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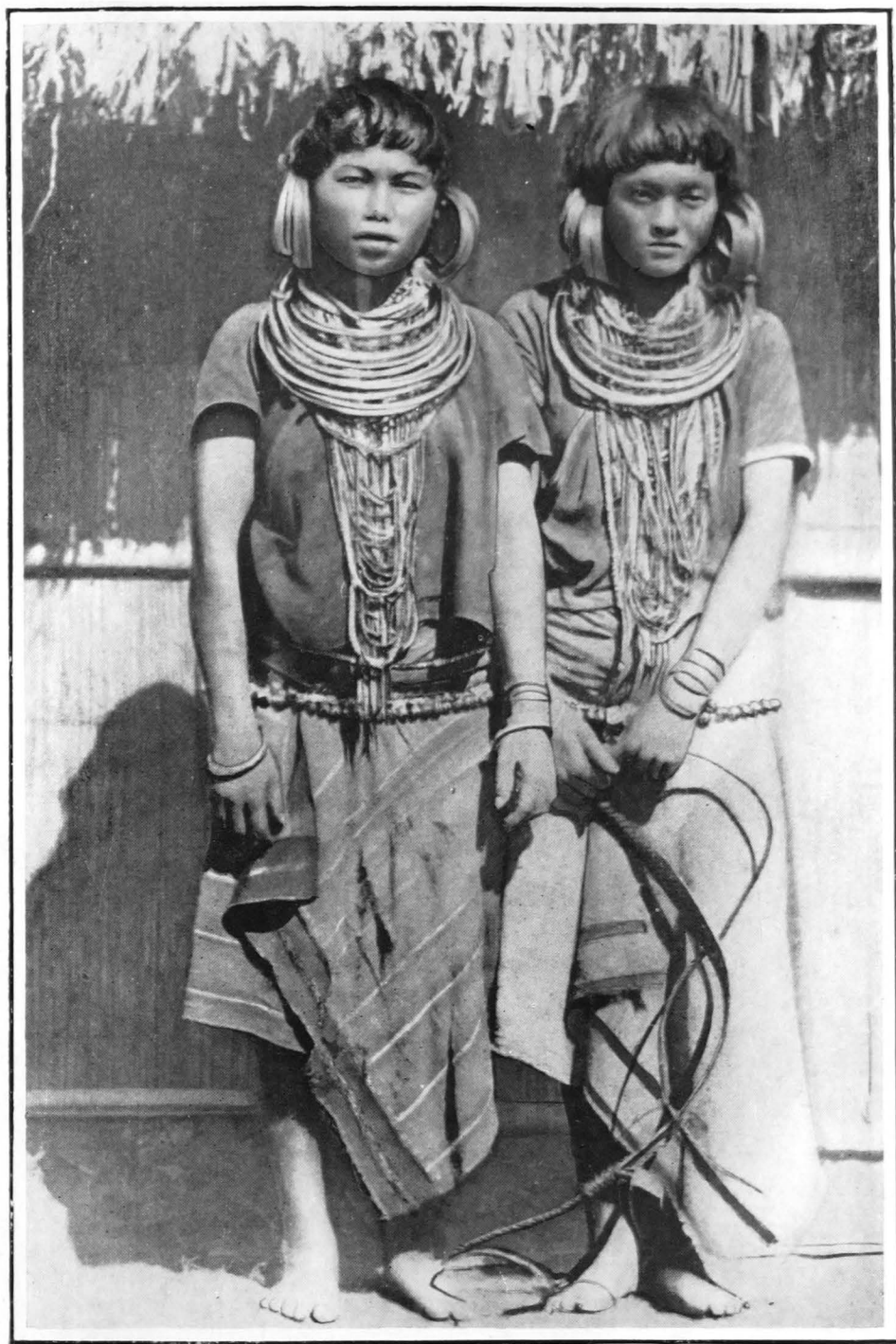
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TO
THE HON. W. A. HERTZ, C.S.I.

