Addition of Two Species of Rhododendron L.(Ericaceae): For Maharashtra.

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ABSTRACT

During exploration of two species in Nandurbar, Nashik , Jalgaon this species hasbeen frequently occurred and it has identified as *Rhododendron kaempferi*, planch.and *Rhododendron atalaticum*, (*Ashe*)*Rhder*.

It has been found that, in the floristic studies of Maharashtra this species has not been reported earliarThese species *Rhododendron kaempferi* planch and *Rhododendron atalaticum*.

has not been considered from the recently Therefore, this species is a new addition record to Maharashtra. The present paper deals with update citation, detail description, flowering and fruiting season, locality and field of the species.

Key words:Ericaceae,Nandurbar ,Jalgaon, Nashik, addition, Maharashtra, *Rhododendron kaempferi*, *Rhododendron atalaticum*.

INTRODUCTION

RhododendronL.(Ericaceae)is denoted by about 1026 species in the world. (Chamberlain et at1996, they are found in india about 81species with 10 subspecies and 14vaerities, some cultivated Bhattacharyya, 2005. The genus Rhododendron L.belongs to family Ericaceaeis denoted by Car linnaeus in 1737 in genra plantarum, Rhododendron are shrubs or trees, terrIcolous, epiphytic;various hairs glabrous leaves altternate, some species are oranamental and cultivated.It is indigenous Itis mainly northern, many species have been described and recorded from north-east india by various worker (calder et al.926.Razi 1959, Nayar and Ramanurthy1973.Japan and united states to range china tibet,india, plants are found in regions high rainfall and high humidity and a temperature climate.

MATERIALS AND METHODS

Field visits were collected two species in the maharashtra, *Rhododendron kaempferi*, planch. and *Rhododendron atalaticum*, (Ashe)Rhder. The specimens are preserved and Its ready to Harbarium in the department of Botany RFNS, Senior Science college Akkalkuwa, district. Nandurbar. The Specimens were identified by using literature, Sharma et al(.1996), Singh and karthekeyan (2001) and Almeida(2003).After Investigation I have found that species are

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not reported from Maharashtra and Updated citation, description and note on distribution and taxonomic Identified has provided.

RESULTS AND DISCUSSION

Rhododendron kaempferi, planch.J Hert.soc.London1:152.1846; Fl.des serres ix. 1853-54)77.T.Yamaz; Revis.Gen.Rhododendron Japan, Taiwan korea sakhalin60(1996).

Shrubs3 m tall. Leaves all similar petiole 20 mm, leaf elliptic-ovate,1-1.5xo.2 -1-1cm long,base broadly margin cilate ;apex Obtusely pointed, inflorescence2-3 flowered, ,

Pedicel 0.2×0.7 cm long, ferruginous -strigose, hairs, calyx lobes ovate 3 mm long. Coarsely strigose, petal funnel shaped reddish one lobes dark corolla 1.2×2.2 cm long.lobes oblong corolla 1×0.2 cm long apex obuse; Stamens 5 calyx as long as petal filaments; glabrous overy densely brown strigose; style 2.2 cm longer than stamen Capusle conical to elliptic covoid 6mm long.

It is distributed in Japan, korea, china, india countries.

Flowers and fruiting : May to Jun.

Exsiccata: Nashik, Nandurbar, (VRJ 3005)

Native: Japan.

Rhododendron atalaticum (*Ashe*)*Rehder*.Bull.charleston MUS., 13:26.1917.InE.H.W.Wilson and A.J Rehder, Monogr.Azales, 147.1921.

Shrubs 1 m tall. Leaves2-4×0.6-1cm long.thin membranous, broad, obovate the base pointed at very short petiole ;pubescent the lower smooth margins usually unicellular Inflorescence 2-10 Flowered2-4.6 cm long.glandular;not hairy very fragant, Pedicel 3-18mm long. Corolla tube 1-2 cm long into open throat ;corolla 2-3 cm long and Its white coloured. Overy 3 mm long and 2 mm thick, style 2-5 cm long. Pink to greenish white;Stmens well exserted1 cm long.pedicel 6-5 cm long. Pink mature pod1.5 cm long and 5-6mm thick pointed, testa well developed at each ends;testa expanded, Odour strong.

It is distributed in Japan, korea, china , America, india countries.

Flowers and fruiting : April to may.

Exsiccata: Jalgaon, Nandurbar, (VRJ 3010)

Native: Eastern united state.

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