

|                     |  |
|---------------------|--|
| <b>Zeitschrift:</b> | Candollea : journal international de botanique systématique =<br>international journal of systematic botany          |
| <b>Herausgeber:</b> | Conservatoire et Jardin botaniques de la Ville de Genève   |
| <b>Band:</b>        | 15 (1954-1956)   |
| <b>Artikel:</b>     | Résultats des expéditions scientifiques genevoises au Népal en 1952 et<br>1954 (partie botanique) : 3. Berberidaceae |
| <b>Autor:</b>       | Ahrendt, Leslie W. A.  |
| <b>DOI:</b>         | <a href="https://doi.org/10.5169/seals-880486">https://doi.org/10.5169/seals-880486</a>                              |

### Nutzungsbedingungen

Die ETH-Bibliothek ist die Anbieterin der digitalisierten Zeitschriften auf E-Periodica. Sie besitzt keine Urheberrechte an den Zeitschriften und ist nicht verantwortlich für deren Inhalte. Die Rechte liegen in der Regel bei den Herausgebern beziehungsweise den externen Rechteinhabern. Das Veröffentlichen von Bildern in Print- und Online-Publikationen sowie auf Social Media-Kanälen oder Webseiten ist nur mit vorheriger Genehmigung der Rechteinhaber erlaubt. [Mehr erfahren](#)

### Conditions d'utilisation

L'ETH Library est le fournisseur des revues numérisées. Elle ne détient aucun droit d'auteur sur les revues et n'est pas responsable de leur contenu. En règle générale, les droits sont détenus par les éditeurs ou les détenteurs de droits externes. La reproduction d'images dans des publications imprimées ou en ligne ainsi que sur des canaux de médias sociaux ou des sites web n'est autorisée qu'avec l'accord préalable des détenteurs des droits. [En savoir plus](#)

### Terms of use

The ETH Library is the provider of the digitised journals. It does not own any copyrights to the journals and is not responsible for their content. The rights usually lie with the publishers or the external rights holders. Publishing images in print and online publications, as well as on social media channels or websites, is only permitted with the prior consent of the rights holders. [Find out more](#)

**Download PDF:** 10.08.2025

**ETH-Bibliothek Zürich, E-Periodica, <https://www.e-periodica.ch>**

RÉSULTATS DES EXPÉDITIONS SCIENTIFIQUES GENEVOISES AU NÉPAL  
EN 1952 ET 1954 (PARTIE BOTANIQUE)

3. - **Berberidaceae** <sup>1</sup>

by

REV. DR. Leslie W. A. AHRENDT, M.A., D. Phil., F.L.S.

**Berberis angulosa** Wall. ex Hook. f. & Thoms. ex Hook. f. *Fl. brit.*  
*Ind.* 1 : 111. 1872.

DISTR. : Sikkim, Nepal.

NEPAL : Between Namche Bazar ( $27^{\circ}49'$ ,  $86^{\circ}43'$ ) and Tésinga ( $27^{\circ}50'$ ,  $86^{\circ}44'$ ), alt. 3430 m., May 13, 1952, fl. yellow, *Zimmermann* 494 (G !); between Chule ( $27^{\circ}57'$ ,  $86^{\circ}36'$ ) and Thāmi ( $27^{\circ}50'$ ,  $86^{\circ}39'$ ), alt. 4000 m., Oct. 11, 1954, fr. red, *Zimmermann* 1619 (G !).

OBS. : Shrub 1-3 m. high; pedicels shorter than those of the type. With this character it approaches *B. parisepala* Ahrendt in *Journ. of Bot.*, Suppl. 79 : 42. 1941, which, originally known as replacing *B. angulosa* eastwards from Bhutan to the Tibet-Assam frontier, was also found in Nepal in 1954.

**Berberis asiatica** Roxb. ex DC. *Syst.* 2 : 13. 1821.

DISTR. : Himalayan Assam, Nepal, Kumaon, from Garwal to Jaunsar, Bengal.

NEPAL : Below Risingo ( $27^{\circ}37'$ ,  $85^{\circ}54'$ ), alt. 2000 m., April 1, 1952, shrub 0,50-1,50 m. high, fl. yellow, *Zimmermann* 133 (G ! det. R. Weibel).

**Berberis ceratophylla** Don, *Gen. Syst. Gard. and Bot.* 1 : 115. 1831; Ahrendt in *Journ. roy. As. Soc. Bengal, Sc.*, 11 : 1. 1945.

DISTR. : The distribution of *B. ceratophylla*, as far as I have seen herbarium specimens of it, is Nepal (Type) and Bhutan. Eastwards, from Sikkim to W. Yunnan, it is replaced by the very closely related species *B. sikkimensis* (Schneid.) Ahrendt. Westwards,

<sup>1</sup> Cf., pour l'itinéraire suivi, l'article de A. ZIMMERMANN, *Candollea* 15 : 127. 1956.

there is located the closely related *B. affinis* Don, l.c.; Ahrendt, l.c.: 2, in Kumaon; and thence further westwards, the less closely connected *B. chitria* Lindl. The general distribution given in HOOK. f. *Fl. brit. Ind.* 1: 110. 1872 under *B. aristata* DC. var. *floribunda* Hook. & Thoms.= *B. ceratophylla* Don possibly includes specimens of these species.

