

**HIPPEASTRUM UGENTII (AMARYLLIDACEAE:
HIPPEASTREAE): A NEW SPECIES FROM CENTRAL PERU**

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ABSTRACT

A new species from central Peru (Prov. Tayacaja, Dept. Huancavelica), *Hippeastrum ugentii* Ochoa, is described and illustrated. It is characterized by its large bulbs, very long leaves, stout scape, multifloral umbel and showy flowers.

Key Words: *Hippeastrum ugentii*, Amaryllidaceae, Peru, new species.

I dedicate this new species of *Hippeastrum* to my friend and distinguished botanist, Dr. Donald Ugent.

***Hippeastrum ugentii* Ochoa sp. nov.**

TYPE PERU: Dept. Huancavelica, prov. Tayacaja, distr. Salcabamba, near Tastapata $\pm$ 2800 m, on slopes in stony soil. October 15, 2001. C. Ochoa & E. Paraguay 16402 (Holotype MJP; isotypes: CUZ, CPUN, HUT, MO and MOL).

Bulbus ovoideus, 10-12 cm longus, 6.5-7.5 cm diametrum. Folia pendulous, lanceolatum planum acutum 1.20-1.50 m longus vel plus, 3.5-6.0 cm latus ad basin, atrovirens. Scapus robustus pallide viridibus, teres vel leviter subapplanatus, 40-45 cm longus, 2.0 cm latus, ad basim 1.5 cm ad apicem, racemo multifloro terminatus. Bractee perigoniales 2, lanceolatae albidus papyraceus, marcescens, 8.0-8.5 cm longus, 2.8-3.2 cm latus ad basim, apex accutum. Umbella 12-15 florum. Perigonium albus et bruneolus-roseus venati, 9.5 cm longus. Tepala tubus 9.5 cm longus, 5-6 mm grossus; externus tepala 9.0-10.0 cm longus, 2.0-2.5 cm latus; internus tepala 10.0 cm longus, 2.8-3.2 cm latus. Stamina unaequalis 4.5 et 5.5 cm longis, brevis quam stylus, filamenta roseolus; antheras lunulatus, albus, post dehiscenciam 1.0-1.4 cm longum, pollinae albidus instructus. Stylus filiformis, 15-16



Fig. 1. Photo of *Hippeastrum ugentii*.

cm longus, usque ad tertium roseolus, stigma parvum capitatum trilobum, ovarium viride oblongus 1.5 cm longus. Pedicellus 2.0-3.0 cm longus.

Bulb ovoid, large, 10-12 cm long by 6.5-7.5 cm in diam. Leaves pendulous, dark green, lanceolate, 1.2-1.5 m long by 3.5-6.0 cm wide at the base and narrowly acute at apex. Scape stout, light green, cylindrical or slightly subcylindrical, 40-50 cm long, 2 cm diam. at base and 1.5 cm at apex, ending in a multi-flowered umbel. Perigonal bracts papyraceous, marcescent, widely triangular-lanceolatate, 8.0-8.5 cm long by 2.8-3.2 cm wide at base, with an acute apex. Perigonium 9.0-10.0 cm long, white, tinged with a narrow, brownish-rose



Fig. 2. Umbel of *Hippeastrum ugentii*.

longitudinal band; tube ca. 9.5 cm long by 5-6 mm thick, light green; external tepals narrowly lanceolate, 9.0-10.0 cm long by 2.0-2.5 cm wide; internal tepals of the same length, but of slightly greater width than the external ones. Stamens with unequally long filaments, the shorter 4.0-4.5 cm long, and the larger about 5.5 cm; filaments pale pink; anthers lunulate, white, 1.0-1.2 cm long at postdehiscents. Styles filiform, 15-16 cm long, pale pink in the upper one-third of their length; stigmas very small and capitate-trilobed. Ovary light green, oblong, ca. 15 mm long. Pedicels 2.0-3.0 cm long.



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