

Medicinal Plant-lore of the Santals¹

(A Revival of P. O. Boddling's Work)

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Introduction

The Santals are one of the largest tribes of India, numbering about three million. They inhabit chiefly the Santal Pargana district of Bihar and the neighbouring districts in eastern India. The Santals have been a subject of intensive study by anthropologists and sociologists. Very little information is, however, available on the ethnobotany of these people.

Rev. P. O. Boddling lived and worked among the Santals for a long period. He published his notes on Santal medicine (recorded from 1890 to about 1925) in the *Memoirs of the Asiatic Society of Bengal* (Volume 10, No. 1: 1-132, 1925, and No. 2: 133-426, 1927).⁴

Boddling's work is significant, as very little else has been written on the medicinal plant lore of the aboriginal people of India, except for some recent reports of Jain and his co-workers (Jain, 1963 a, b, 1965 a, b; Jain & De, 1965; Jain & Tarafder, 1963). Indirect references are occasionally seen in certain ethnographies, floristic accounts and travel reports.

The tribal, or aboriginal, people generally reside in very remote areas where practically no organised medical aid is available. How these people face and fight their ailments has been a subject of much curiosity, apprehension, and sometimes exaggerated rumours. The ethnographers working among the tribes of India have occasionally tried to study the diseases and their treatment. Their reports mostly refer to the diseases and the curative herbs by local names only, and are obviously of little value to a botanist or pharmacologist. In this respect, Bod-

ding's work is an exception: he has rendered an as-near-as-possible English translation of names and symptoms of diseases and of the methods of treatment. For proper interpretation of diseases he had the assistance (a rare privilege) of two qualified medical doctors, Dr. (Mrs.) Boddling and Dr. B. B. Bogh. Boddling has given botanical names of most of the plants discussed in his works. He writes (loc. cit. p. 405): "So far as it has been possible to me, I have given the scientific names of the ingredients made use of. In the case of trees, I trust all names are correct. As regards several plants, I am not so sure. It will also be seen that a number stand without identification. If any research worker should wish to investigate the properties of these, or for that matter, of any of the ingredients mentioned, it would as a rule be possible to get a supply of the stuff itself."

At the time of publishing his work on Santal medicine, Boddling had spent well over thirty years among the Santals, an opportunity available to few field workers. Boddling's work, very valuable and original though it was, remained for forty years almost unnoticed by workers on Indian medicinal herbs. Recently, while engaged in a study of the medicinal plant-lore of the Santals and other tribes of Purulia and adjacent regions in Bengal, and in a general search for Indian ethnobotanical literature, the senior author came across Boddling's work and found to his astonishment that the work had not been cited by some of the most important and comprehensive publications on economic plants of India or eastern Asia (e.g., Burkill, 1935; Chopra, 1958; Chopra, Nayar & Chopra, 1956; Daniel Sundarraj & Balsubramanyam, 1959; Dastur, 1951; Kirtikar & Basu, 1935; Mhaskar & Caius, 1931; Mooss, 1953; Nadkarni, 1954; Quisumbing, 1951; Uphof, 1959; Wealth of India, 1948-62; and Maheshwari & Singh, 1965).

The reasons for this seem to be two:

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1) the *Memoirs of the Asiatic Society of Bengal*, which started publication in 1905 and had generally included material on archaeology, zoölogy, and anthropology, did not attract the attention of botanists and phytochemists; 2) (and perhaps more significantly), an alphabetical index or catalogue of the medicinal plants discussed by Bodding in his work is wanting.

It is useful to mention here briefly the general arrangement of subject matter in Bodding's "Studies in Santal Medicine and Connected Folklore." The work is divided into two main parts. In the first part (pp. 1-132) the general attitude of the Santals toward disease, i.e., causes, superstitions, influence of supernatural powers, status of the medicine man, propitiation of evil spirits, etc., are discussed. In the second part (pp. 133-426) the treatment of diseases is discussed. The different diseases, progressing from head to foot, are given under serial numbers 1 to 305. The local name of each disease is first given, followed by an English rendering. The symptoms of the disease are sometimes given and one or more prescriptions associated with that disease. Instructions for preparation of the drug and its application or administration are given. The local names of the plants (and/or animals) forming ingredients of the prescriptions are given, followed by scientific names. In some instances, the name or description of the disease and the curative herbs are given only in the local language. Obviously, Bodding had difficulty in making sense out of the vague descriptions given to him by his informants. Towards the end of the work, veterinary diseases (numbers 1 to 16) are discussed.

An index of local (but not the scientific) names of herbs, animals, and other subjects referred to in the work is given at the end.

The subject matter being arranged under various human and cattle diseases, it is not easy to discover the different uses to which a particular medicinal herb is put, or if a certain plant is considered medicinal at all by the Santals. We wanted to compare the knowledge of the Gonds regarding certain medicinal herbs with that of the Santals; it was difficult to do so.

In order to make the botanical aspects of Bodding's work available for reference, we

have prepared the following alphabetical glossary of the medicinal plants employed by the Santals, citing the relevant page and entry numbers in Bodding's work and also the diseases with which they are associated. The latter information raises the present work from a mere index of names to a dictionary of medicinal uses attributed by the Santals to those plant species.

As the spellings and author citations of botanical names in Bodding's work are sometimes inconsistent and in places incorrect, the correct spellings and author names have been used in the present work.

Several botanical names given in Bodding's work have become obsolete. In all such cases, names in current general usage appear immediately after the invalid name. Also, the current names are inserted in the list in alphabetical order as cross references. Throughout the present work, correct botanical names are given in upper and lower capitals and the synonyms in *italic* type.

Bodding has made some references to plants in his introductory remarks. These are indicated here by an asterisk. If a certain plant name has appeared in more than one prescription under the same disease, its first entry only has been included. The diseases mentioned in *italic* type refer to veterinary medicine.

Only common and popular terms for diseases are given; details of these diseases and their symptoms and the various prescriptions must be seen in Bodding's work. Bodding has mentioned dozens of kinds of convulsions (e.g., mad convulsions, tiger convulsions, monkey convulsions, crocodile convulsions, etc.). Here these are given as mere convulsions. Similarly, the bite of various types of insects and different types of sores are indicated here briefly as insect bites or sores. Sometimes it was found difficult to sum up the curious description of symptoms, and a phrase approximating the symptoms is expressed within single quotation marks.

Three hundred and seventy-three plant species belonging to 93 families of Angiosperms and 4 cryptogams are dealt within this paper. A classification of the Angiosperms by family appears in Appendix I. In order to make this work accessible and useful to those research workers who are familiar with medicinal herbs only by their

common English or Indian vernacular names, selected English, Sanskrit, Hindi, and Bengali equivalents for these plants are shown in the alphabetical list in Appendix II. These three Indian languages are chosen because considerable literature on Ayurveda⁵ exists in Sanskrit; and Hindi and Bengali are the languages of the region adjacent to the Santal Parganas.

When considering phytochemical or pharmacological testing of these plants, it should be borne in mind that many of them are employed in the prescriptions not singly but in combination with other plant species or sometimes with products of animal or mineral origin.

As would be expected in the culture of any tribal people, the administration or application of these prescriptions is usually accompanied by religious or magical rituals; in fact, the curative effect is often attributed to the ritual, the prescription being merely a "medium." For botanical or chemical studies, however, we may venture to separate grain from chaff.

1. ABRUS PRECATORIUS L.

Night blindness, 171 (21); inflammation of gums, 177 (32); muscular pain, 217 (88); pain in the loins, 220 (92); convulsions, 251 (149); mucus in urine, 294 (201); gravel, 298 (206); diarrhoea, 369 (276); *bone fracture in cattle*, 402 (12).

2. ABUTILON INDICUM (L.) Sw.

Convulsions, cramps, 234 (110); colic pain (may be strangulation of the intestine), 239 (117); spermatorrhoea, 292 (200); dysentery, 334 (245); consumption, cough, bronchitis, 349 (253); menorrhagia, 360 (266); *bone fracture in cattle*, 402 (12).

3. ACACIA ARABICA Willd.

Hair fall, 161 (3); earache, 174 (26); syphilis, 286 (195); cholera, 324 (244); dysentery, 329 (245); leprosy, 356 (258); *rinderpest*, 397 (3).

A. CAESIA Willd. See A. *intsia* Willd.

4. A. CATECHU Willd.

Sore in mouth, 179 (35); pain in chest, 189 (60); cancer, 212 (82); colic pain, 238 (117); strangulation of the intestine,

242 (124); gravel, 298 (206); dysentery, 334 (245); phthisis, bronchitis, asthma, 342 (252); consumption, cough, bronchitis, 347 (253).

