



The Journal of Threatened Taxa (JoTT) is dedicated to building evidence for conservation globally by publishing peer-reviewed articles online every month at a reasonably rapid rate at www.threatenedtaxa.org. All articles published in JoTT are registered under [Creative Commons Attribution 4.0 International License](https://creativecommons.org/licenses/by/4.0/) unless otherwise mentioned. JoTT allows unrestricted use, reproduction, and distribution of articles in any medium by providing adequate credit to the author(s) and the source of publication.

Journal of Threatened Taxa

Building evidence for conservation globally

www.threatenedtaxa.org

ISSN 0974-7907 (Online) | ISSN 0974-7893 (Print)

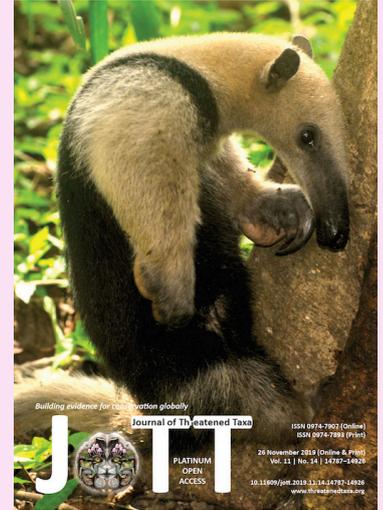
NOTE

***LINOSTOMA DECANDRUM* (ROXB.) WALL. EX ENDL.
(THYMELAEACEAE): AN ADDITION TO THE FLORA OF
ANDAMAN ISLANDS, INDIA**

L. Rasingam & K. Karthigeyan

26 November 2019 | Vol. 11 | No. 14 | Pages: 14921–14922

DOI: 10.11609/jott.5106.11.14.14921-14922



For Focus, Scope, Aims, Policies, and Guidelines visit <https://threatenedtaxa.org/index.php/JoTT/about/editorialPolicies#custom-0>

For Article Submission Guidelines, visit <https://threatenedtaxa.org/index.php/JoTT/about/submissions#onlineSubmissions>

For Policies against Scientific Misconduct, visit <https://threatenedtaxa.org/index.php/JoTT/about/editorialPolicies#custom-2>

For reprints, contact <ravi@threatenedtaxa.org>

The opinions expressed by the authors do not reflect the views of the Journal of Threatened Taxa, Wildlife Information Liaison Development Society, Zoo Outreach Organization, or any of the partners. The journal, the publisher, the host, and the partners are not responsible for the accuracy of the political boundaries shown in the maps by the authors.

Partner



صندوق محمد بن زايد
للمحافظة على
الكائنات الحية

The Mohamed bin Zayed
SPECIES CONSERVATION FUND

Member



Publisher & Host



***LINOSTOMA DECANDRUM* (ROXB.) WALL. EX ENDL. (THYMELAEACEAE): AN ADDITION TO THE FLORA OF ANDAMAN ISLANDS, INDIA**

L. Rasingam¹  & K. Karthigeyan² 

¹Botanical Survey of India, Deccan Regional Centre, Plot no. 366/1, Attapur, Hyderguda (P.O), Hyderabad, Telangana 500048, India.

²Botanical Survey of India, Central National Herbarium, P.O. Botanic Garden, Howrah, West Bengal 711103, India.

¹rasingam@gmail.com (corresponding author),

²karthigeyan.murthy@gmail.com

Linostoma Wall. ex Endl. is a small genus in the family Thymelaeaceae distributed in Bangladesh, Myanmar, northeastern India to Indo-China, Thailand, Malay Peninsula, and Borneo (Nevling 1961). Nevling (1961) has recognized three species of *Linostoma*, of which *Linostoma decandrum* (Roxb.) Wall. ex Endl. is reported from the Assam and Manipur states of northeastern India.

