

SIX NEW FLOWERING PLANTS FROM SIAM.

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Among a collection of flowering plants recently submitted to me by Mrs. Malcolm Smith, the following appear to be new to science. They were collected in the Nakon Sritamarat mountains in late February, March and early April, 1922.

Stelechocarpus longipes Craib. [Anonaceae-Uvarieae]; a *S. nitido* King et *S. Burahol* Hook. f. et Th., floribus ♀ multo longius pedicellatis differt.

Arbor 4 m. alta (ex *Smith*); ramuli annotini glabri, parum angulati, mox fusco-corticati, lenticellis parvis conspicuis. *Folia* lanceolata, apice acuminata, obtusa, basi cuneata, ad 23·5 cm. longa et 6 cm. lata, subcoriacea. pagina utraque glabra, inferiore pallidiora et nigro-punctata, nervis lateralibus utrinque 12—14 supra conspicuis subtus prominentibus rectis vel parum arcuatis bene intra marginem conspicue anastomosantibus, nervulis rete pagina utraque prominulum efficientibus, margine parum recurva, petiolo valido fusco circa 8 mm. longo glabro supra canaliculato subtus arete transverse corrugato suffulta. *Inflorescentia* ♀ e caule orta, pauciflora; pedicelli validi, superne parum incrassati, ad 6 cm. longi, basi pauci-bracteati et infra medium bracteola solitaria parva instructi, bracteis dorso adpresse pubescentibus ciliatis, basem versus sparse adpresse pubescentes, aliter glabri vel irregulariter puberuli, conspicue lenticellati. *Sepala* circa 8 mm. longa, utrinque glabra, ciliolata. *Carpella* numerosa, adpresse pubescentia, ovulis circa 10 biserialiter dispositis.

Khao Ram, 300 m. perianth pink, fruit orange, *Native Collector* (Herb. Eryl Smith, 643.)

Melodorum fuscum Craib. [Anonaceae-Xylopieae]; species nova floribus solitariis terminalibus, petalis sicco fusco-brunneis dorso glabris, ovulis duobus distinguenda.

Ramuli primo substraminei vel fusci, sparse hic et illic puberuli, angulati, cito omnino glabri. *Folia* oblonga vel oblongo-lanceolata, apice obtuse acuminata, basi rotundata vel late cuneata, ad 15·5 cm. longa et 5 cm. lata, chartacea, glabra, subtus pallidiora, nervis lateralibus utrinque 8—10 bene intra marginem anastomosant-

ibus supra vix conspicuis subtus prominulis, nervulis subtus prominulis, margine parum recurva, petiolo 4—10 mm. longo supra anguste canaliculato suffulta. *Flores* odorati, pallide virides, fere albi, sicco fusco-brunnei, solitarii, ternales, pedunculo brevi paucibracteato, pedicello vix 1 cm. longo superne gradatim paulo incrassato apicem versus bracteola amplexicaule circa 1 mm. alta instructo suffulti. *Sepala* 3, ovata vel late ovata, obtusa, 5 mm. longa, 4.5 mm. lata, utrinque glabra, ciliolata. *Petala* 6, crassa, exteriora ovato-lanceolata, superne angustata, 16 mm. longa, 9 mm. lata, glabra, interiora exterioribus paululo breviora, glabra. *Stamina* numerosa, connectivo complanato loculos haud obtegente. *Carpella* ferrugineo-pubescentia, 2 mm. alta, stylo stigmatate incluso vix 1 mm. longo, ovulis duobus erectis elongatis.

Khao Ram, 300 m., *Eryl Smith*, 536.

Miliusa Smithiae Craib. [Anonaceae-Miliuseae]; a *M. longipede* King, foliis minoribus, pedicellis longioribus, floribus minoribus recedit.

Ramuli graciles, primo straminei vel brunneo-straminei, glabri, mox cortice cinereo-brunneo reticulato obtecti. *Folia* oblanceolata vel obovato-oblanceolata, rarius suboblonga, apice acuminata, obtusa, basi cuneata vel rotundato-cuneata, interdum parum inaequilateralia, 6—13 cm. longa, 2.5—4.5 cm. lata, chartacea, pagina utraque matura glabra, nervis lateralibus utrinque 8 intra marginem anastomosantibus supra vix conspicuis subtus prominulis, petiolo 2—3 mm. longo supra canaliculato subtus demum transverse corrugato suffulta. *Flores* parum vel conspicue supra-axillares, pedicellis gracilibus 3—5 cm. longis basi parvi-bracteolatis suffulta. *Sepala* deltoidea, obtusa, 0.75 mm. longa, dorso parce adpresse pubescentia, ciliata. *Petala* exteriora sepalis conformia, lanceolata vel deltoideo-lanceolata, obtusa, circa 1 mm. longa, indumento ei sepalorum simili tecta, interiora sicco fusca, 1 cm. longa, extra glabra, intra puberula. *Stamina* numerosa.

Khao Ram, 300 m. *Native Collector* (Herb. Eryl Smith, 684.)
Khao Luang, *Native Collector* (Herb. Eryl Smith, 691.)

Alphonsea pallida Craib. [Anonaceae-Miliuseae]; ab affini *A. Boniana* Finet et Gagnep., ramulis glabris mox pallidis, foliis maturis glabris recedit.