LATE COMMISSIONER, MAGWE

UPPER BURMA

“Then some of us went away and annexed Burma, and some
tried to open up the Soudan, and were opened up by Fuzzies
in that cruel scrub outside Suakim. . . .”

RUDYARD KIPLING

PREFACE

MANY of the illustrations contained in this volume I owe to the kindness of frontier officers, and my thanks are especially due to Mr P. M. R. Leonard of the Frontier Service, and to Mr T. Hare of the Public Works Department, also to Mr A. W. Porter.

I am much indebted to Major J. E. Cruickshank of the 1/2nd Gurkhas (late of the Burma Military Police) for assistance while I was at Hpimaw; to Mr J. T. O. Barnard, C.I.E., now Deputy Commissioner, Fort Hertz; and to Major J. de L. Conry of the Erimpuras.

Finally, I must record the debt of gratitude I owe to Mr W. A. Hertz, C.S.I., late Commissioner, Magwe, Upper Burma, and to Surgeon Brooks of the Indian Medical Service, who together pulled me through a serious illness at Fort Hertz.

F. K. W.

LONDON, 1920.

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SYNOPSIS OF THE PRINCIPAL

Common English Name	As called by the tribe itself	Chinese	Kachin	Maru	Lashi
Kachin	Ching-paw	Shan-t'ou, or Yêh-jên ¹	—	P'u-man (?)	P'ok
Maru	Lawng-vaw	Lan-su	Ma-ru	—	Lang
Lashi	Le-chi	Ch'a-shan	La-shi	La-si	—
Lisu, or Yawyin	Li-su	Li-so, or Yêh-jên ¹	Yaw-yen	La-si	La-si
Shan, or Tai	Hkamti ³	Pai-i	Sam or Hsam	Sen	Sam
Nung	Taron (Tourong)	Kiu-tzu	Nung	—	—

¹ The words yêh-jên mean "wild man" and are commonly applied to any of the

² The Shans have confused the Lisu with the Nung, using the same name for both.

³ The Shans were once a great race, but have become split up into a number of geneous body of Shans now are the Siamese. The word "Shan" is the Burmese

⁴ Hkunung means "slave Nung."

DIX I

TRIBES, NORTH-EAST FRONTIER

Lisu	Shan	Nung	Principal Present Home
—	Hkang	—	Mali valley, Hukong valley and trans-Mali country
La-si	Ma-lu	—	'Nmai hka and tributaries up to lat. 27° 30'
—	—	—	Htawgaw Hills and Ngawchang hka
—	Chenung ²	—	Salween valley, Salween-Irrawaddy divide, tributaries of the 'Nmai hka
—	—	—	Plain of Hkamti Long
—	Hkunung ⁴	—	Taron and valleys to the west, north of lat. 27° 30'

hill tribes. The word Yawyin is clearly a corruption of it.

isolated bodies, of whom the Hkamti Shans are one. The only considerable homonym for them. The Hkamti Shans call themselves simply Hkamti.

APPENDIX II

THE following list includes some of the more interesting plants which I collected in the Htawgaw Hills in 1914 and 1919; others are mentioned in the course of the narrative. Those printed in heavy type are new species; those marked with an asterisk are in cultivation in England raised from my seeds. The numbers refer to my catalogues.

The identifications are by Sir Isaac Bayley Balfour, F.R.S., and Mr W. W. Smith, M.A., to whom I am indebted.

- 3224. *Abelia* sp. (undetermined).
- 1707. *Acanthopanax evodiæfolius*, Franch. var. *ferugineus*, W. W. Sm. var. nov.
- 1963. *Acanthopanax trifoliatum*, Schneider.
- 1414. *Acer Wardii*, W. W. Sm.
- *3575. *Aconitum* sp. (undetermined).
- 1945. *Æginetia indica*, Roxb.
- 200. *Agapetes Wardii*, W. W. Sm.
- *3428. *Allium* sp. (undetermined).
- 3310. *Androsace* sp. (undetermined).
- *3171. *Androsace Henryi* (?).
- 1975. *Apios carnea*, Benth.
- 3590. *Arenaria pogonantha*.
- 1660. *Beesia cordata*, B. fil. et W. W. Sm. gen. nov. *Ranunculacearum*.
- 1670. *Bletilla hyacinthina*, Reich. f.
- 1867. *Buddleia limitanea*, W. W. Sm.