5. A. FARNESIANA Willd.

Madness, 208 (80); carbuncle, 215 (85); epilepsy, 231 (103); rabies, 237 (114); convulsions, delirium, 247 (136); sores, 268 (178); cholera, 319 (244); sterility in women, 359 (264); snakebite, 381 (290); *rinderpest*, 397 (3).

6. A. intsia Willd. = A. CAESIA Willd.

'Koca nargi', 262 (170); tubercular fistula, 270 (181); measles, 276 (190); smallpox, 277 (191); consumption, cough, bronchitis, 349 (253); pleurisy caused by witch's charm, 351 (254).

7. ACHYRANTHES ASPERA L.

Toothache, 176 (31); atrophy, emaciation or cachexy, 211 (81); rheumatism, 222 (94); strangulation of intestine, 242 (124); scabies, 274 (188); syphilis, 280 (192) and 282 (193); atrophy, 302 (208); labour complaints, 363 (270); 365 (272); tigerbite, 379 (288); snakebite, 382 (290); *blindness in cattle*, 401 (10).

8. ACHYRANTHES sp.

Pain in the loins, 221 (93).

9. ACORUS CALAMUS L.

Epilepsy, 229 (101), and 233 (107); indigestion, 308 (224); phthisis, bronchitis and asthma, 344 (252); consumption, 348 (253).

ADHATODA VASICA Nees see *Justicia adhatoda* L.

10. ADIANTUM CONCINNUM or A. LUNULATUM Burm.

Atrophy, emaciation or cachexy, 211 (81); muscular pain, 218 (89); diarrhoea, 316 (241); bite of a rabid jackal, or dog; or rabies, 377 (285).

11. ADINA CORDIFOLIA Hk.f. ex Brandis

Night blindness, 171 (21); 'Paethania ghao', 288 (197); carbuncle, 290 (198); biliary colic; 312 (237); cholera, 320 (244); *rinderpest*, 398 (3); *blindness in cattle*, 401 (10).

12. AEGLE MARMELOS Correa

Night fever, 192 (61); disease without

⁵ The Indian indigenous system of medicine.

premonitory symptoms, 207 (79); convulsions, cramps, 234 (110); nausea, 305 (216); constipation, 307 (223); stomachache, 311 (234); diarrhoea, 315 (241); cholera, 318 (244); dysentery, 331 (245); postnatal complaints, 366 (274); puerperal fever, 368 (275); pain in abdomen and thirst, 370 (277); breast pain or suppuration, 372 (281); snakebite, 380 (290). Parasitic plant on *Aegle* used for inflammation of gums, 177 (32).

13. *AERVA LANATA* Juss.

White urine, 293 (201); diarrhoea, 304 (212); cholera, 326 (244); dysentery, 331 (245); snakebite, 383 (290).

14. *AGAVE AMERICANA* L.

Ascites, dropsy, anasarca, 205 (75); venereal sores, syphilis, 281 (192); dysentery, 333 (245).

15. *Alangium lamarckii* Thw. = *A. SALVIFOLIUM* (L.f.) Wang.

Enlargement of spleen, 201 (70); dropsy and anasarca, 204 (75); colic pain, 239 (117); stomach ache, 309 (229); biliary colic, 312 (237) and 313 (239); prolapsus ani, also fistula ani, 312 (238); cholera, 324 (244); phthisis, bronchitis and asthma, 343 (252); bite of rabid jackal or dog, 376 (285); snakebite, 382 (290).

A. SALVIFOLIUM (L.f.) Wang. see *A. lamarckii* Thw.

16. *ALBIZIA MYRIOPHYLLA* Benth.

Phthisis, bronchitis and asthma, 342 (252).

17. *Alpinia cardamomum* Roxb. = *ELETARIA CARDAMOMUM* (L.) Maton.

Phthisis, bronchitis and asthma, 342 (252); consumption, cough and bronchitis, 348 (253).

18. *ALSTONIA SCHOLARIS* R. Br.

Headache, 163 (7); pain in leg, 183 (45); pain in loins, 220 (93); rheumatism, 221 (94) and 223 (96); hemiplegia, 227 (100); cholera, 317 (244); bronchitis, 339 (249); phthisis, bronchitis and asthma, 344 (252); neuralgia, pleurisy, pneumonia, 352 (255); lactation complaints, 370 (278) and 371 (279).

19. *ALTERNANTHERA SESSILIS* (L.) R. Br.

Hazy vision, 166 (11); night blindness, 171 (21); to extract earwig, 174 (27);

intermittent fever (malaria), 185 (50); post-natal complaints, 244 (131); prolapsus ani, also fistula ani, 312 (238); diarrhoea, 315 (241); dysentery, 332 (245), puerperal fever, 368 (275); bite of rabid jackal or dog, 375 (285); bite of lizard, 387 (292) and (293); *bone fracture in cattle*, 402 (12).

20. *Amaranthus frumentaceus* Buch.- Ham. = *A. PANICULATUS* L.

Dropsy, anasarca, 203 (75).

21. *A. gangeticus* L. var. *angustifolia* L. = *A. TRICOLOR* L.

Dysentery, 332 (245); consumption, cough and bronchitis, 351 (253).

A. PANICULATUS L. see *A. frumentaceus* Buch. Ham.

22. *A. SPINOSUS* L.

Vomiting, 303 (210).

A. TRICOLOR L. see *A. gangeticus* L.

23. *AMORPHOPHALUS CAMPANULATUS* (Roxb.) Blume

Earache, 174 (25); swelling of throat and difficulty in breathing, 180 (38); pimples, 254 (156); constipation, 307 (222); cholera, 319 (244); *haemorrhagic septicemia*, 394 (1); *rinderpest*, 396 (3); also see *Arum campanulatum* Roxb.

AMPELOCISSUS LATIFOLIA (Roxb.) Planch. see *Vitis latifolia* Roxb.

A. TOMENTOSA (Heyne) Planch. see *Vitis tomentosa* Heyne.

24. *ANDROGRAPHIS PANICULATA* Nees

Spleen complaints, 196 (66) and 198 (68); colic, 238 (117) and 314 (239); strangulation of intestine 242 (124); constipation, 307 (222 and 223); stomachache, 310 (229); rumbling noise in stomach, 310 (232); diarrhoea, 315 (241); cholera, 320 (244); phthisis, 344 (252); consumption, 350 (253), bite of rabid jackal or dog, 375 (285).

25. *Andropogon muricatus* Retz. = *VETIVERIA ZIZANIOIDES* (L.) Nash. Sores in the mouth, 179 (35); intermittent fever, 185 (50); boils, 213 (84); epilepsy, 228 (101) and 232 (103); burns, 271 (182); snakebite, 385 (290); sting of scorpions, etc., 392 (302).

26. *ANGELICA GLAUCA* Edgew.

Ulcer of palate, 287 (196); infantile atro-

phy, 303 (208); dysentery, 333 (245); menorrhagia or flooding, 361 (266); *rinderpest*, 398 (3).

27. *ANNONA SQUAMOSA* L.

Cold, 138 (*); rheumatism, 222 (94); chancre and syphilis, 280 (192); carbuncle on back, 290 (198); puerperal fever, 367 (275).

28. *ANOGEISSUS LATIFOLIA* Wall.

Toothache, 176 (31); enlargement of spleen, 201 (70); cancer on face, 212 (82); carbuncle on back, 291 (198); dysuria, excessive perspiration, 295 (204); diarrhoea, 314 (241); cholera, 317 (244); cough and cold, 339 (247) and 341 (250); *rinderpest*, 398 (3).

29. *Anthocephalus cadamba* Miq. = *A. INDICUS* A. Rich.

Fever, 190 (61); anemia, 215 (86); pimples, 254 (156); sores, 260 (165), 265 (173); carbuncle on back, 289 (198); cholera, 316 (244); dysentery, 336 (245); *foot and mouth disease*, 395 (2); *rinderpest*, 397 (3); *larvae in cattle* sores, 400 (7).

A. INDICUS A. Rich. see *A. cadamba* Miq.

30. *ANTIDESMA DIANDRUM* Tulas.

Whitlow, 181 (40); sores, 182 (41); dropsy and anasarca, 205 (75); carbuncle, 214 (85); muscular pain, 217 (88); 'adenitis axillaris', 258 (161); gravel, 298 (206); dysentery, 329 (245); intercostal neuralgia, pleurisy, pneumonia, 352 (255); bite of rabid jackal or dog, rabies, 374 (285).

31. *ARECA CATECHU* L.

Rhagades, 182 (43); smallpox, 277 (191); venereal sores; syphilis, 280 (192); colic, 312 (237); cholera, 328 (244); dysentery, 329 (245).

32. *ARGYREIA SPECIOSA* Sweet.

Stomach complaints, 249 (142); sore on foot, 267 (176); smallpox, 277 (191); syphilis, 285 (195), diarrhoea, 315 (241); dysentery, 330 (245).