While working on unidentified specimens collected from the Andaman & Nicobar Islands deposited at PBL and CAL, the authors came across a few specimens of *Linostoma*. After critical study with relevant literature, all the specimens were found belonging to *Linostoma decandrum*. Since the species had not been reported so far from the Andaman & Nicobar Islands (Rao 1986; Lakshminarasimhan & Rao 1996; Mathew 1998; Pandey & Diwakar 2008), it forms a new distribution record to the islands' biogeographic zone. A detailed description for the species along with a herbarium image is provided for easy identification.

Taxonomic treatment

Linostoma decandrum (Roxb.) Wall. ex Endl., Gen. 331. 1837; Kurz, Forest Fl. Burma 2: 334. 1877; Hook.f., Fl. Brit. India 5: 198. 1886; Brandis, Indian Trees 545. 1906; Nevling in J. Arnold Arbor. 42: 307. 1961. *Nectandra decandra* Roxb., [Hort. Beng. 90. 1814 nom. nud.] & Fl. Ind. 2: 425. 1832. (Image 1).

Specimens examined: s.n. (CAL!), 19.iii.1892, Anikhet Hill jungle, Andaman Islands, coll. Dr. King's collector; 47 (CAL!), 23.i.1901, Andamans, Coll. Dr. Prain's Collector; 12355 (PBL!), 23.xii.1986, Kalpong No. 10, North Andamans, Coll. G. Chakraborty & G.S. Kindo.

Climbing shrubs, up to 15m; branchlets terete, glabrous. Leaves simple, opposite, elliptic to oblong-elliptic or oblong-lanceolate, 3–9.5 × 1–4.5 cm, obtuse to acute or shortly acuminate at apex, entire along margin, cuneate to rounded at base, coriaceous, glabrous on both surfaces, lateral veins many, parallel. Petiole canalliculate, 2–9 mm long, glabrous. Inflorescence terminal, umbelliform, 2–3 flowered; peduncles 3–5 cm long, glabrous. Bracts foliar, opposite, oblong, 3–5.5 × 1–1.8 cm, obtuse at apex, entire along margin, rounded at base, chartaceous, white, glabrous. Flowers small, light greenish-pink. Calyx tube fusiform, 5–7 × 2–2.5 mm, reddish without, lobes 5, linear, 6–8 × c. 2 mm, greenish within, reflexed. Petals 10, white, clavate, 3–6 mm long. Stamens exserted, 15–16; filaments slender, white; anthers yellow. Ovary stipitate, ellipsoid, c. 3mm long, densely hairy; style filiform, 8–10 mm long; stigma capitate. Fruits ovoid-ellipsoid, 1–1.5 × 0.5–0.9 cm, appressed hairy; fruiting pedicels 5–6 mm long, swollen.



ISSN 0974-7907 (Online)
ISSN 0974-7893 (Print)

PLATINUM
OPEN ACCESS



DOI: <https://doi.org/10.11609/jott.5106.11.14.14921-14922>

Editor: B. Ravi Prasad Rao, Sri Krishnadevaraya University, Ananthapuramu, India.

Date of publication: 26 November 2019 (online & print)

Manuscript details: #5106 | Received 21 May 2019 | Final received 22 October 2019 | Finally accepted 01 November 2019

Citation: Rasingam, L. & K. Karthigeyan (2019). *Linostoma decandrum* (Roxb.) Wall. ex Endl. (Thymelaeaceae): an addition to the flora of Andaman Islands, India. *Journal of Threatened Taxa* 11(14): 14921–14922. <https://doi.org/10.11609/jott.5106.11.14.14921-14922>

Copyright: © Rasingam & Karthigeyan 2019. Creative Commons Attribution 4.0 International License. JoTT allows unrestricted use, reproduction, and distribution of this article in any medium by adequate credit to the author(s) and the source of publication.

Funding: Botanical Survey of India.

Competing interests: The authors declare no competing interests.

Acknowledgements: We are grateful to the Director, Botanical Survey of India, Kolkata for facilities and Dr. P.V. Prasanna, Scientist 'G' & HoO, Botanical Survey of India, Deccan Regional Centre, Hyderabad, and Dr. V.P. Prasad, Scientist 'E' & HoO, Central National Herbarium, Botanical Survey of India, Howrah for encouragement.