Arbor 10-metralis; ramuli graciles, glabri, hornotini fusci, cito pallide corticati, lenticellis vix conspicuis. *Folia* lanceolata lateve lanceolata, apice obtusa vel obtuse subacuminata, basi cuneata lateve cuneata, 5—9 cm. longa, 2—3.4 cm. lata, chartacea, iuventute subtus pilis paucis brevibus adpressis ferrugineis instructa, cito glabra, subtus pallidiora, nervis lateralibus utrinque 8 intra marginem anastomosantibus supra conspicuis subtus prominulis, nervulis subtus prominulis, margine parum recurva, petiolo 4—5 mm. longo siccio fusco suffulta. *Flores* albi, siccio fusci, terminales, pedicello circa 6 mm. longo suffulti. *Sepala* parva. *Petala* basi saccata, exteriora ovato-lanceolata, vix 1 cm. longa, 5.5 mm. lata, puberulo-ciliata, interioribus paululo longiora. *Ovarium* e carpello solitario 2 mm. alto adpresse pubescente stigmate vix 0.5 mm. longo constitutum.

Khao Ram, 360 m., *Eryl Smith*, 622.

Stephania papillosa Craib. [Menispermaceae-Cocculeae]; species nova foliis subtus ad nervos papilloso-puberulis, inflorescentia umbelliformi, floribus pro genere maiusculis, sepalis dorso papillosis, synandrio distincte stipitato cognoscenda.

Ramuli iuventute papilloso-puberuli, mox glabri, fusco-olivaceo-corticati, striati vel sulcati. *Folia* ovato-triangularia, basi truncata vel leviter emarginata, 10 cm. longa, 9 cm. lata, membranacea, supra ad nervos minute papilloso-puberula, viridia, subtus glauca, ad nervos papilloso-puberula, nervis 10 radiantibus supra conspicuis subtus subprominulis, nervulis rete sat gracile subtus magis conspicuum efficientibus, petiolo 7 cm. longo praesertim superne papilloso-puberulo 1.7 cm. supra laminae basem inserto suffulta. *Pseudumbellae* ♂ in speciminibus visis e ramis defoliatis vel e ramulis foliis redactis ortae, pedunculo communi 5.5—12.5 cm. longo cum pedunculis partialibus pedicellisque papilloso-puberulo suffultae, radiis 3—5 pseudumbellam 1.5—3.5 cm. diametro gerentibus 2—8.5 cm. longis, cymulis ultimis laxis, pedicellis ad 3.5 mm. longis apice articulatis. *Sepala* 3 exteriora spatulata vel oblanceolato-spatulata, apice rotunda-

ta, 2.25 mm. longa, 1.3 mm. lata, dorso papillosa, pauperius ciliolata, 3 interiora triangularia vel elliptico-triangularia, basi in unguem distinctum angustata, 3—3.25 mm. longa, 2 mm. lata, dorso papillosa. *Petala* 3, carnosae, 2 mm. longa, fere 2.5 mm. lata, integra. *Synandrium* 2 mm. altum, apice 1.4 mm. diametro.

Khao Ram, *Eryl Smith*, 678.

Alsodeia (*Pentaloba*) *Smithiae* Craib. [Violaceae]; ab *A. Murtonii* Craib, petiolis longioribus, cymis petiolis brevioribus, floribus minoribus, disco ovario multo brevioribus inter alia recedit.

Arbuscula 3-metralis; ramuli primo angulati, plus minusve adpresse strigillosi, mox puberuli, demum glabri, cortice brunneo vel cinereo striato obtecti, lenticellis hic et illic conspicuis. *Folia* oblanceolata, apice acuminata, mucronata, basi cuneata, parum inaequilateralia, usque ad 15.5 cm. longa et 5.5 cm. lata, chartacea, supra matura glabra vel ad costam praesertim inferne parce adpresse pubescentia, subtus pallidiora, ad costam distincte pubescentia vel sparse adpresse pubescentia, ad nervos laterales sparsius adpresse pubescentia, nervis lateralibus utrinque circa 12 intra marginem anastomosantibus supra conspicuis subtus prominentibus, nervulis subtus prominulis, margine serrulata, petiolo 1—1.7 cm. longo praesertim supra adpresse pubescente suffulta; stipulae deciduae, circa 3 mm. longae. *Cymae* axillares, petiolo breviores, pedunculo communi brevi suffultae; pedicelli ad 3 mm. longi. *Sepala* ovata, acutiuscula, circa 1.75 mm. longa et 1.4 mm. lata, dorso parce strigillosa, ciliata. *Petala* oblonga, acutiuscula, circa 3 mm. longa et 1.5 mm. lata, dorso medio adpresse strigillosa, nisi apicem versus ciliata. *Filamenta* 0.5 mm. longa, glabra, antheris (appendice inclusa) 1.5 mm. longis, appendice triangulari, membranacea loculos vix aequante. *Ovarium* adpresse strigillosum. *Capsula*, vix matura, circa 1 cm. longa, fere glabra, laevis, calyce et corolla persistentibus.

Klong Khao Kaa, 60 m. *Eryl Smith*, 510.