33. *ARISTOLOCHIA INDICA* L.

Fever, 186 (51); ascites, dropsy and anasarca, 205 (75), cancer, 212 (82); cholera, 318 (244); breast pain or suppuration, 372 (281), snakebite, 380 (290); bite of lizard, 387 (294).

34. *ARTOCARPUS INTEGRIFOLIA* L.f.

Toothache and caries, 175 (31); stomach complaints, 248 (142); sores, 252 (154); smallpox, 276 (191); carbuncle on back, 290 (198); sterility in women, 358 (261); postnatal complaints, 365 (272).

35. *A. LAKOOCHA* Roxb.

Complaints of the spleen, 195 (64); *bone fracture in cattle*, 402 (12).

36. *Arum campanulatum* Roxb. = *AMORPHOPHALUS CAMPANULATUS* (Roxb.) Blume ex Decne.

Pain, 194 (62); 'kala-azar' and enlarged spleen, 196 (66); intercostal neuralgia, pleurisy, pneumonia, 352 (255); puerperal fever, 366 (275); diarrhoea, 369 (276); also see *Amorphophalus*.

37. *Asclepias rosea* Roxb. = *OXYSTELMA ESCULENTUM* Br.

Enlarged spleen, 200 (68).

38. *ASPARAGUS RACEMOSUS* Willd.

Ulcerated tongue, 178 (33); pain in the limbs or bones, 184 (48); fever, 185 (51) and 187 (54); ardor of body, 188 (57); fever, 190 (61) and 194 (63); gravel, 298 (206); pleurisy, 351 (254); *rinderpest*, 399 (3).

ASTERACANTHA LONGIFOLIA Nees. see *Hygrophila spinosa* T. And.

39. *ATYLOSIA MOLLIS* Benth.

Dropsy and anasarca, 202 (75); pain in leg, 259 (163); pain and swelling during pregnancy, 363 (268); *rinderpest*, 397 (3).

40. *A. SCARABAEOIDES* Benth.

Pain in leg, 183 (45); night fever, 192 (61); dropsy and anasarca, 204 (75); anemia, 215 (86) and 223 (96); hemiplegia, 227 (100); pain in legs, 259 (163); burns, 271 (182) wound, 272 (183); smallpox, 277 (191); venereal sores and syphilis, 281 (192); sores, 288 (197); gonorrhoea and spermatorrhoea, 293 (200); gravel, 297 (206); cholera, 317 (244); dysentery, 336 (245); snakebite, 382 (290); *rinderpest*, 396 (3).

AZADIRACHTA INDICA A. Juss. See *Melia azadirachta* Linn.

41. *BAMBUSA TULDA* Roxb.

Tetanus, 241 (123).

42. *BARRINGTONIA ACUTANGULA* (L.) Gaertn.

Cholera, 326 (244).

43. *BASELLA ALBA* L.

Syphilitic ulcer in nose, 292 (199).

44. *Bassia latifolia* Roxb. = *MADHUCA INDICA* J. F. Gmel.

Inflammation of gums, 177 (32); fever, 185 (50), 190 (61); atrophy, emaciation or cachexy, 211 (81); strangulation of intestine, 242 (124); pimples, 255 (156); tubercular fistula, 270 (181); wounds, 272 (184); smallpox, 276 (191); dysuria, 295 (204); dubbubia, 305 (217); constipation, 307 (223); cholera, 319 (244); phthisis, 342 (252); consumption, cough and bronchitis, 347 (253); breast pain and suppuration, 373 (281); snakebite, 382 (290); blisters caused by lizard's urine, 387 (291); poison of scolopendrids, 392 (303); sting of wasps, bees, etc., 392 (304) and 393 (305); *rinderpest*, 397 (3).

45. *BAUHINIA PURPUREA* L.

Dropsy and anasarca, 203 (75); pain, 219 (90); rheumatism, 224 (96); thigh swelling, 225 (97); deer-epilepsy, 232 (105); convulsions, 237 (113); convulsions, delirium febris, 246 (136); 'tihurela mirgi bai', 252 (152); intoxication induced by *DATURA*, etc. 373 (282), 374 (283); blackness of lip or tongue, 374 (284); bite of tiger, crocodile, snake, lizard, frog, etc., etc. 378 (287, 288), 379 (289, 290), 388 (294, 295, 296, 297), 389 (300); sting of scorpion or certain fish, 390 (301) and 391 (302); *haemorrhagic septicaemia*, 394 (1); *rinderpest*, 397 (3); *intoxication*, 403 (13, 14); *stupefaction*, 403 (15).

46. *B. RETUSA* Roxb.

Cholera, 317 (244); snakebite, 380 (290); *rinderpest*, 398 (3).

47. *B. VAHLII* W. and A.

Cause or origin of disease and death, 16 (*); chronic stomach ache, 311 (234); cholera, 319 (244); dysentery, 329 (245); *rinderpest*, 399 (3).

48. *BIOPHYTUM SENSITIVUM* (L.) DC.

Convulsions, cramps, 234 (110); 'Jhapni bai', 245 (132); collapse, 250 (147); burning pain, 269 (180); burns, 271 (182).

49. *BLUMEA WIGHTIANA* DC.

'Kaudi-dian-bai', 246 (134).

BOERHAVIA DIFFUSA L. see *B. procumbens* Banks and *B. repens* L.

50. *B. procumbens* Banks = *B. DIFFUSA* L.

Epilepsy, 230 (101); pain in abdomen due to congestion of blood, 311 (236); prolapsus ani and fistula ani, 312 (238); dysentery, 337 (245); poison of scolopendrids, 392 (303).

51. *B. repens* L. = *B. DIFFUSA* L.

Otitis media suppurativa, 173 (23). See also *B. procumbens* Banks.

BOMBAX CEIBA L. see *B. malabaricum* DC.

52. *B. malabaricum* DC. = *B. CEIBA* L.

Smallpox, 138 (*); bleeding gums, 175 (30); toothache and caries, 176 (31); sores in mouth, 179 (35); pain in leg, 183 (45); fever, 186 (53) and 191 (61); enlarged spleen, 199 (68); atrophy, emaciation or cachexy, 211 (81); rheumatism, 225 (96); pimples, 254 (156); pain in legs and feet, 259 (163) and 267 (176); tubercular fistula, 270 (181); scabies, 275 (188); smallpox, 278 (191); syphilis, 282 (193); ulcer of palate, 287 (196); 'Paethania ghao', 289 (197); carbuncle on back, 290 (198); spermatorrhoea, 292 (200); haematuria, 296 (205); cholera, 319 (244); intercostal neuralgia, pleurisy, pneumonia, 352 (255); leprosy, 355 (258); menorrhagia or flooding, 362 (266); pain and swelling in body, 363 (268); snakebite, 385 (290); spiderlick, 389 (298); sting of scorpions, centipedes, spiders, etc., 391 (302); *rinderpest*, 398 (3).

53. *BONNAYA VERONICAEFOLIA* Spr.

Night-fever, 192 (61); convulsions, delirium febris, 246 (136); ringworm, 275 (189); smallpox, 278 (191); syphilis, 283 (193); dysuria, 295 (204); cholera, 318 (244); cough, 388 (247); puerperal fever, 368 (275); abdominal pain and thirst, 370 (277); snakebite, 380 (290); *anthrax*, 400 (4).

BORASSUS FLABELLIFER L. see *B. flabelliformis* Roxb.

54. *B. flabelliformis* Roxb. = *B. FLABELLIFER* L.

Heat stroke, 162 (5); headache, 163 (7); earache, 173 (25); epilepsy, 229 (101); pain convulsions, 242 (125); adenitis scro-

fulosa colli, 258 (160); sores, 260 (165); scabies, 260 (166); burns, 263 (171); sores, 265 (173) and 267 (176); syphilis, 285 (195); ulcer of palate, 288 (196); nausea and vomiting, 304 (214); menorrhagia, 362 (266); spiderlick, 389 (298); *haemorrhagic septicaemia*, 394 (1).

BORRERIA ARTICULARIS F. N. Will. see *Spermaceoce hispida* L.

55. *BOSWELLIA SERRATA* Roxb.

Epilepsy, 229 (101); snakebite, 385 (290); *rinderpest*, 396 (3).

56. *B. thurifera* Colebr?

Pleurisy, 351 (254).

57. *BRASSICA CAMPESTRIS* L.

Scabies, 275 (188); syphilis, 285 (195); cough, 338 (247); bronchitis, colds, chill, 340 (249); pneumonia, 354 (256); leprosy, 356 (258).

58. *BRIDELIA STIPULARIS* Bl.

Pleuritis, exudation, 355 (257).

59. *Bryonia laciniosa* L. = *BRYONOPSIS LACINIOSA* (L.) Naud.