- *3314. *Buddleia* sp. (undetermined).
 3697. *Campanula colorata*.
 1788. }
 3366. } *Cassiope myosuroides*, W. W. Sm.
 3311. *Cassiope palpebrata*, (?) W. W. Sm.
 1824. *Chirita umbricola*, W. W. Sm.
 1733. *Circæa alpina*, Linn.
 3084. *Clintonia* sp. (undetermined).
 1698. *Clitoria Mariana*, Linn.
 *3491. *Codonopsis* sp. (undetermined).
 1569. *Cœlogyne corymbosa*, Lindl.
 1708. *Corydalis saltatoria*, W. W. Sm.
 3663. *Cotoneaster rotundifolia*.
 1783. }
 *3360. } *Cremanthodium gracillimum*, W. W. Sm.
 1796. }
 *3361. } *Cremanthodium Wardii*, W. W. Sm.
 *3409. *Cremanthodium* sp. (undetermined).
 3478. *Cymbidium* sp. (undetermined).
 1643. *Cypripedium bracteatum*, Rolfe.
 2003. *Daedalacanthus Wardii*, W. W. Sm.
 * *Dendrobium* sp. (undetermined).
 1599. *Dipentodon sinicus*, Dunn.
 1526. *Disporum pullum*, Salisb.
 1596. *Drosera peltata*, Sm.
 3122. *Enkianthus* sp. (undetermined).
 *3045. *Enkianthus* sp. (undetermined).
 *3122. *Enkianthus deflexus* (?).
 1667. *Epipactis Royleana*, Lindl.
 1543. *Euonymus Wardii*, W. W. Sm.
 1691. *Gaultheria trichophylla*, Royle.
 1613. *Gaultheria fragrantissima*, Wall.
 1590. *Gaultheria Griffithiana*, Wight.

- * 3062. *Gaultheria* sp. (undetermined).
- 1840. *Gaultheria laxiflora*, Diels (new to Burma).
- 1879. *Goodyera Schlechtendaliana*, Reichb. f.
- 1982. *Gynura angulosa*, DC.
- * 3644. *Hedychium* sp. (undetermined).
- 1662. *Herminium angustifolium*, Lindl.
- 1542. *Hydrangea subferruginea*, W. W. Sm.
- 1592. *Hydrangea yunnanensis*, Rehder.
- 1853. *Hydrangea aspera*, D. Don.
- 1576. *Illicium yunnanense*, Franch.
- * 3386. *Iris* sp. (undetermined).
- 1043. *Lagotis Wardii*, W. W. Sm.
- 3683. *Leptocodon gracile*.
- 1894. *Lysionotus gracilis*, W. W. Sm.
- 1895. *Lysionotus Wardii*, W. W. Sm.
- * 3427. *Lilium Thompsonianum*.
- * 3261. *Lilium Wallichianum*.
- * 3446. *Lloydia* sp. (undetermined).
- 1979. *Limnophila hirsuta*, Benth.
- 1980. *Limnophila sessiliflora*, Blume.
- 3376. *Listera* sp. (undetermined).
- 3277. *Lonicera* sp. (undetermined).
- 3698. *Magnolia* sp. (undetermined).
- * 3709. *Magnolia* sp. (undetermined).
- * 3281. *Meconopsis Wallichii*.
- 1504. *Microglossa volubilis*, DC.
- 1769. *Microstylis muscifera*, Ridley.
- 1624. *Mimulus nepalensis*, Benth.
- * 3100. *Mimulus* sp. (undetermined).
- 1712. *Millettia cinerea*, Benth.
- 2005. *Mucuna pruriens*, DC.
- * 3268. *Nomocharis pardanthina*, (?) B. fil.
- 1862. *Oberonia myriantha*, Lindl.

