

Plagiogyria communis Ching in Acta Phytotax. Sinica 7: 147, t. 35, f. 2, 1958. *Lomaria pycnophylla* Hook. Spec. Fil. 3: t. 148, 1860 (non Kunze). *Plagiogyria pycnophylla* sensu Bedd. Handb. Ferns Brit. Ind. 129, 1883 (non Mett.): Panigrahi in Bull. bot. Surv. India 2: 313, 1960; Nayar et Kazmi in Bull. nat. bot. Gard. Lucknow 64: 28, 1962; Ito in Hara Fl. East. Himal. 470, 1966.

Pleopeltis sublineare (Baker ex Takeda) N. C. Nair comb. nov. *Polypodium sublineare* Baker ex Takeda in Not. Bot. Gard. Edinb. *Lepisorus sublinearis* (Baker ex Takeda) Ching in Bull. Fan. Mem. Inst. Biol. 4: 78, 1933; Icon. Fil. Sin. 2: t. 59, 1934.

There is some confusion regarding the nomenclature of the fern usually called as *Sphenomeris chinensis* (Linn.) Maxon. This name is based on *Trichomanes chinensis* Linn. (1753). In many of the recent publications this taxon is referred to as *Sphenomeris chusana* (Linn.) Copel. based on *Adiantum chusana* Linn. (1753) and keep *Sphenomeris chinensis* in synonymy. In Hooker's Species Filicum (1: 187, 1846) *Trichomanes chinensis* Linn. is given as the basionym of *Davallia chinensis* (Linn.) Swartz. *Davallia chusana* (Linn.) Willd. = *Adiantum chusanum* Linn. is also kept in synonymy but with a question mark. J. Smith (Bot. Voy. Herald. 430, 1857) transferred *Trichomanes chinensis* Linn. to the genus *Odontosoria* as *Odontosoria chinensis* (Linn.) J. Sm. He also considered *Adiantum chusanum* Linn. conspecific with *Trichomanes chinensis* Linn. According to Art. 57 the specific epithet *chinensis* must be followed. Hence the nomenclature of the plant is:

Sphenomeris chinensis (Linn.) Maxon in Wash. Acad. Sci. Jour. 3: 114, 1913. *Trichomanes chi-*

nensis Linn. Sp. Pl. 2: 1099, 1753. *Adiantum chusanum* Linn. Sp. Pl. 2: 1095, 1753. *Adiantum chinensis* (Linn.) Burm. Fl. Ind. 236, 1768. *Davallia chinensis* (Linn.) Sm. Mem. Ac. Turm. 5: 514, 1793; Willd. Sp. Pl. 5: 474, 1810; Hook. Sp. Fil. 187, 1846 (Swartz); Clarke in Tr. Linn. Soc. Lond. 2: 449, 1880. *Davallia chusana* (Linn.) Willd. Sp. Pl. 5: 475, 1810. *Microlepia chinensis* (Linn.) Mett. Fil. Lips. 103, 1856. *Lindsaya chinensis* (Linn.) Mett. ex Kuhn Fil. Afr. 67, 1868. *Stenoloma chinensis* (Linn.) Bedd. Handb. Ferns Brit. Ind. 70, t. 34, 1883 (excl. syn. *Davallia tenuifolia*); Alston & Bonner in Candollea 15: 198, 1956. *Odontosoria chinensis* (Linn.) J. Sm. Bot. Voy. Herald. 430, 1857; C. Chr. Ind. Fil. 464, 1906. *Stenoloma chusanum* (Linn.) Ching in Sinensia 3: 377, 1933. *Odontosoria chusana* (Linn.) Masam. Mem. Fac. Sc. Agric. Taikoku Univ. 11: 67, 1934. *Sphenomeris chusana* (Linn.) Copel. in Bish. Mus. Publ. 59: 69, 1929; Holttum Fl. Mala. 2: 341, 1954; Tagawa Col. Ill. Jap. Pterid. 257, 1959.

Sphaenomeris chinensis (Linn.) Maxon var. *tenuifolia* (Sw.) N. C. Nair comb. nov. *Davallia tenuifolia* Sw. Schrad. Jour. 1800: 88, 1801. *Stenoloma tenuifolia* (Sw.) Fee Gen. Fil. 330, 1852. *Sphaenomeris chusana* (Linn.) Copel. var. *tenuifolia* (Sw.) C. Chr. Pterid. Madg. 78, t. 7, fig. 4-6, 1932. *Stenoloma chinensis* Bedd. Handb. Ferns Brit. Ind. 70, 1883 (pro parte).