Headache, 163 (7); ague, 184 (47); fever, 186 (52); enlarged spleen, 201 (70); paralysis of tongue, 236 (111); colic pain, 238 (117); 'gomgonis bai', 242 (126); delirium and convulsions, 247 (138); post-natal complaints, 249 (145); convulsions and foaming at mouth, 251 (148); sores, 256 (157); adenitis scrofulosa colli, 257 (160); sores, 268 (178); severe syphilis, 285 (195); sores and carbuncle, 290 (198); stomach swelling or tumor, 306 (221); constipation, 306 (222); colic pain, 312 (237); cholera, 327 (244); phthisis, bronchitis and asthma, 342 (252); consumption, dry cough and bronchitis, 348 (253); snakebite, 385 (290); also protecting crops from flies, 403 (16).

BRYONOPSIS LACINIOSA (L.) Naud. see *Bryonia laciniosa* L.

BUCHANANIA LANZAN Spr. see *B. latifolia* Roxb.

60. *B. latifolia* Roxb. = *B. LANZAN* Spr.

Inflammation of gums, 177 (32); fever, 190 (61); burns, 272 (182); dysuria, 295 (204); cholera, 319 (244); phthisis, bronchitis and asthma, 343 (252); consumption, dry cough and bronchitis, 350 (253); snake-

bite, 381 (290); sting of scorpion or certain fish, etc. 390 (301) and 391 (302).

61. *BUETTNERIA HERBACEA* Roxb.

Bone fracture, 184 (46); sores, 265 (173); cuts and wounds, 272 (184) and 273 (187); syphilis, 286 (195); gravel, 299 (206); cholera, 318 (244); dysentery, 336 (245); cough, 338 (247); menorrhagia or flooding, 361 (266); lactation complaints, 371 (278); tiger bite, 378 (288); *anthrax*, 399 (4).

62. *BURSERA SERRATA* Wall.

Cholera, 319 (244); *rinderpest*, 397 (3).

63. *Butea frondosa* Koen. ex Roxb. = *B. MONOSPERMA* (Lam.) Taub.

'Koca nargi', 262 (170); gravel, 298 (206); dysentery, 330 (245); menorrhagia or flooding, 362 (266); fever, 367 (275).

B. MONOSPERMA (Lam.) Taub. See *Butea frondosa* Koen. ex Roxb.

64. *B. SUPERBA* Roxb.

Night fever, 193 (61); dysuria, 295 (204); gravel, 298 (206).

65. *CAESULIA AXILLARIS* Roxb.

Baldness, 161 (2).

CAJANUS CAJAN (L.) Millsp. see *Cajanus indicus* Spr.

66. *C. indicus* Spr. = *C. CAJAN* (L.) Millsp.

Convulsions, 237 (113); colic, 238 (117); convulsions, 246 (136); leprosy, 356 (258).

67. *CALAMUS ROTANG* L.

Convulsions and cramps, 234 (110).

68. *CALLICARPA MACROPHYLLA* Vahl.

Dysentery, 334 (245).

69. *CALOTROPIS GIGANTEA* (L.) R. Br. ex Ait.

Smallpox, 144 (*); toothache, 176 (31); leg pains, 183 (45); chest pain, 189 (60); pain, 194 (62); ailments of spleen, 196 (66), 197 (67 and 68), 201 (70); dropsy and anasarca, 204 (75); boils, 213 (84); muscular pain, 217 (88); pain in the loins, 220 (93); rheumatism, 221 (94) and 223 (96); hemiplegia, 227 (100); epilepsy, 230 (101); 231 (102) and 232 (107); tongue paralysis, 236 (111) and 236 (112); tetanus, 241 (123); strangulation of the intestine, 241 (124); convulsions, 243 (127) and 252 (150); postnatal complaints, 244 (131); convulsions, delirium febris, 247 (136);

sores, 259 (163), 261 (167) and 264 (173); stings, 272 (185); scabies, 274 (188); ringworm, 275 (189); smallpox, 279 (191); syphilis, 281 (193); sores, 288 (197); sores and carbuncle, 290 (198); hydrocele, 300 (207); cholera, smallpox, 316 (243); and 317 (244); dysentery, 332 (245); neuralgia, pleurisy, pneumonia, 352 (255); protracted labour, 364 (270); bite of jackal or dog, and rabies, 375 (285); *haemorrhagic septicaemia*, 395 (1).

70. *CALOTROPIS PROCERA* R. Br.

Spleen complaints, 201 (70); rheumatism, 223 (94); hemiplegia, 227 (100); epilepsy, 230 (101); sores, 261 (167); stings, 272 (185); smallpox, 279 (191); 316 (245); protracted labour, 364 (270).

71. *CANAVALIA ENSIFORMIS* (L.) DC.

Pain, 194 (62).

72. *CANNABIS SATIVA* L.

Epilepsy, 229 (101) and 231 (103); convulsions, cramps, 236 (110); tongue paralysis, 235 (111); convulsions, 237 (113); tetanus, 241 (123); convulsions, delirium febris, 246 (136); sores, 264 (173); cough and colds, 341 (250) and (251).

73. *Capparis horrida* L.f. = *C. ZEYLANICA* L.

Pain, 194 (62); swelling, 202 (72); rheumatism, 221 (94) and 223 (96); hemiplegia, 227 (100); sores, 259 (163) and 288 (197); colic, 312 (237); cholera, 319 (244); neuralgia, pleurisy, pneumonia, 352 (255); pleuritis, 355 (257); breast pain, 372 (281); *dropsy*, 400 (8).

C. ZEYLANICA L. see *Capparis horrida* L.f.

74. *CAPSICUM FRUTESCENS* L.

Headache, 162 (6) and 164 (7); night blindness, 171 (21); pain, 218 (89); adenitis, 257 (159), sores, 261 (167); scald head, 269 (179); dysuria, 295 (204); bronchitis, colds or chill, 340 (249 and 250); poison of crocodile, 379 (289).

75. *CAREYA ARBOREA* Roxb.

Prolapsus ani and fistula ani, 312 (238); snake bite, 380 (290).

76. *CARISSA CARANDAS* L.

Dropsy and anasarca, 203 (75); madness, 208 (80); rheumatism, 221 (94) and 223

(96); hemiplegia, 227 (100); epilepsy, 229 (101); 231 (103) and 233 (107); convulsions, 244 (129) and 247 (136); post-natal complaints, 244 (131) and 250 (145); collapse, 251 (147); convulsions, 251 (149); sores, 259 (163) and 288 (197); bite of rabid jackal or dog, 375 (285).

77. *Carum ajowan* DC. (probably refers to *C. COPTICUM* Bth.).

Atrophy, emaciation or cachexy, 211 (81); epilepsy, 231 (103); venereal sores; syphilis, 280 (192); constipation, 305 (219) and 307 (223); prolapsus ani and fistula ani, 313 (238); diarrhoea, 315 (241); cholera, 322 (244); cough and colds, 341 (250); consumption, dry cough and bronchitis, 349 (253); fever, 367 (275).

78. *C. CARVI* L.

Venereal sores, syphilis, 280 (192); constipation, 305 (219); prolapsus ani and fistula ani, 313 (238); cholera, 327 (244).

C. COPTICUM Benth. see *C. ajowan* DC.

79. *CASEARIA TOMENTOSA* Roxb.

Fever, 191 (61); spleen complaints, 195 (65) and 198 (68); scabies, 260 (166); ringworm, 275 (187); sores, 291 (198); colic, 312 (237); neuralgia, pleurisy and pneumonia, 353 (255); diarrhoea, 369 (276); breast pain, 372 (281); bite of a rabid jackal or dog, 375 (285); snakebite, 383 (290).

80. *CASSIA FISTULA* L.

Cancer, 212 (82); epilepsy, 229 (101); convulsions and delirium febris, 237 (116) and 240 (121); pimples, 254 (156); burns, 271 (182); syphilis, 286 (195); dysuria, 295 (204); haematuria, 296 (205); gravel, 298 (206); diarrhoea, 304 (212).

81. *C. TORA* L.

Epilepsy, 233 (107); scabies, 260 (166); sores, 290 (198); snakebite, 385 (290).

82. *CASSYTHA FILIFORMIS* L.

Dropsy, anasarca, 206 (75).

83. *CELASTRUS PANICULATUS* Willd.

Sores, 178 (35); anemia, 215 (86); colic, 238 (117); sores, 266 (175); syphilis, 286 (195); sores or carbuncle, 291 (198).

84. *Centipeda orbicularis* Lour. = *C. MINIMA* (L.) A. Br. et Aschers.

Epilepsy, 229 (101); epididymitis or hydrocele, 300 (207).

C. MINIMA (L.) A. Br. et Aschers. see *Centipeda orbicularis* Lour.

CENTRATHERUM ANTHELMINTICUM (Willd.) Kuntze see *Veronia anthelmintica* Willd.

