



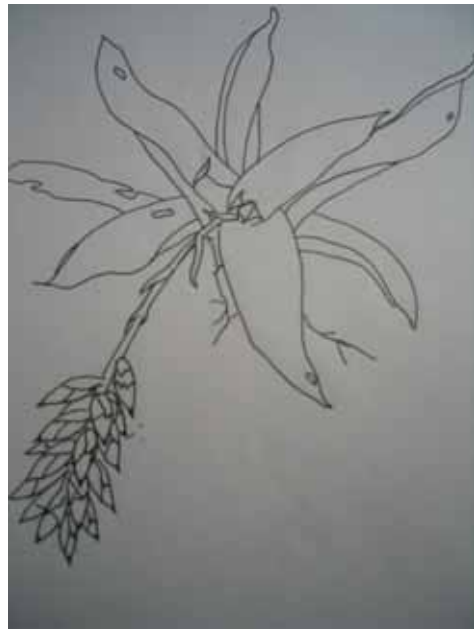
## **Flowering Bromeliads of the Chirripó National Park Region**

By  
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## *Catopsis nutans*

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<b>Species:</b>	<i>Catopsis nutans</i>
<b>Inflorescence:</b>	Simple
<b>Scape:</b>	Pendulous to erect
<b>Bracts:</b>	Green, 5-20 mm
<b>Petals:</b>	Yellow
<b>Blooming:</b>	From June to August, but I also saw flowers in December
<b>Habit:</b>	Epiphytic
<b>Height:</b>	6-20 cm
<b>Leaves:</b>	Ligulate laminae, 4-22 x 1-3 cm, green
<b>Habitat:</b>	Dry and rain forests
<b>Location:</b>	Cloudbridge, 1500 m elevation

## *Unknown 1*

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With compound inflorescences



With simple inflorescence



<b>Species:</b>	<i>Unknown 1</i>
<b>Inflorescence:</b>	Simple or compound, 30 cm
<b>Scape:</b>	Erect
<b>Bracts:</b>	Green
<b>Petals:</b>	Not researched
<b>Blooming:</b>	Not researched
<b>Habit:</b>	Epiphytic
<b>Height:</b>	30 cm
<b>Leaves:</b>	Ligulate laminae
<b>Habitat:</b>	Rain forests
<b>Comments:</b>	Appears more like <i>Vriesea marnier-lapostollei</i> , but that species is supposed to be quite rare and is only noted to have a simple inflorescence.
<b>Location:</b>	South side of Chucuyo bridge

## *Unknown 2*

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<b>Species:</b>	<i>Unknown 2</i>
Inflorescence:	Compound
Scape:	Pendulous
Bracts:	Green
Petals:	Not researched
Blooming:	Not researched
Habit:	Epiphytic
Height:	
Leaves:	Ligulate laminae
Habitat:	Rain forests
Location:	Below San Gerardo, along the road

*Tillandsia oerstediana* (A)



<b>Species:</b>	<i>Tillandsia oerstediana</i>
<b>Inflorescence:</b>	Compound
<b>Scape:</b>	Erect, up to 50 cm
<b>Bracts:</b>	Greenish yellow, 20-37 mm
<b>Petals:</b>	
<b>Blooming:</b>	The Costa Rica Bromileads book says January-February, but I saw ones with purple petals in bloom in September-December
<b>Habit:</b>	Epiphytic or terrestrial
<b>Height:</b>	Up to 2 m
<b>Leaves:</b>	Triangular laminae, 62-105 x 3-6 cm, grayish green
<b>Habitat:</b>	Rain forests
<b>Comments:</b>	“T. oerstediana (B),” listed below has purple flower petals instead of the greyish hard “petals?” seen in the specimen above. However, it might be the same species at a different stage of flowering.
<b>Location:</b>	A: Just below San Gerardo; B: On road to Dionnay’s house

*Tillandsia oerstediana* (B)