Pteris setigera (Bedd.) N. C. Nair comb. nov. et stat. *P. quadriaurita* Retz. var. *setigera* Bedd. Ferns Brit. Ind. t. 202, 1866; Handb. Ferns Brit. Ind. 111, 1883.

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THE IDENTITY OF *TEPHROSIA AXILLARIS* A. R. SMITH

A. R. Smith (in Kew Bull. 21: 311, 1967) described with illustrations a new species *Tephrosia axillaris* on the basis of the collections, *Ahluwalia* 25, *Ahluwalia* 3560 and *Ahluwalia* 3816 from Jamnagar in Gujarat State and he designated *Ahluwalia* 3816, a specimen collected from Rosi-Valsura, Jamnagar as the holotype. This taxon has already been described by Rev. Fr. H. Santapau (in Proc. nat.

Inst. Sci. India 24: 133, 1958) under the name *Tephrosia jamnagarensis* typified by the specimen Santapau 7522, collected at Rosi, the port of the city of Jamnagar in Gujarat. Santapau collected this specimen as early as 1945 and the type is available at the Blatter Herbarium. It is interesting to note that the type locality of A. R. Smith's and Santapau's species are identical. A. R. Smith's type des-

criptions and illustrations exactly agree with that of Santapau's and it is proposed to reduce *Tephrosia axillaris* A. R. Smith to the synonym of *Tephrosia jamnagarensis* Santapau as per Article 11 of the International Code of Botanical Nomenclature ed. 1961. The nomenclature and synonymy are as follows:

Tephrosia jamnagarensis Santapau in Proc. nat. Inst. Sci. India 24: 133, 1958; Santapau & Janardhanan, Fl. Saurashtra—Check list, Suppl. 1, Bull. bot. Surv. India 8: 20, 1966.

T. axillaris A. R. Smith in Kew Bull. 21: 311, 1967. *Synon. nov.*

As suggested by A. R. Smith (*l.c. supra*) *T. jamnagarensis* is allied to *T. forbesii* Bak., a south tropical African species, but differs principally in having adpressed silky under surface of leaves, smaller and shortly pedicelled flowers, shorter pods and fewer seeds.

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DISSOCHAETA ALSTONII SP. NOV. (MELASTOMATACEAE)

Dissochaeta alstonii Nayar sp. nov. affinis *D. hirsutae* Hook. f. ex Triana, sed foliorum lamina supra punctata et pagina inferiore stellato-furfuracea, bracteis linearibus differt.

Frutex scandens. Rami teretes, dense setoso-stellato-furfuracei. Folia ovata vel ovato-lanceata, 6-8.5 cm × 3-4 cm, basi cordata vel subcordata, apice acuminata, supra punctata, subtus dense stellato-furfuracea, supra in sicco pallide viridia, subtus in sicco brunnea, 5-nervia, supra et subtus venulis transversis distinctis, coriacea; petiolus 6-7 mm longus, dense setoso-stellato-furfuraceus, setis glandulosus. Inflorescentia terminalis, 20-30 cm longa, dense setoso-stellato-furfuracea; bracteae lineares, 3-6 mm longae, setoso-furfuraceae; pedicellus 2.5-3.5 mm longus. Calycis tubus campanulatus, 4.5-5.5 mm longus, dense setoso-stellato-furfuraceus, setis glandulosus, limbus 4-lobatus, lobis triangularibus, 2.5-3 mm longis. Petala 4, ovata vel ovato-oblonga, 4.5 × 2.5 mm, apice acuminata, glanduloso-setosa. Stamina 8, inaequalia; stamina maiores: filamentis 4-4.5 mm longis, antheris 4.4-5 mm longis, apice rostratis, connectivo 0.5 mm longo, dorso in calcarem 0.4 mm longum exeunte, in parte ventrali in appendices duos subulatos 2 mm longos exeunte; stamina minores: filamentis 3.5 mm longis, antheris 3.5-4 mm longis, apice rostratis, connectivo non producto, dorso in calcarem 0.2 mm longum exeunte, in parte ventrali in appendices duos minutos 0.2 mm longos exeunte. Ovarium apice stellato-furfuraceum, calycis tubo septis 8 adnatum, loculi 8 ad basin ovarii descendentes. Stylus 9-11 mm longus, glaber, stigmatibus punctiformi. Bacca subglobosa, 4.5-5.5 × 4 mm, stellato-furfuracea et setosa.

Typus lectus a A. H. G. Alston ad locum Sidi-kalang, Tapanuli in insula Sumatra die 27 martii



Dissochaeta alstonii Nayar sp. nov. (A.H.G. Alston 14813—Holotype)