1865. *Oxyspora serrata*, Diels.
 3286. *Parnassia* sp. (undetermined).
 3282. *Philadelphus* sp. (undetermined).
 * 3394. *Polygonum Griffithii*.
 1602. *Polygonum runcinatum*, Ham.
 1714. *Polygonum microcephalum*, D. Don.
 1854. *Polygonum molle*, Don.
 1937. *Polygonum chinense*, Linn.
 1940. *Polygonum orientale*, Linn.
 1973. *Polygonum hydropiper*, Linn.
 1983. *Polygonum perfoliatum*, Linn.
 * 3453. *Polygonum* sp. (undetermined).
 3393. *Polygonum Forrestii*.
 1688. }
 * 3093. } *Primula praticola*, Craib.
 * 1632. *Primula seclusa*.
 * 3094. *Primula calliantha* (?).
 * 3389. *Primula involucrata* (?).
 3186. *Primula Delavayi* (?).
 1644. *Primula fragilis*, B. fil et Ward.
 1805. *Primula coryphaea*, B. fil et Ward.
 1784. *Primula sciophila*, B. fil et Ward.
 1634. *Primula Beesiana*.
 1635. *Primula helodoxa*.
 3407. *Primula serratifolia*.
 * 3656. *Primula* sp. (undetermined).
 3092. *Primula euosma* (?).
 3110. *Primula* sp. (undetermined).
 3150. *Primula* sp. (undetermined).
 1572. *Primula sonchifolia*.
 Primula sp. (undetermined).
 Primula limnoica.
 Primula Listeri.

1758. *Pueraria Wallichii*, DC.
 1950. *Pueraria Thunbergiana*, Benth.
 *3158. *Pyrus* sp.
 1851. *Rhododendron agapetum*, Balf. fil. et Ward.
 *1628. *Rhododendron megacalyx*, Balf. fil. et Ward.
 *3101. *Rhododendron arizelum*, Balf. fil. et Forrest.
 1817. }
 1757. } *Rhododendron crassum*, Franch.
 1538. *Rhododendron dendricola*, Hutchinson.
 *3392. *Rhododendron dicranthum* (?).
 1778. }
 *3301. } *Rhododendron euchroum*, Balf. fil et Ward.
 Rhododendron erigoynium, Balf. fil.
 1596. *Rhododendron facetum*, Balf. fil. et Ward.
 *3042. *Rhododendron habrotrychum*, Balf. fil. et
 W. W. Sm.
 *3267. *Rhododendron herpesticum*, Balf. fil. et Ward.
 1567. *Rhododendron mallotum*.
 1791. *Rhododendron nmaiense*, Balf. fil. et Ward.
 1906. *Rhododendron operinum*, Balf. fil. et Ward.
 1565. *Rhododendron regale*, Balf. fil. et Ward.
 *3016. *Rhododendron siderium*, Balf. fil.
 1629. *Rhododendron sciaphilum*, Balf. fil. et Ward.
 3316. *Rhododendron sino-grande*, Balf. fil. et
 W. W. Sm.
 *3095. *Rhododendron tapeinum*, Balf. fil. et Farrer.
 1566. *Rhododendron tanastylum*, Balf. fil.
 1568. *Rhododendron zaleucum*, Balf. fil. et W. W. Sm.
 *3001-D. *Rhododendron* sp. (undetermined).
 *3040. *Rhododendron* sp. (undetermined).
 *3097. }
 3305. } *Rhododendron* sp. (undetermined).
 *3300. *Rhododendron* sp. (undetermined).

