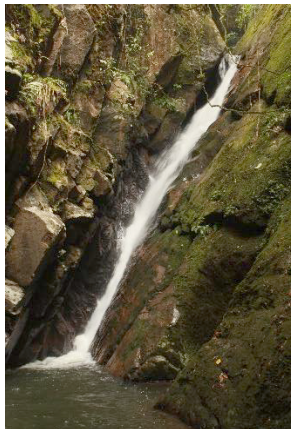
28 *Piper piedecuestanum***



29 *Piper piojoanum***



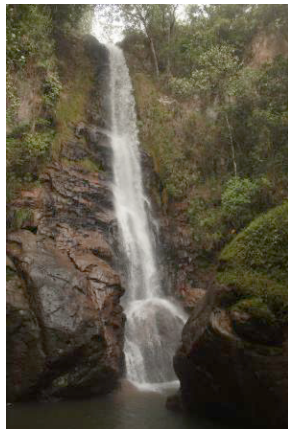
30 *Piper piojoanum***



31 El Silencio Waterfall,
 El Burro micro-basin,
 PNM El Pital – Huila



32 El Encanto Waterfall,
 El Burro micro-basin,
 PNM El Pital – Huila



33 El Burro Waterfall, El
 Burro micro-basin,
 PNM El Pital – Huila



34 Citizen science,
 El Pital – Huila.



35 Nancy Torres Sanchez