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Documentation of invasive plant species in Latehar and Hazaribagh districts: Jharkhand - India.

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Journal article : [Indian Forester \(/cabdirect/search/?q=do%3a%22Indian+Forester%22\)](#) 2013 Vol.139 No.2 pp.113-117 ref.16

Abstract : The survey was undertaken to document the alien invasive flora present in different ecosystems during November 2010 to February 2011 in Latehar and Hazaribagh districts of Jharkhand. A total of 41 invasive alien species was documented in the selected forests and non-forest areas. Among invasive alien species, major potential threat in the near future is by *Lantana camara*, *Argemone mexicana*, *Eupatorium odoratum* and *Hyptis suaveolens*. *Lantana camara* was highest in open forest with density of 2917/ha and frequency 47.62% compared to dense forest with density of 42.5/ha and frequency 50% in Latehar forest. Whereas in Hazaribagh forests the density of *Lantana camara* was higher than Latehar forests with 3535/ha in open forest and 177/ha in dense forest. In Agricultural land *Celosia argentea*, *Argemone mexicana*, *Cassia tora*, *Eclipta prostrata*, *Emilia sonchifolia*, *Evolvulus nummularious*, *Oxalis corniculata*, *Portulaca oleracea*, *Scoparia dulcis*, *Sonchus oleraceus*, and *Tridax procumbens* are found thorough out Hazaribagh and Latehar districts. *Eichornia crassipes* was major invasive species found in pond ecosystem.

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Indexing terms for this abstract:

Organism descriptor(s) : *Argemone mexicana*, *Chromolaena odorata*, *Hyptis suaveolens*, *Lantana camara*
Descriptor(s) : introduced species, invasive alien species, invasive species, species composition, species diversity, species richness

Identifier(s) : alien invasive species, exotic organisms, exotic species, introduced organisms, invasive organisms, invasives, non-indigenous organisms, non-indigenous species, non-native organisms, non-native species, nonindigenous organisms, nonindigenous species, Stain weed

Geographical Location(s) : India, Jharkhand

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Broader term(s) : Argemone, Papaveraceae, Ranunculales, eudicots, angiosperms, Spermatophyta, plants, eukaryotes, Chromolaena, Asteraceae, Asterales, Hyptis, Lamiaceae, Lamiales, Lantana, Verbenaceae, Commonwealth of Nations, Developing Countries, South Asia, Asia, India

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