Darma, 3660-3965 m, 31 Aug. 1884). *J. F. Duthie* 2842 [G, Photo—CAL; isosyntype—DD].

Specimens studied: UTTAR PRADESH: Ganges valley, near Suki, 3965-4270 m, 16 Aug. 1883, *J. F. Duthie* 1105 (CAL).

Distribution: INDIA: Uttar Pradesh; PAKISTAN.

According to Stewart (Annotated Flora of West Pakistan: 373. 1972), two specimens collected by Duthie from Richmori, Siran Range and Bagnu Bhonja, Kagan valley (Pakistan) and deposited in the Gray Herbarium (GH), may be identified with this species.

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NOMENCLATURAL NOTES ON *OPHIORRHIZA RUGOSA* COMPLEX (RUBIACEAE)

During revisionary studies in the genus *Ophiorrhiza* L. it was found that Hooker's (1880) treatment of *O. harrisiana* Heyne and varieties under it needed a change in the context of relevant articles of the ICBN (1978). *O. harrisiana* which initially was only a manuscript name after S. Harris, who collected it from Malacca, was included in print by Wight & Walker-Arnott (1834) as an 'Obscure species' In the meanwhile based on the same gathering G. Don (1834) described his *O. harrisonii*. This earlier properly published name, makes Hooker's *O. harrisiana* Heyne a superfluous name (Art. 63. ICBN 1978).

Wallich (1824) on the basis of his own collection in 1821 from Nepal (Wall. Cat. 6235) described *Ophiorrhiza rugosa*. Blume (1826), De Candole (1830) and King & Gamble (1903) all accepted this as a distinct species.

D. Don (1825) described *O. prostrata* based on a collection of Buchanan-Hamilton in 1813, from Nepal and also of Wallich (Wall. Cat. 6235) which formed the basis of the earlier published *O. rugosa*.

At the species level *O. rugosa* Wall. is the earliest valid name and *O. prostrata* D. Don as also *O. harrisonii* are only its synonyms. However, Hooker (1880) under his *O. harrisiana* Heyne treated at varietal level both *O. rugosa* and *O. prostrata*. Further he treated three more var. *decumbens* var. *argentea* and var. *merguensis*. Santapau & Merchant (1961) regarded *O. prostrata* as correct, citing *O. harrisonii* and *O. harrisiana* both in synonymy, but have ignored the earlier *O. rugosa*. Hara (1966) has also recognised *O. prostrata* and cited under it in synonymy *O. rugosa* and erred in indicating *Wall. Cat.* 6229 along with it. (This number is *O. argentea*).

While as a result of our detailed study, we agree with Hooker's disposition on the varietal status, we have to state that in conformity with current ICBN requirements *O. harrisiana* Heyne is a superfluous name and has to be replaced by the earliest valid name *O. rugosa* Wall. at the specific level. This requires further the transfer of the different varieties from under *O. harrisiana* to *O. rugosa* which is now done.

O. rugosa Wall. var. **rugosa** Wall. in Roxb. Fl. Ind. 2: 547. 1824 (Type: Nepal, Shivapoor, 1821, *Wall. Cat.* 6255! CAL, K); Bl. Bijdr. 976. 1826; DC. Prodr. 4: 416. 1830; G. Don, Gen. Syst. Gard. Bot. 3: 522. 1834; King & Gamble in Journ. As. Soc. Beng.

72: 175. 1903; H. Hara, Fl. E. Himal. 314, 1966 in synon., p.p. *O. harrisiana* Heyne var. *rugosa* (Wall.) Hook. f. Fl. Brit. Ind. 3: 78. 1880.

Distrib.: INDIA: Sikkim, West Bengal (Darjeeling), Nagaland, Meghalaya; NEPAL and JAVA.

O. rugosa Wall. var. **prostrata** (D. Don) Deb *et* Mondal stat. & comb. nov. *O. prostrata* D. Don Prodr. Fl. Nep. 136. 1825. p.p. (excl. Wall Cat. 6235). (Type: Nepal, 1813. *B. Hamilton* s.n. BM); DC. Prodr. 4: 415. 1830; G. Don, Gen. Syst. Gard. Bot. 3: 522. 1834; Sant. & Merchant in Bull. Bot. Surv. Ind. 3(2): 109. 1961; H. Hara, Fl. E. Himal. 313, 1966, p.p. (Wall. Cat. citation erroneous). *O. harrisonii* G. Don, Gen. Syst. Gard. Bot. 3: 523. 1834 (Type: Malacca, *S. Harris* s.n. in herb. Heyne s.n. ex *Wall. Cat.* 6236; CAL); Walp. Rep. Bot. Syst. 2: 503. 1843; Wight, Icon. 3: 15. 1848 (fig. 1162). *O. harrisiana* Heyne in Wight & Arn. Prodr. 405. 1834, nom. nud.; *Wall Cat.* 6236. 1832, nom. nud.; Hook. f. Fl. Brit. Ind. 3: 78. 1880 (Type: Malacca, *S. Harris* s.n. in herb. Heyne s.n. ex *Wall. Cal.* 6236; CAL); Trimen, Fl. Ceyl. 2: 321. 1895; Cooke, Fl. Pres. Bombay 1: 596. 1903; Gamble, Fl. Pres. Madras 607. 1921; Haines, Bot. Bih. Or. 443. 1922; Kanjilal *et al.* Fl. Assam 3: 42. 1939.

Distrib.: INDIA: Tamil Nadu, Kerala, Karnataka, Goa, Assam, Andhra Pradesh, Orissa, Bihar; NEPAL, BURMA, MALACCA and SRI LANKA.

O. rugosa Wall. var. **decumbens** (Gardn. ex Thw.) Deb et Mondal comb. nov. Basionym: *O. decumbens* Gardn. ex Thw. Enum. 419. 1864 (Type: Ceylon, C.P. 5000 ft., Thwaites 3656 A! in CAL is designated as the lectotype). *O. harrisiana* Heyne var. *decumbens* (Gardn. ex Thw.) Hook. f. Fl. Brit. Ind. 3: 78. 1880.

Distrib.: INDIA: Kerala in Malabar coast; SRI LANKA.

O. rugosa Wall. var. **argentea** (Hook. f.) Deb et Mondal comb. nov. Basionym: *O. harrisiana* Heyne var. *argentea* Hook. f. Fl. Brit. Ind. 3: 78. 1880 (Type: Sylhet, *W. Gomez* s.n. in *Wall. Cat.* 6229! CAL); *O. argentea* Wall. Cat. 6229, 1832, nom. nud.

Distrib.: INDIA: Arunachal Pradesh, Assam, Meghalaya, Mizoram, Kerala and Karnataka; BANGLADESH, BURMA, MALAY PENINSULA, SRI LANKA and THAILAND.

O. rugosa Wall. var. **merguensis** (Hook. f.) Deb et Mondal comb. nov. Basionym: *O. harrisiana* Heyne var. *merguensis* Hook. f. Fl. Brit. Ind. 3: 78. 1880 (Type: not seen); *A. Meebold* 16573 (CAL) collected in March 1911 from the type locality Mergui agrees with the description. Hook. l.c. cited the occurrence in 'Nilgherries'. But no such specimen was available to the authors to substantiate the occurrence there.

Distrib.: BURMA: Mergui and Rangoon.

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