Purple flower petals

## *Vriesea barii*



<b>Species:</b>	<i>Vriesea barii</i>
<b>Inflorescence:</b>	Simple
<b>Scape:</b>	Erect, 18-21 cm
<b>Bracts:</b>	Cinnamon green at flowering, then dark brown, 50-65 mm
<b>Petals:</b>	White, with a purple edge
<b>Blooming:</b>	April to May
<b>Habit:</b>	Epiphytic
<b>Height:</b>	55-75 cm
<b>Leaves:</b>	Ligulate laminae, 39-65 x 3.5-5 cm, green
<b>Habitat:</b>	Rain forests
<b>Location:</b>	San Gerardo to Rivas

### *Unknown 3*



<b>Species:</b>	<i>Unknown 3</i>
Inflorescence:	Simple
Scape:	Pendulous
Bracts:	Red
Petals:	Purple
Blooming:	- September -
Habit:	Epiphytic
Height:	Not researched
Leaves:	Ligulate laminae
Habitat:	Rain forests
Comments:	This species is very common in the Chirripó area.
Location:	Common throughout San Gerardo and Cloudbridge area



## *Vriesea Type A*



<b>Species:</b>	<i>Vriesea Type A</i>
<b>Inflorescence:</b>	Compound
<b>Scape:</b>	Erect, 19 cm
<b>Bracts:</b>	Pale green, red at tips
<b>Petals:</b>	Not researched
<b>Blooming:</b>	- September -
<b>Habit:</b>	Epiphytic
<b>Height:</b>	32 cm
<b>Leaves:</b>	Ligulate laminae, green at base red at tips, 4-5 cm wide, about 25 cm long
<b>Habitat:</b>	Rain forests
<b>Location:</b>	On the road to Dionnay's house

## *Vriesea Type B*



<b>Species:</b>	<i>Vriesea Type B</i>
<b>Inflorescence:</b>	Compound
<b>Scape:</b>	Erect
<b>Bracts:</b>	Red
<b>Petals:</b>	Not researched
<b>Blooming:</b>	Not researched
<b>Habit:</b>	Terrestrial
<b>Height:</b>	
<b>Leaves:</b>	Ligulate laminae, green at base with transverse red bands, then red until tips
<b>Habitat:</b>	Rain forests
<b>Location:</b>	Cerro Skutch

## *Vriesea Type C*

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<b>Species:</b>	<i>Vriesea Type C</i>
<b>Inflorescence:</b>	Compound
<b>Scape:</b>	Erect
<b>Bracts:</b>	Not researched
<b>Petals:</b>	Not researched
<b>Blooming:</b>	Not researched
<b>Habit:</b>	Terrestrial
<b>Height:</b>	
<b>Leaves:</b>	Ligulate laminae, green
<b>Habitat:</b>	Rain forests
<b>Location:</b>	Cerro Skutch

## *Unknown 9*



<b>Species:</b>	<i>Unknown 9</i>
<b>Inflorescence:</b>	Compound
<b>Scape:</b>	Erect
<b>Bracts:</b>	Not researched
<b>Petals:</b>	Not researched
<b>Blooming:</b>	Not researched
<b>Habit:</b>	Terrestrial
<b>Height:</b>	
<b>Leaves:</b>	Ligulate laminae, green with irregular transverse purple coloration
<b>Habitat:</b>	Rain forests
<b>Location:</b>	Cerro Skutch