Image 1. Herbarium of *Linostoma decandrum* (Roxb.) Wall. ex Meisn.

Seeds ovate- triangular, c. 9×4 mm.

Habitat: The plants grow in moist localities in evergreen forests.

Flowering & Fruiting: December–March.

Distribution: India: Assam, Manipur, the Andaman Islands; Bangladesh, Myanmar, Thailand, Indo-China, Malay Peninsula and Borneo.

References

- Lakshminarasimhan, P. & P.S.N. Rao (1996). Supplementary list of angiosperms recorded (1983–1993) from Andaman & Nicobar Islands. *Journal of Economic and Taxonomic Botany* 20: 175–185.
- Mathew, S.P. (1998). A supplementary report on the flora and vegetation of Bay Islands, India. *Journal of Economic and Taxonomic Botany* 22: 249–272.
- Nevling Jr., L.I. (1961). A revision of the Asiatic genus *Linostoma* (Thymelaeaceae). *Journal of Arnold Arboretum* 42: 295–320.
- Pandey, R.P. & P.G. Diwakar (2008). An integrated checklist of plants in Andaman & Nicobar Islands, India. *Journal of Economic and Taxonomic Botany* 32: 403–500.
- Rao, M.K.V. (1986). A preliminary report on the angiosperms of Andaman & Nicobar Islands. *Journal of Economic and Taxonomic Botany* 8: 107–184.





PLATINUM
OPEN ACCESS



The Journal of Threatened Taxa (JoTT) is dedicated to building evidence for conservation globally by publishing peer-reviewed articles online every month at a reasonably rapid rate at www.threatenedtaxa.org. All articles published in JoTT are registered under [Creative Commons Attribution 4.0 International License](https://creativecommons.org/licenses/by/4.0/) unless otherwise mentioned. JoTT allows unrestricted use, reproduction, and distribution of articles in any medium by providing adequate credit to the author(s) and the source of publication.

ISSN 0974-7907 (Online) | ISSN 0974-7893 (Print)

November 2019 | Vol. 11 | No. 14 | Pages: 14787–14926

Date of Publication: 26 November 2019 (Online & Print)

DOI: 10.11609/jott.2019.11.14.14787-14926

www.threatenedtaxa.org

Announcement

The Sally Walker Conservation Fund -- an appeal for support
– P. 14787

Communications

Complementary bat (Mammalia: Chiroptera) survey techniques uncover two new country records for Nigeria

– Iroro Tanshi, Anthony Ekata Ogbeibu & Paul Jeremy James Bates, Pp. 14788–14801

Bone fractures in roadkill Northern Tamandua *Tamandua mexicana* (Mammalia: Pilosa: Myrmecophagidae) in Costa Rica

– Randall Arguedas, Elisa C. López & Lizbeth Ovaes, Pp. 14802–14807

***Barilius torsai* (Teleostei: Cypriniformes: Cyprinidae), a new freshwater fish from the Brahmaputra drainage, India**

– Kavita Kumari, Manas Hoshalli Munivenkatappa, Archana Sinha, Simanku Borah & Basanta Kumar Das, Pp. 14808–14815

Butterfly diversity throughout Midnapore urban area in West Bengal, India

– Surjyo Jyoti Biswas, Debarun Patra, Soumyajit Roy, Santosh Kumar Giri, Suman Paul & Asif Hossain, Pp. 14816–14826

Plant and fungi diversity of Devi Pindiyan Valley in Trikuta Hills of northwestern Himalaya, India

– Sajjan Thakur, Harish Chander Dutt, Bikarma Singh, Yash Pal Sharma, Nawang Tashi, Rajender Singh Charak, Geeta Sharma, Om Prakash Vidyarthi, Tasir Iqbal, Bishander Singh & Kewal Kumar, Pp. 14827–14844