85. *Cephalandra indica* Naud. = *Coccinia cordifolia* Cogn.

Slow pulse, 207 (78); convulsions, 248 (139); scrofulosa colli, 257 (160); sores, 268 (178); syphilis, 285 (195); gravel, 298 (206); menorrhagia or flooding, 361 (266).

86. *CICER ARIETINUM* L.

Dysentery, 332 (245).

CINNAMOMUM TAMALA Nees & Eberm. see *Laurus cassia* Roxb.

C. ZEYLANICUM Blume see *L. cinnamomum* Willd.

87. *CISSAMPELOS PEREIRA* L.

Fever, 185 (50), 190 (61); carbuncle, 215 (85); epilepsy, 228 (101); colic, 238 (117); mad convulsions, delirium febris, 247 (136); 'Ros bai', 249 (144); haematuria, 296 (205); gravel, 297 (206); stomach-ache, 309 (229) and 310 (232); colic, 312 (237) and 313 (239); diarrhoea, 314 (240); cholera, 317 (244); dysentery, 332 (245); bronchitis, colds or chill, 340 (249); bite of rabid dog or jackal, 377 (285).

CISSUS ADNATA Roxb. see *Vitis adnata* Wall.

88. *C. QUADRANGULARIS* L.

Bone fracture, 184 (46); stab wounds, 272 (184); bone fracture, 402 (12).

89. *Citrus acida* Roxb. = *C. medica* L. var. *acida* Hk.f.

Syphilis, 282 (193).

90. *C. AURANTIUM* L.

Enlarged spleen, 197 (66); stomach-ache, 311 (235); menorrhagia or flooding, 360 (266).

91. *C. MEDICA* L.

Colic, 238 (117); vomiting, 303 (210); see also *C. acida* Roxb.

CLEOME ICOSANDRA L. see *C. viscosa* L.

92. *C. viscosa* L. = *C. icosandra* L.

Headache, 164 (7).

93. *CLERODENDRUM INFORTUNATUM* L.

Convulsions, cramps, 235 (110); sores, 253 (155); ulcer, 287 (196); gravel, 297 (206).

94. *C. PHLOMOIDIS* L.f.

Fever, 192 (61); post-natal complaints, 250 (145); dyspepsia, 306 (220); stomach-ache, 310 (229 and 232); colic, 314 (239); cholera, 320 (244); dysentery, 329 (245); *anthrax*, 399 (4).

95. *C. SERRATUM* (L.) Moon.

Fever, 186 (51), 190 (61); dropsy and anasarca, 204 (75); rheumatism, 221 (94) and 223 (96); hemiplegia, 227 (100); sores, 259 (163) and 288 (197); prolapsus ani, fistula ani, 313 (238); cholera, 319 (244); protracted labour, 365 (270); snake-bite, 382 (290); *rinderpest*, 398 (3).

96. *C. SIPHONANTHUS* R. Br.

Fever, 194 (63); atrophy, emaciation or cachexy, 210 (81); gravel, 297 (206); thirst, 309 (227 and 228); cholera, 322 (244); consumption, dry cough and bronchitis, 349 (253); puerperal fever, 367 (275); *gravel*, 400 (6); *blindness*, 401 (10).

COCCINIA CORDIFOLIA Cogn. see *Cephalandra indica* Naud.

97. *Cochlospermum gossypium* DC. = *C. religiosum* (L.) Alston.

Sores, 266 (175); tubercular fistula, 270 (181).

C. RELIGIOSUM (L.) Alston see *C. gossypium* DC.

98. *COIX LACHRYMA-JOBI* L.

Fever, 194 (63); smallpox, 279 (191); thirst, 309 (227); dysentery, 333 (245); puerperal fever, 368 (275); diarrhoea, 369 (276); *anthrax*, 399 (4).

99. *Colocasia antiquorum* Schott. = *C. esculenta* (L.) Schott.

Atrophy, emaciation or cachexy, 210 (81); wounds, 273 (186); consumption, dry cough and bronchitis, 350 (253); *anthrax*, 399 (4).

C. ESCULENTA (L.) Schott. see *C. antiquorum* Schott.

100. *COMBRETUM DECANDRUM* Roxb.

Burns, 271 (182).

101. *C. NANUM* Buch.-Ham. ex D. Don.

Enlarged spleen, 196 (66), stomach com-

- plaints, 310 (232); colic, 314 (239); cholera, 321 (244); dysentery, 336 (245).
102. *COMMELINA BENGALENSIS* L.
'Otitis media suppurativa', 172 (23); sores, 253 (155); snakebite, 383 (290).
103. *C. SUFFRUTICOSA* Bl.
Menorrhagia or flooding, 361 (266).
CORDIA DICHOTOMA Forst f. see *C. myxa* L.
104. *C. MACLEODII* Hk. f. & Th.
Gravel, 299 (206); dysentery, 330 (245).
105. *C. myxa* L. = *C. DICHOTOMA* Forst. f.
Fever, 187 (55); dropsy, anasarca, 204 (75); urticaria and dyspepsia, 306 (220); cholera, 321 (244); dysentery, 334 (245).
106. *CORIANDRUM SATIVA* L.
Spleen complaints, 195 (65); sores, 266 (175) and 267 (176); venereal sores, syphilis, 280 (192).
107. *COSTUS SPECIOSA* (Koen.) Sm.
Fever, 187 (55); ardor, 188 (57); fever, 194 (63); dropsy, anasarca, 205 (75); gravel, 297 (206); cholera, 318 (244); phthisis, bronchitis, asthma, 343 (252) and 346 (253); puerperal fever, 369 (275); bite of rabid jackal or dog, 374 (285); snakebite, 381 (290).
108. *Cotyledon laciniata* Roxb. = *KALANCHOE LACINIATA* DC.
Fever, 186 (51), 187 (54) and 187 (55); diarrhoea, 304 (212); urticaria and dyspepsia, 306 (220); phthisis, bronchitis and asthma, 344 (252).
CRATAEVA NURVALA Buch.-Ham. see *C. religiosa* Hk.f. & Th.
109. *C. religiosa* Hk.f. & Th. = *C. NURVALA* Buch.-Ham.
Baldness, 161 (2); sores, 266 (174) and 270 (180); epididymitis or hydrocele, 301 (207).
CRINUM LATIFOLIUM L. see *C. zeylanicum* L.
110. *C. zeylanicum* L. = *C. LATIFOLIUM* L.
Tubercular fistula, 270 (181).
111. *CROTALARIA CALYCINA* Shrank.
Pain, 217 (88); convulsions, 245 (133); wounds, 273 (187); venereal sores, syphilis, 280 (192); carbuncle, 290 (198); haematuria, 296 (205); cholera, 322 (244); dysentery, 333 (235); spider-lick, 389 (298).
112. *CROTON OBLONGIFOLIUS* Roxb.
Headache, 162 (6); fever, 186 (51); 188 (55) and 192 (61); spleen trouble, 197 (67) and 199 (68); madness, 208 (80); 'Jhonji bat', 225 (98); epilepsy, 228 (101); convulsions, 236 (112); icterus, 243 (128); scabies, 274 (188); venereal sores, syphilis, 281 (192) and 285 (195); ulcer, 287 (196) and 288 (197); epididymitis or hydrocele, 300 (207); foul breath, 304 (213); constipation, 307 (223); pain, 311 (236); diarrhoea, 314 (240); stomach trouble, 316 (242); cholera, 317 (244); dysentery, 334 (245); neuralgia, pleurisy, pneumonia, 353 (255); bite of jackal or dog, or rabies, 375 (285); poison of crocodile, 379 (289); snakebite, 380 (290).
113. *CRYPTOLEPIS BUCHANANI* R. & S.
Sores, 178 (35); ascites, dropsy and anasarca, 203 (75); cholera, 321 (244); dysentery, 333 (245); body pain, 363 (268); snakebite, 382 (290).
114. *CUBEBA OFFICINALIS* Miq.
Prolapsus ani, fistula ani, 312 (238); cholera, 325 (244); phthisis, bronchitis and asthma, 342 (252) and 346 (253); fever, 367 (275).
115. *CUCUMIS SATIVUS* L.
Headache, 163 (7).
116. *Cucurbita lagenaria* Willd. = *LAGENARIA VULGARIS* Seringe.
Spleen trouble, 201 (70); dropsy and anasarca, 205 (75); anaemia, 215 (86); tetanus and convulsions, 241 (123), 242 (125) and 246 (136); adenitis scrofulosa colli, 257 (160); sores, 268 (178); burns, 272 (182); wounds, 272 (183); consumption, dry cough, bronchitis, 348 (253); snakebite, 385 (290).
117. *C. MOSCHATA* Duchesne.
Headache, 162 (6); phthisis, bronchitis and asthma, 343 (252).
118. *CURCUMA ANGUSTIFOLIA* Roxb.
Subnormal temperature, 184 (49); fever, 186 (51); gravel, 297 (206); diarrhoea, 369 (276).
C. DOMESTICA Valetton see *C. longa* L.