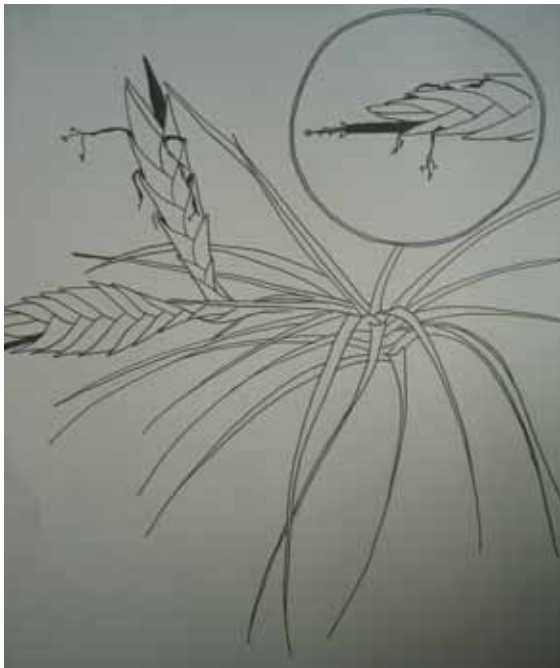
## *Tillandsia punctulata*

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<b>Species:</b>	<i>Tillandsia punctulata</i>
Inflorescence:	Simple
Scape:	Erect, 6-11 cm
Bracts:	Basals, red; distals, green or yellow
Petals:	Purple
Blooming:	June to March
Habit:	Epiphytic
Height:	13-20 cm
Leaves:	Triangular laminae, 10-33 x .04 – 1.2 cm, green with a brown base
Habitat:	Rain forests, trees in grasslands
Location:	Cloudbridge meadows and above Vulture Rock, especially Mandarin Acid trees

## *Tillandsia Type A*



<b>Species:</b>	<i>Tillandsia Type A</i>
<b>Inflorescence:</b>	Simple
<b>Scape:</b>	Somewhat pendulous, 6-11 cm
<b>Bracts:</b>	Red
<b>Petals:</b>	Purple with white edge at rim
<b>Blooming:</b>	December
<b>Habit:</b>	Epiphytic
<b>Height:</b>	13-20 cm
<b>Leaves:</b>	Triangular laminae, 10-33 x .04 – 1.2 cm, green
<b>Habitat:</b>	Rain forests, trees in grasslands
<b>Location:</b>	Klaus' garden, he says it is a local species
<b>Notes:</b>	Closely resembles <i>Tillandsia punctulata</i> , however this species has a thinner inflorescence

## Unknown 4



Going to seed

<b>Species:</b>	<i>Unknown 4</i>
<b>Inflorescence:</b>	Simple
<b>Scape:</b>	Pendulous, 10 cm
<b>Bracts:</b>	Yellow
<b>Petals:</b>	Not researched
<b>Blooming:</b>	- September -
<b>Habit:</b>	Epiphytic
<b>Height:</b>	30 cm
<b>Leaves:</b>	Ligulate laminae, 17 cm x 2 cm
<b>Habitat:</b>	Rain forests, trees in grasslands
<b>Location:</b>	Cloudbridge meadows, Ridge trail

## *Unknown 5*



<b>Species:</b>	<i>Unknown 5</i>
<b>Inflorescence:</b>	Compound
<b>Scape:</b>	Erect, 20 cm
<b>Bracts:</b>	Light green, 12 cm
<b>Petals:</b>	Not researched
<b>Blooming:</b>	Not researched
<b>Habit:</b>	Epiphytic
<b>Height:</b>	60 cm
<b>Leaves:</b>	Ligulate laminae, 18 cm x 4 cm
<b>Habitat:</b>	Rain forests, trees in grasslands
<b>Location</b>	Cloudbridge meadow, in a mandarina acido tree; Cerro Skutch