A checklist of rust fungi from Himachal Pradesh, India

– Ajay Kumar Gautam & Shubhi Avasthi, Pp. 14845–14861

The distribution of blue-green algae (Cyanobacteria) from the paddy fields of Patan and Karad tehsils of Satara District, Maharashtra, India

– Sharada Jagannath Ghadage & Vaneeta Chandrashekhar Karande, Pp. 14862–14869

Short Communications

***Cordia diffusa* K.C. Jacob, the Kovai Manjack (Boraginaceae): a highly threatened steno-endemic species from Coimbatore City, Tamil Nadu, India**

– S. Arumugam, K. Sampath Kumar, B. Karthik & V. Ravichandran, Pp. 14870–14875

New distribution records in the orchid flora of Tripura, India

– Arjun Adit, Monika Koul & Rajesh Tandon, Pp. 14876–14885

Notes on the extended distribution of *Humboldtia bourdillonii* (Fabales: Fabaceae), an Endangered tree legume in the Western Ghats, India

– Anoop P. Balan, A.J. Robi & S.V. Predeep, Pp. 14886–14890

Notes

Vertebrate prey handling in the Indian Grey Hornbill *Ocyroceros birostris* (Aves: Bucerotiformes: Bucerotidae)

– James A. Fitzsimons, Pp. 14891–14894

Impact of cyclone Fani on the breeding success of sandbar-nesting birds along the Mahanadi River in Odisha, India

– Subrat Debata, Pp. 14895–14898

First record of the micromoth *Ethmia lineatonotella* (Moore, 1867) (Lepidoptera: Depressariidae: Ethmiinae) from Bhutan

– Jatishwor Singh Irungbam & Meenakshi Jatishwor Irungbam, Pp. 14899–14901

Additional distribution records of the rare Nepal Comma *Polygonia c-album agnicula* (Moore, 1872) (Insecta: Lepidoptera: Nymphalidae) from Rara National Park, Nepal

– Sanej Prasad Suwal, Biraj Shrestha, Binita Pandey, Bibek Shrestha, Prithivi Lal Nepali, Kaashi Chandra Rokaya & Bimal Raj Shrestha, Pp. 14902–14905

A new distribution record of the gall midge *Octodiplosis bispina* Sharma (Diptera: Cecidomyiidae) from the Western Ghats of Tamil Nadu, India

– Duraikannu Vasanthakumar, Radheshyam Murlidhar Sharma & Palanisamy Senthilkumar, Pp. 14906–14907

New recruitment of staghorn corals in the Gulf of Mannar - the emergence of a resilient coral reef

– Koushik Sadhukhan, Ramesh Chatragadda, T. Shanmugaraj & M.V. Ramana Murthy, Pp. 14908–14911

New records of coral diseases in the Persian Gulf

– Parviz Tavakoli-Kolour & Sanaz Hazraty-Kari, Pp. 14912–134913

***Crepidium aphyllum* (Orchidaceae), a new record from Bhutan**

– Kinley Rabgay & Pankaj Kumar, Pp. 14914–14916

Rediscovery, after over a century, of the endemic climbing vine *Argyria lawii* (Convolvulaceae) from the Western Ghats of India

– Pramod R. Lawand, Rajaram V. Gurav & Vinod B. Shimpale, Pp. 14917–14920

***Linostoma decandrum* (Roxb.) Wall. ex Endl. (Thymelaeaceae): an addition to the flora of Andaman Islands, India**

– L. Rasingam & K. Karthigeyan, Pp. 14921–14922

On the floral biology and pollination of a rare Twining Liana *Sarcobolus carinatus* Wall. (Asclepiadoideae: Apocynaceae) in Coringa Mangrove Forest, Andhra Pradesh, India

– A.J. Solomon Raju, Pp. 14923–14926

Partner



صندوق محمد بن زايد
للمحافظة على
الكائنات الحية

The Mohamed bin Zayed
SPECIES CONSERVATION FUND

Member



Publisher & Host