119. *C. longa* L. = *C. DOMESTICA* Valetou.
Hazy vision, 166 (11); eye inflammation, 167 (12); blindness, 170 (21); sores, 180 (36); 'Rhagades', 182 (43); subnormal temperature, 184 (49); spleen consumption, 200 (69); pain, 219 (90); rheumatism, 222 (94), 224 (96) and 226 (99); lockjaw, 233 (108); icterus, 243 (128); 'ros bai', indistinct speech, 249 (144); scabies, 261 (166); syphilis, 284 (193); sores and carbuncle, 288 (197), and 290 (198); atrophy, 301 (208); indigestion, 305 (218); urticaria and dyspepsia, 306 (220); prolapsus ani and fistula ani, 313 (238); cholera, 322 (244); cough, 338 (247); bronchitis, colds, chill, 340 (249 and 250); puerperal fever, 367 (275); slow lactation, 371 (278); *anthrax*, 400 (4).
120. *CUSCUTA CHINENSIS* Lam.
Dropsy, anasarca, 205 (75); cancer, 211 (82), troubles during pregnancy, 363 (268); *rinderpest*, 396 (3); *dropsy*, 401 (8); *bone fracture*, 402 (12).
121. *CYNODON DACTYLON* (L.) Pers.
Headache, 162 (6) and 163 (7); convulsions, cramps, 235 (110); arm and leg troubles, 248 (148); sores, carbuncle, 290 (198); wounds, 378 (286); snakebite, 382 (290).
122. *CYPERUS TEGETUM* Roxb.
Atrophy, emaciation, cachexy, 210 (81); snakebite, 385 (290).
123. *DALBERGIA LATIFOLIA* Roxb.
Stomachache, 311 (234); dysentery, 336 (245).
124. *Datura alba* Nees = *D. METEL* L.
Headache, 162 (6); otitis media suppurativa, 172 (23); sores, 179 (35); mumps, 181 (39); pain, 189 (60); dropsy, anasarca, 202 (75); madness, 208 (80); pain, 219 (90); rheumatism, 222 (94) and 224 (96); rigid thigh muscles, 225 (97); 'jhonji bat', 225 (98); 'jhunka bat', 226 (99); hemiplegia, 227 (100); epilepsy, 228 (101), 231 (103) and 232 (105); convulsions, cramps, 235 (110) and 237 (113); convulsions, delirium febris, 246 (136); 'ti hurla mirgi bai', 252 (152); pimples, 245 (156); sores, 264 (173); smallpox, 277 (191); venereal sores, syphilis, 280 (192); orchitis, epididymitis, hydrocele, 300 (207); intoxication, 374 (284).
D. fastuosa L. see *D. alba* Nees.
D. METEL L. see *D. alba* Nees.
125. *DESMODIUM CEPHALOTES* Wall.
Cataract, 168 (15); stomach pain, 249 (142); diarrhoea, 315 (241); *blindness*, 401 (10).
126. *D. GANGETICUM* DC.
Hazy vision, 166 (11); dysentery, 333 (245).
127. *D. TRIFLORUM* DC.
Diseases of eyes and blindness, 165 (10), 167 (12), 170 (19) and 171 (21); sores, 179 (35); whitlow, 181 (40); spleen complaints, 200 (68); pain, 269 (180); stomach trouble, 310 (231); colic, 314 (239); diarrhoea, 314 (241); menorrhagia or flooding, 361 (266); breast pain, 372 (281).
128. *DILLENIA INDICA* L.
Chest trouble, 188 (58); sores of mercury poisoning, 266 (175); sores and carbuncle, 290 (198); cholera, 319 (244).
129. *D. PENTAGYNA* Roxb.
Sores, 266 (175); tubercular (?) fistula, 270 (181); sores and carbuncle, 290 (198); neuralgia, pleurisy, pneumonia, 353 (255).
130. *D. SCABRELLA* Roxb.
Sores, 253 (155).
131. *DIOSCOREA CRISPATA* Roxb.
Madness, 209 (80); dysentery, 330 (245).
132. *D. daemona* Roxb. = *D. HISPIDA* Dennst.
Whitlow, 181 (40); sores, 182 (41); boils, 213 (84); bite of rabid jackal or dog, 375 (285).
D. HISPIDA Dennst. see *D. daemona* Roxb.
133. *D. OPPOSITIFOLIA* L.
Sores, 180 (36) and 256 (158); orchitis, epididymitis or hydrocele, 301 (207); dysentery, 330 (245).
134. *D. PENTAPHYLLA* L.
Dropsy and anasarca, 206 (75).
135. *Diospyros embryopteris* Pers. = *D. PEREGRINA* Gurke.
Gravel, 299 (206); cholera, 319 (244);

dysentery, 331 (245); menorrhagia or flooding, 360 (266); *rinderpest*, 398 (3).

136. *D. MONTANA* Roxb.

Fever, 187 (55); dysuria, 295 (204); gravel, 299 (206); neuralgia, pleurisy, pneumonia, 352 (255) and 355 (257); menorrhagia and flooding, 362 (266); puerperal fever, 366 (275); diarrhoea, 369 (276); poison of spider bite, 389 (299).

D. PEREGRINA Gurke see *D. embryopteris* Pers.

137. *D. TOMENTOSA* Roxb.

Bleeding of gums 175 (30); fever, 185 (51) and 193 (61); atrophy, emaciation or cachexy, 211 (81); tumours, 213 (83); cramps, 233 (109); sores, 253 (155); 'Jan uri', 260 (164); 'nargi ghao', 262 (169); sores, 264 (172); tubercular (?) fistula, 270 (181); syphilis, 286 (195); sores, carbuncle, 290 (198); dysuria, 295 (204); gravel, 298 (206); stomach trouble, 310 (232); 'kha-khamilac haso', 311 (233); prolapsus ani, fistula ani, 313 (238); colic, 314 (239); diarrhoea, 314 (241); cholera, 317 (244); dysentery, 334 (245); blood and mucus in bowel excretion, 337 (246); consumption, dry cough and bronchitis, 351 (253); neuralgia, pleurisy, pneumonia, 352 (255); *rinderpest*, 398 (3).

DIPTERACANTHUS SUFFRUTICOSA Voigt. see *Ruellia suffruticosa* Roxb.

138. *DOLICHOS BIFLORUS* L.

Tumours, 213 (83), adenitis, 257 (159) and 258 (161); sores, 266 (173); burns, 271 (182); measles, 276 (190); smallpox, 278 (191); dysuria, 295 (204); prolapsus ani, fistula ani, 313 (238); dysentery, 332 (245); neuralgia, pleurisy, pneumonia, 352 (255); leprosy, 356 (258); *rinderpest*, 397 (3).

139. *D. LABLAB* L.

Blindness, 171 (21); earache, 174 (25); swelling of throat, 180 (38); enlargement of spleen, 201 (70); epilepsy, 230 (101), 231 (102) and 233 (107); smallpox, 278 (191); retention of urine, 294 (202); haematuria, 296 (205); *haemorrhagic septicaemia*, 395 (1).

140. *Dregea volubilis* Benth. ex Hk.f. = *WATTAKAKA VOLUBILIS* (L.) Stapf.

Dropsy and anasarca, 203 (75); sores,

288 (197); failure of lactation, 371 (278); bite of rabid jackal, 377 (285); snakebite, 381 (290).

ECHINOCHLOA CRUSGALLI (L.) Beauv. see *Panicum crus-galli* L.

141. *EHRETIA LAEVIS* Roxb.

Syphilis, 285 (195).

ELAEODENDRON GLAUCUM Pers. see *E. roxburghii* W. & A.

142. *E. ROXBURGHII* W. & A. = *E. glaucum* Pers.

Epilepsy, 229 (101); pimples, 255 (156); cholera, 317 (244); consumption, dry cough, bronchitis, 347 (253); diarrhoea, 369 (276); snakebite, 381 (290).

ELETTARIA CARDAMOMUM (L.) Maton see *Alpinia cardamomum* Roxb.

143. *ELEUSINE CORACANA* (L.) Gaertn.

Measles, 275 (190); smallpox, 276 (191); pleurisy, pneumonia, 353 (255), 354 (256).

144. *Embelia robusta* Clarke = *E. TSJERIAM-COTTAM* A. DC.

Weak pulse, 207 (78); ulcer, 288 (196); sores, carbuncle, 289 (198); gravel, 297 (206); cholera, 320 (244); neuralgia, pleurisy, pneumonia, 352 (255); complaints during pregnancy, 362 (267); diarrhoea, 369 (276).