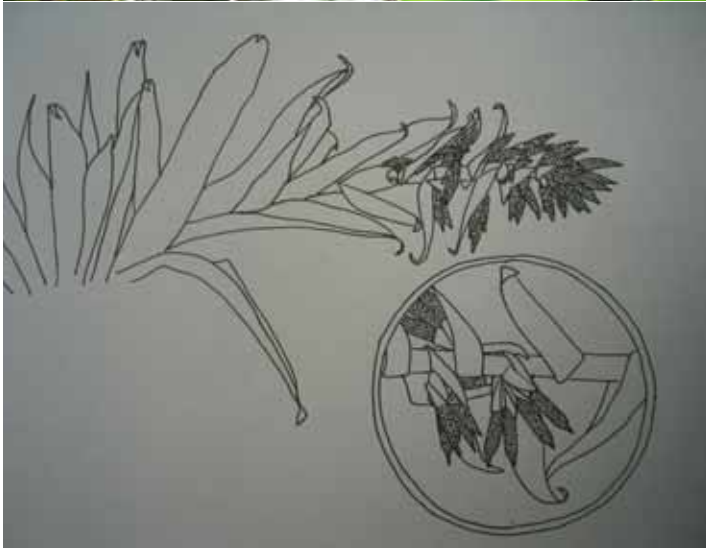
## *Unknown 6*



Going to seed

<b>Species:</b>	<i>Unknown 6</i>
<b>Inflorescence:</b>	Simple
<b>Scape:</b>	Pendulous, 12cm
<b>Bracts:</b>	Brown, 3cm
<b>Petals:</b>	Not researched
<b>Blooming:</b>	- October -
<b>Habit:</b>	Epiphytic
<b>Height:</b>	16 cm
<b>Leaves:</b>	Triangular laminae, 3-4 cm x 19 cm
<b>Habitat:</b>	Rain forests, trees in grasslands
<b>Location:</b>	Road to Dionnay's; Cloudbridge meadow in mandarina acido tree

## *Unknown 7*



<b>Species:</b>	<i>Unknown 7</i>
<b>Inflorescence:</b>	Compound
<b>Scape:</b>	Erect (but somewhat pendulous)
<b>Bracts:</b>	Green
<b>Petals:</b>	Not researched
<b>Blooming:</b>	- October -
<b>Habit:</b>	Epiphytic
<b>Height:</b>	
<b>Leaves:</b>	Ligulate laminae
<b>Habitat:</b>	Rain forests, trees in grasslands
<b>Location:</b>	Cloudbridge meadow

## *Unknown 8*

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<b>Species:</b>	<i>Unknown 8</i>
Inflorescence:	Simple
Scape:	Erect
Bracts:	Green
Petals:	Not researched
Blooming:	Not researched
Habit:	Terrestrial
Height:	
Leaves:	Ligulate laminae
Habitat:	Rain forests
Location:	Cerro Skutch

## *Unknown 10*

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<b>Species:</b>	<i>Unknown 10</i>
Inflorescence:	Simple
Scape:	Erect
Bracts:	White
Petals:	Not researched
Blooming:	Not researched
Habit:	Terrestrial
Height:	
Leaves:	Ligulate laminae, green at base with transverse purplish striation darkening until tips
Habitat:	Rain forests
Location:	Cerro Skutch

## *Unknown 11*



<b>Species:</b>	<i>Unknown 11</i>
<b>Inflorescence:</b>	Compound
<b>Scape:</b>	Erect, 85 cm
<b>Bracts:</b>	Whitish green
<b>Petals:</b>	Purple
<b>Blooming:</b>	December
<b>Habit:</b>	Terrestrial
<b>Height:</b>	1 m
<b>Leaves:</b>	Triangular laminae
<b>Habitat:</b>	Rain forests
<b>Location:</b>	San Gerardo, 1300 m elevation
<b>Notes:</b>	Native, but also used as a decorative element in landscaping

*Puya dasylirioides*



Young *Puya dasylirioides*



<b>Species:</b>	<i>Puya dasylirioides</i>
<b>Inflorescence:</b>	Compound
<b>Scape:</b>	Erect, 1.2-2.2 m
<b>Bracts:</b>	Rust green, 19-23 mm
<b>Petals:</b>	Blue
<b>Blooming:</b>	June, July
<b>Habit:</b>	Terrestrial
<b>Height:</b>	1.5-2.5 m
<b>Leaves:</b>	Triangular laminae, 30-55 x 2.1-5.2 cm
<b>Habitat:</b>	Peat bogs and savannahs
<b>Location:</b>	Paramo near Indian campsite; 2,600 – 3,100 m elevation

## *Unknown 12*

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<b>Species:</b>	<i>Unknown 12</i>
Inflorescence:	Compound
Scape:	Erect
Bracts:	Purple to Green
Petals:	Green
Blooming:	December
Habit:	Epiphytic
Height:	1 m
Leaves:	Ligulate laminae
Habitat:	Rain forests
Location:	Cloudbridge, 1500 m elevation