- * 3301. *Rhododendron* sp. (undetermined).
 * 3302. *Rhododendron* sp. (undetermined).
 * 3303. } *Rhododendron* sp. (undetermined).
 3391. }
 * 3304. *Rhododendron* sp. (undetermined).
 * 3155. *Rhododendron* sp. (undetermined).
 * 3189. } *Rhododendron* sp. (undetermined).
 3365. }
 * 3408. } *Rhododendron* sp. (undetermined).
 3721. }
 3722. *Rhododendron* sp. (undetermined).
 3527. *Rhynchoglossum obliquum*.
 3006. *Rosa bracteata* (?).
 3072. *Rosa sericea*.
 3401. *Rosa* sp. (undetermined).
 * 3199. *Roscoeæ* sp. (undetermined).
 1695. *Rubus loropetalus*, Franch (new to Burma).
 1955. *Sabia Wardii*, W. W. Sm.
 1870. *Satyrium nepalense*, Don.
 1618. } *Schizandra grandiflora*, H. f. and T.
 * 3065. }
 1693. *Scrophularia Delavayi*, Franch.
 * 3123. *Sorbus* sp. (? undetermined).
 1848. *Spathoglottis pubescens*.
 1799. } *Spiræa Wardii*, W. W. Sm.
 3307. }
 3363. *Spiræa bella*.
 1735. *Spiranthes australis*.
 1775. *Sporoxeia sciadophila*, W. W. Sm. gen. nov.
 Melastomacearum.
 1749. *Streptopus amplexifolius*.
 3265. *Streptopus* sp. (undetermined).
 1911. *Strobilanthes oresbius*, W. W. Sm.

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- 1912. *Strobilanthes Wardii*, W. W. Sm.
- 1896. *Strobilanthes stramineus*, W. W. Sm.
- 2000. *Strobilanthes arenicolus*, W. W. Sm.
- 1857. *Thalictrum semiscandens*, W. W. Sm.
- *3422. *Thalictrum* sp. (undetermined).
- *3001-A. *Thalictrum* sp. (undetermined).
- 1760. *Tofieldia yunnanensis*, Franch.
- 1514. *Torenia peduncularis*, Benth.
- 1611. *Tovaria finitima*, W. W. Sm.
- 1811. *Tovaria Wardii*, W. W. Sm.
- 1705. *Tricyrtis macropoda*, Miq.
- 1718. *Tripterygium Forrestii*, Loes.
- 3099. } *Viburnum Wardii*, W. W. Sm.
- 1620. }
- 1658. *Viburnum erubescens*, W. W. Sm.
- 1716. *Viburnum cylindricum*, Ham.
- 1719. *Viburnum foetidum*, Wall.

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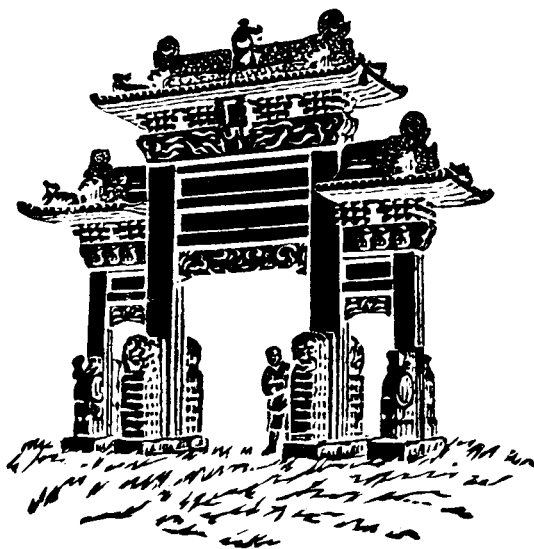
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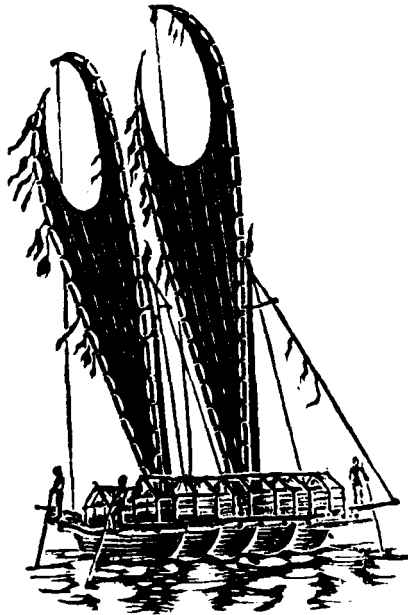
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