E. TSJERIAM-COTTAM A. DC. see *E. robusta* Clarke (non Roxb.)

EMBLICA OFFICINALIS Gaertn. see *Phyllanthus emblica* L.

145. *EMILIA SONCHIFOLIA* DC.

'Otitis media suppurativa', 172 (23).

146. *ENHYDRA FLUCTUANS* Lour. or *LIMNOPHILA CONFERTA* Benth.

Ascites, dropsy and anasarca, 204 (75); 'Phoka nargi ghao', 263 (171); snakebite, 380 (290).

ENTADA PHASEOLOIDES Merrill see *E. scandens* Benth.

147. *E. scandens* Benth. = *E. PHASEOLOIDES* Merrill.

Dropsy, anasarca, 205 (75); cancer, 212 (82); pain in loins, 220 (92); epilepsy, 230 (101); constipation, 307 (222); *rinderpest*, 396 (3).

148. *ERIOSEMA CHINENSIS* Voq.

Sores, 178 (35); syphilitic ulcer, 292 (199).

149. *Ercum lens* L. = LENS CULINARIS Medic.
Dysentery, 332 (245); leprosy, 356 (258).
150. *Erythrina indica* Lam. = E. VARIEGATA L. var. ORIENTALIS (L.) Merr.
Paralysis, 236 (111); convulsions, 236 (112) and 243 (127); pimples, 253 (156); menorrhagia or flooding, 360 (266); snake-bite, 380 (290).
E. VARIEGATA L. see *E. indica* Lam.
151. *Eugenia jambolana* Lam. = SYZYGIUM CUMINI (L.) Skeels.
Cancer, 212 (82); anaemia, 215 (86); colic, 312 (237); diarrhoea, 314 (240) and 315 (241); dysentery, 334 (245).
152. *E. operculata* Roxb. = SYZYGIUM OPERCULATUM Gamble.
Inflammation of gums, 177 (32); dropsy and anasarca, 205 (75); rheumatism, 221 (94) and 223 (96); hemiplegia, 227 (100); sores, 288 (197); sores, carbuncle on back, 291 (198); neuralgia, pleurisy, pneumonia, 352 (255); gravel, 400 (6).
153. EUPHORBIA ANTIQUORUM L.
Deafness, 172 (22); whitlow, 181 (40); dropsy, anasarca, 204 (75); sores, 265 (173); venereal sores, syphilis, 280 (192) and 281 (193); indigestion, 305 (218); dysentery, 334 (245); phthisis, bronchitis and asthma, 344 (252); breast pain, 372 (281).
154. E. GRANULATA Forsk.
Phthisis, bronchitis, asthma, 343 (252).
E. HIRTA L. see *E. pilulifera* L.
155. *E. ligularia* Roxb. = E. NERIIFOLIA L.
Sores, 265 (173).
E. NERIIFOLIA L. see *E. ligularia* Roxb.
156. *E. pilulifera* L. = E. HIRTA L.
Post-natal complaints, 250 (145); dysentery, 329 (245); failure of lactation, 370 (278); breast pain, 372 (281); bone fracture in cattle, 402 (12).
157. E. THYMIFOLIA L.
Ophthalmia and other eye troubles, 165 (10) and 170 (20); ardor, 188 (57); sores, 253 (155); atrophy, 302 (208); dysentery, 333 (245); breast pain, 373 (281).
158. *Feronia elephantum* Correa = F. LIMONIA (L.) Swingle.
Phthisis, bronchitis, asthma, 345 (252); rinderpest, 398 (3).
F. LIMONIA (L.) Swingle see *F. elephantum* Correa.
159. FERULA ASAFOETIDA Willd.
Diseases of spleen, 195 (65), 196 (66) and 198 (68); madness, 209 (80); pain, 219 (90); hemiplegia, 227 (100); epilepsy, 228 (101); convulsions, cramps, 234 (110); colic, 238 (117); rinderpest, 397 (3).
160. FICUS BENGALENSIS L.
Ophthalmia and other eye troubles, 164 (10); 167 (12), 169 (17) and 170 (20); mouth sores, 179 (35); fever, 187 (54); madness, 209 (80); atrophy, emaciation or cachexy, 210 (81); scabies, 274 (188); diarrhoea, 315 (241); cholera, 312 (244); dysentery, 333 (245); rinderpest, 398 (3).
161. *F. glomerata* Roxb. = F. RACEMOSA L.
Smallpox, 138 (*) and 278 (191); boils, 213 (84); muscular pain, 217 (88); adenitis, 256 (159) and 258 (161); scabies, 274 (188); spermatorrhoea, 293 (200); orchitis epididymitis, hydrocele, 301 (207); menorrhagia or flooding, 360 (266); failure of lactation, 371 (278).
162. *F. infectoria* Roxb. = F. LUCESCENS Bl.
Sores, 179 (35); rinderpest, 398 (3).
F. LUCESCENS Bl. see *F. infectoria* Roxb.
F. RACEMOSA L. see *F. glomerata* Roxb.
163. F. RELIGIOSA L.
'Otitis media suppurativa', 172 (23); mouth sores, 179 (35); fever, 190 (61); atrophy, emaciation or cachexy, 210 (81); rheumatism, 223 (96); pimples, 254 (156); smallpox, 277 (191); sores, carbuncle on back, 289 (198); gonorrhoea and spermatorrhoea, 293 (200); mucus in urine, 293 (201); gravel, 297 (206); constipation, 307 (222); urinary and bowel complaints, 309 (226); cholera, 317 (244); dysentery, 336 (245); rinderpest, 397 (3).
164. FIMBRISTYLIS MONOSTACHYA Hassk.
'Jaro rua', 188 (56); pain in stomach, 241 (124); adenitis, scrofulosa colli, 258 (160); 'Phoka nargi ghao', 263 (171); sores, 264 (172), 265 (173) and 267 (176); syphilis, 285 (195); sores, carbuncle on back, 289 (198); gravel, 297 (206); indigestion, 305 (218); cholera, 318 (244); dysentery, 329 (245); cough, 338 (247); phthisis, bron-

chitis and asthma, 343 (252); sterility in women, 357 (261).

F. SCHOENOIDES Vahl see *Scirpus monostachyus* Koen.

FIRMIANA COLORATA Br. see *Sterculia colorata* Roxb.

FLACOURTIA INDICA Merr. see *F. ramontchi* L'Herit.

165. *F. ramontchi* L'Herit. = *F. INDICA* Merr.

Burning sensation in chest, 189 (58); fever, 192 (61); carbuncle, 214 (85); stab wounds, 273 (187); sores, 291 (198); cholera, 322 (244); *hoof and mouth disease*, 396 (2).

166. *Flemingia congesta* Roxb. = *Moc-HANIA MACROPHYLLA* Kuntze.

'Kala-azar' or spleen complaints, 196 (66) and 199 (68); smallpox, 278 (191); prolapsus ani, fistula ani, 313 (238); cholera, 318 (244); dysentery, 332 (245); *blindness*, 401 (10).

167. *GARDENIA LATIFOLIA* Roxb.

Snakebite, 381 (290).

168. *GARDENIA TURGIDA* Roxb.

Fever, 186 (51); epilepsy, 229 (101); and 233 (107); weakness after childbirth, 245 (131); pimples, 254 (156); tubercular fistula, 270 (181); ringworm, 275 (189); haematuria, 296 (205); cholera, smallpox, 316 (243) and 322 (244); dysentery, 329 (245); neuralgia, pleurisy, pneumonia, 352 (255); bite of jackal or dog, 376 (285); snakebite, 383 (290); poison of scorpion or certain fish, 390 (301); *cattle disease*, 316 (243).

169. *Gentiana chirayita* Roxb. = *SWERTIA CHIRATA* Ham. ex Wall.

Atrophy, emaciation or cachexy, 210 (81); gonorrhoea, 284 (194); gravel, 297 (206); phthisis, bronchitis and asthma, 342 (252); consumption, dry cough and bronchitis, 346 (253); puerperal fever, 368 (275).

GLOCHIDION LANCEOLARIUM Dalz. see *Phyllanthus lanceolarius* Muell.-Arg.

170. *GLORIOSA SUPERBA* L.

Spleen complaints, 195 (64); tumours, 213 (83); erysipelas, 259 (162); scabies, 261 (166); sores, 264 (173) and 267 (176); syphilis, 285 (195); protracted labour, 365 (270).

171. *GLOSSOGYNE PINNATIFIDA* DC.

Spleen complaints, 195 (65) and 197 (68); syphilis, 286 (195); cholera, 327 (244); dysentery, 329 (245); cough, 338 (247); male impotency, 356 (260); failure of lactation, 371 (278); bite of rabid jackal or dog, 376 (285).

172. *GMELINA ARBOREA* Roxb.

