

Species Data Report  
Connie Koehler  
Student Judge  
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Genus: Paphiopedilum  
Subgenus: Paphiopedilum  
Alliance: Insigne



species: fairrieanum

*Paphiopedilum fairrieanum* was first introduced to England and the North American Continent in 1857 by Lindley and transferred by Stein in 1892. It is one of the most unusual species of the Insigne alliance. *Paph. fairrieanum* possesses many atypical features among them being a pointed shape of the dorsal petal; scalloped rim and longitudinal purple veins. The petals from a downward S shape resembling buffalo horns. A albino form exists, *Paph. fairrieanum* f. *album*.

Habitat:

located at high elevations in India and is probably now extinct in Bhutan. There are less than 50 mature plants in the wild today. A terrestrial orchid found on dry grassy limestone slopes fed by leaf litter and humus. (Cribb 1998, Pearce & Cribb 2002)

According to the RED LIST of threatened species (IUCN) , *Paph. fairrieanum* is on the Critically Endangered List as of 2015. The species is threatened due to illegal collection for international

trade, exploitation for horticultural purposes, degradation of the habitat, and by people, cattle, deforestation and fires.

Description:

Plant- leaves 4 to 8 in number; 8 to 28 cm long; 2 to 3 cm wide. Top of leaf is mid to dark green with faint mottling and underneath, pale green. The flowers are 5 to 8 cm wide supported by a 12-45 cm long pubescent.

Flower-A typical description of the species fairrieanum flower would be one 26-cm inflorescence; dorsal sepal gracefully undulate, white heavily striped dark burgundy, suffused light green basally; synsepal white faintly striped light burgundy; petals white, dark burgundy marginally, suffused light green centrally on basal third; pouch light green veined maroon, interior stippled maroon; staminode green, dark maroon bottom half; substance medium; texture matte, pouch glossy.

Awards:

Awards total III	Number between 1956-2014
AM	45
HCC	45
CCM	11
FCC	2

Primary Hybrids:

Paph. fairrieanum X	Hybrid Name
armeniicum	Golden Diamond
delenatti	Black Diamond
emersonii	India Ennenga
malipoense	Jade Dragon
micranthum	Tanja Pinkepank
bellatulum	Iona
concolor	Soulageanum
godefroyae	Estella

niveum	Angela
barbigerum	Barbi-Doll
boxallii	Cilix
charlesworthii	Jessie
druryi	Westpoint Beauty
gratrixianum	Wilma Wilson
henryanum	Oriental Leopard
hirsutissimum	Wissionoming
insigne	Arthurianum
spicerianum	Niobe
tigrinum	Bailey Kalina
villosum	Captain Spender Clay
appletonianum	Twinkle
argus	Luxemburgense
barbatum	Vexillarium
bullenianum	Mary-Irene
callosum	Juno
ciliolare	Mrs. de Vere Beauclerk
curtisii	Dallas (1910) Fairtisii (1910)
dayanum	Constableanum
hookerae	Fairy Realm
javanicum	Octoberfest
lawrenceanum	Streathamense
mastersianum	Tery Busco
purpuratum	H. Ballantine

sukhakulii	Papa Rohl
superbiens	Edwardii
tonsum	Mrs. F.L. Ames
urbanianum	Antonin Belin
venustum	Pandion
violascens	Milbury
ward	Julia Bell
glanduliferum	Paula Gum
lowii	Zingano
philippinense	Kenneth Marple
rothschildianum	Unique
stone	Balmedianum
chamerlainianum	Diane
glaucophyllum	Connie
primulinum	Elfin Charm
victoria-reginae	Achille Richard

#### Paphiopedilum fairrieanum synonyms

cordula fairrieanum  
 cyripedium fairrieanum  
 cyripedium assamicum  
 paphiopedilum fairrieanum variety bohlmannianum  
 paphiopedilum fairrieanum forma bohlmannianum  
 paphiopedilum fairrieanum variety giganteum  
 paphiopedilum fairrieanum variety nigrescens

References:References:

Koopowitz, Harold. 2008, Tropical Slipper Orchids

www.slipperorchid.info

AOS Orchids Plus

wikipedia.com

Orchid Wiz

The IUCN Red List of Threatened Species, Rankow & Kumar 2015

www.AOS.org p.f. webinar

www.orchidspecies.com

www.orchids.fandom.com