NEPAL: Below Namche Bazar ( $27^{\circ}49'$ ,  $86^{\circ}43'$ ), left side of the Dugh Kosi, exposition N.-E., alt. 2844 m., Oct. 26, 1954, shrub 3-3,50 m. high, *Zimmermann* 1835 (G!).

OBS.: Fr. dark reddish purple.

**Berberis jaeschkeana** Schneid. in *Bull. Herb. Boiss.*, ser. 2, 5: 399. 1905; Parker, *Forest Flora of the Punjab with Hazara and Delhi*: 14. 1918.

Var. *jaeschkeana*

DISTR.: Kumaon, Kashmir (Type), Punjab.

NEPAL: Between Namche Bazar ( $27^{\circ}49'$ ,  $86^{\circ}43'$ ) and Pangboche ( $27^{\circ}52'$ ,  $86^{\circ}48'$ ), slopes S. and S.-E., half shade, alt. 3500 m., Oct. 20, 1954, shrub 1-3 m. high, fr. ovoid, red, *Zimmermann* 1758 (G!).

OBS.: Fr. bigger than those of the type. This species had not been recorded from Nepal before 1954, when it was collected in October in fruits by ZIMMERMANN (as cited), and independently by STAINTON, SYKES and WILLIAMS who gathered flowering specimens in June of that year.

**Berberis khasiana** Ahrendt in *Journ. of Bot. Suppl.*, 80: 100. 1942.

DISTR.: Assam, Khasia.

NEPAL: Way of Dyendrela, which is between Gārma ( $27^{\circ}26'$ ,  $86^{\circ}35'$ ) and Kerung ( $27^{\circ}24'$ ,  $86^{\circ}34'$ ), to Thare, coming down from the pass, alt. 2980 m., June 17, 1952, shrub 1-2 m. high, fl. yellow, *Zimmermann* 852 (G!).

OBS.: Different from *B. lycium* by its smaller leaves and very sulcate stems. Originally based solely on a much more easterly specimen from the Khasia hills in Assam, ZIMMERMANN's specimen, while maintaining the character of the species as distinct from *B. lycium*, extends the known habitat of *B. khasiana* much further westwards towards that of *B. lycium* which appears from Garwal to Kashmir.

**Berberis? tsarica** Ahrendt in *Journ. of Bot., Suppl.*, 79: 48. 1941.

DISTR.: S.-E. Tibet, Tsari District, Province of Kongbo and Bhutan.

NEPAL : Alp of Pheriche ( $27^{\circ}54'$ ,  $86^{\circ}49'$ ), alt. 4260 m., June 2, 1952, shrub 30-50 cm. high, petals slightly reddish above, *Zimmermann* 593 (G !).

OBS. : In the absence of young twigs and fruits, the determination remains somewhat doubtful; furthermore, this species has not been recorded from Nepal.

**Berberis virescens** Hook. f. in *Curt. Bot. Mag.* t. 7116. 1890.

DISTR. : S. E. Tibet, Province of Kongbo and Tsari District, Sikkim, Bhutan.

NEPAL : Right side of the Kyāngshar Khola, alt. 2800 m., May 10, 1952, shrub 2-4 m. high, fl. white, calyx greenish, *Zimmermann* 480 (G !).

OBS. : This species has not previously been recorded from Nepal. Though otherwise similar it differs in flower structure and fruit from *B. paravirescens* Ahrendt in *Journ. roy. As. Soc. Bengal, Sc.*, 11 : 4. 1945, which has been recorded only from Sikkim and Bhutan.

**Mahonia napaulensis** DC. *Syst.* 2 : 21. 1821; *Prodr.* 1 : 109. 1824 = *Berberis nepalensis* (DC.) Spreng. *Syst. Veg.* 2 : 120. 1825.

DISTR. : Temperate Himalayas, from Bhutan to Garwal.

NEPAL : Between Manga Deorali, which is between Risingo ( $27^{\circ}37'$ ,  $85^{\circ}54'$ ) and Charikot ( $27^{\circ}40'$ ,  $86^{\circ}01'$ ) and the pass of Chyāngma-La, alt. 2230 m., April 6, 1952, shrub 1-2 m. high, fl. yellow, *Zimmermann* 187 (G !; det. R. Weibel).

**Podophyllum emodi** Wall. ex Royle *Ill. Bot. himal.* : 64, 379, 1839 (English description incomplete); Hook. f. & Thoms. *Fl. ind.* : 232. 1855 (latin description) = *P. hexandrum* Royle, *l. c.* : 64; Cambessèdes (non Decaisne) *Pl. rar. in JACQUEMONT Voyage dans l'Inde* 4 : 10. t. 9. 1844.

DISTR. : Interior ranges of the Himalayas, alt. 2900-4500 m., from Sikkim to Hazara, descending to 1950 m. in Kashmir.

NEPAL : Between Somaret ( $27^{\circ}53'$ ,  $86^{\circ}49'$ ) and Pangboche ( $27^{\circ}52'$ ,  $86^{\circ}48'$ ), alt. 3950 m., June 3, 1952, *Zimmermann* 618 (G !; det., A. Zimmermann).