Swelling of throat and choking, 180 (38); fever, 189 (61); dropsy and anasarca, 203 (75); spleen trouble, 207 (76); pain, 219 (90); rheumatism, 224 (96); rigid thigh, 225 (97); 'jhangibat', 226 (98); 'jhunka bat', 226 (99); epilepsy, 232 (105); convulsions, 237 (113); colic, 238 (117); mad convulsions, delirium, 246 (136); 'Tihurla mirgibai', 252 (152); smallpox, 277 (191); syphilis, 282 (193); sores, 288 (197); urticaria, dyspepsia, 306 (220); cholera, 324 (244); phthisis, bronchitis and asthma, 344 (252); diarrhoea, 369 (276); intoxication, 373 (282), and 374 (283); blackness of lip and tongue, 374 (284); bite of rat, tiger, crocodile, snake, lizard, etc. 378 (287), 378 (288), 379 (289), 379 (290), 388 (294, 295, 296), 389 (300), 390 (301) and 391 (302); *haemorrhagic septicaemia*, 394 (1); *rinderpest*, 397 (3); *anthrax*, 399 (4); *gravel*, 400 (6); *intoxication*, 403 (13, 14 and 15).

173. *GOSSYPIUM ARBORETUM* L.

Earache, 174 (25); madness, 209 (80); convulsions, 251 (149); labour complaints, 366 (273).

174. *G. HERBACEUM* Willd.

'Dora ghao', 256 (157).

175. *GREWIA POLYGAMA* Roxb.

Headache, 163 (7); eye complaints, 170 (19); sores, 265 (173); sores and carbuncle on back, 291 (198); cholera, 318 (244); dysentery, 329 (245); tiger bite, 378 (288).

176. *G. SAPIDA* Roxb.

Ulcerated tongue, 178 (33); colic, 239 (117); wounds, 273 (187); sores, carbuncle on back, 291 (198); cholera, 318 (244); dysentery, 329 (245); tiger bite, 378 (288).

177. *G. VILLOSA* Willd.

Sores, 265 (173); wounds, 273 (187); sores, carbuncle on back, 290 (198); cholera, 318 (244); dysentery, 329 (245); tiger bite, 378 (288); *rinderpest*, 396 (3).

178. *Grislea tomentosa* Willd. = WOODFORDIA FRUTICOSA KURZ.

Earache, 173 (25); colic, 238 (117); sting of scorpion, etc., 390 (301) and 391 (302).

179. GYMNEMA HIRSUTUM W. & A.

Fever, 184 (50); dropsy, anasarca, 203 (75); colic, 239 (117); sores, 259 (163) and 263 (171); chancre and syphilis, 280 (192), 281 (193) and 285 (195); sores, 288 (197); dysuria, 294 (203); orchitis, epididymitis or hydrocele, 300 (207); infant atrophy, 310 (208); constipation, 306 (222); stomach complaints, 316 (242); dysentery, 329 (245); consumption, dry cough and bronchitis, 344 (252) and 349 (253); neuralgia, pleurisy, pneumonia, 352 (255); male impotency, 356 (260); poor lactation, 371 (278) and (279); spider-lick, 389 (298).

GYNANDROPSIS GYNANDRA (L.) Briq. see *G. pentaphylla* DC.

180. *Gynandropsis pentaphylla* DC. = G. GYNANDRA (L.) Briq.

Eye complaints, 170 (19); wounds, 273 (187).

181. HELIANTHUS ANNUUS L.

Inflammation of eyes, 167 (12); blindness, 169 (17); bleeding of nose, 175 (29); whitlow, 181 (40); sores, 182 (41); fever, 185 (50); spleen complaints, 200 (68); pain, 217 (88); post-natal complaints, 249 (145); stab wound, 273 (187); sores, carbuncle on back, 289 (198); dysuria, 295 (204); colic, 312 (237); watery diarrhoea, 316 (241); dysentery, 329 (245); menorrhagia, 359 (266); bite of tiger, 378 (288); snakebite, 381 (290); bite of lizard, 387 (292); sting of scorpion, etc., 390 (301); hoof and mouth disease, 396 (2); bone fracture, 401 (12).

182. HELICTERES ISORA L.

Colic, 138 (*) and 238 (117); sores, 265 (173); sores, and carbuncle on back, 291 (198); stomachache, 310 (229); 'Khakharni lac Haso', 311 (233); colic, 313 (239); cholera, 321 (244); dysentery, 330 (245).

183. HELIOTROPIUM INDICUM Willd.

Inflammation of eye, 167 (12).

184. HETEROPOGON CONTORTUS (L.) Beauv. ex R. and S.

Toothache, 176 (31); fever, 187 (54); atrophy, emaciation or cachexy, 210 (81); muscular pain, 218 (89); haematuria, 296 (205); dysentery, 334 (245); bite of rabid dog or jackal, 376 (285); sting of scorpion, 390 (301).

185. HIBISCUS CANCELLATUS Roxb.

Gravel, 298 (206); dysentery, 333 (245).

186. H. CANNABINUS Willd.

Puerperal fever, 367 (275).

187. H. ROSA-SINENSIS L.

Urinary complaints, 294 (201); consumption, dry cough, bronchitis, 349 (253); menorrhagia, 359 (266).

188. HIPPOCRATEA ARBOREA Roxb.

Sores, 266 (175).

189. HOLARRHENA ANTIDYSENTERICA Wall.

Fever, 185 (51); spleen complaints, 196 (66), 197 (67) and 199 (68); anemia, 215 (86); epilepsy, 229 (101); colic, 238 (117); labour complaints, 244 (131); spermatorrhoea, 292 (200); haematuria, 296 (205); gravel, 297 (206); constipation, 308 (223); stomachache, 309 (229); colic, 313 (239); diarrhoea, 314 (240) and 315 (241); cholera, 317 (244); dysentery, 334 (245); blood and mucus in bowel excretion, 337 (246); bronchitis, colds, 339 (249); consumption, dry cough, 350 (253); menorrhagia, 360 (266); bite of jackal or dog, 375 (285); chameleon's bite, 388 (296).

190. HORDEUM VULGARE L.

Cholera, 321 (244).

191. *Hygrophila spinosa* T. Anders. = ASTERACANTHA LONGIFOLIA Nees.

Cancer, 212 (82); tubercular fistula, 270 (181).

192. HYMENODICTYON EXCELSUM Wall.

Burning sensation in chest, 188 (58); emaciation, 207 (77); carbuncle, 214 (85); sores, 266 (175); 269 (178); smallpox, 277 (191); atrophy, 302 (208); cholera, 326 (244); lactation complaints, 372 (279).

193. ICHNOCARPUS FRUTESCENS R. Br.

Night blindness, 170 (21); bleeding of gums, 175 (30); ulcerated tongue, 178 (33); sores, 178 (35); fever, 184 (50), 186 (51), 188 (55), 189 (61); ardor, 188 (57); en-

largement of spleen, 201 (70); atrophy, emaciation or cachexy, 210 (81); convulsions, cramps, 235 (110); convulsions, delirium, 237 (116); icterus, 243 (128); convulsions, 245 (133); trembling of arms and legs, 248 (140); pimples, 254 (156); sores, 264 (172) and 269 (180); measles, 276 (190); smallpox, 278 (191); syphilis, 280 (192); 282 (193) and 285 (195); ulcer, 287 (196); haematuria, 296 (205); constipation, 307 (223); cholera, 318 (244); dysentery, 329 (245); cough, 339 (247); phthisis, bronchitis and asthma, 344 (252); bite of jackal, dog, 375 (285); snakebite, 380 (290); spider-lick, 389 (298).

194. *Imperata arundinacea* Cyrill. = *I. CYLINDRICA* (L.) Beauv.

Fever, 186 (51).

IMPERATA CYLINDRICA (L.) Beauv. see *I. arundinacea* Cyrill.

195. *INDIGOFERA PULCHELLA* Roxb.

Epilepsy, 228 (101); mucus in urine, 294 (201); menorrhagia, 361 (266).

196. *IPOMOEA BATATAS* (L.) L.

Lactation complaints, 371 (278).

197. *I. quamoclit* L. = *QUAMOCLIT PENNATA* Bojer.

Ulcer, 292 (199); breast pain, 373 (281).

198. *IXORA PARVIFLORA* Vahl.

Dysuria, 295 (204); poison of spider bite, 389 (299).

199. *JASMINUM ARBORESCENS* Roxb.

Fever, 185 (51) and 193 (61); madness, 208 (80); sores, 266 (175); bronchitis, asthma, 344 (252).

200. *JATROPHA CURCAS* L.

Sores, 179 (35); whitlow, 181 (40); dropsy and anasarca, 204 (75); carbuncle, 214 (85); convulsions, cramps, 235 (110); collapse, 251 (147); sores, 265 (173); syphilis, 283 (193); neuralgia, pleurisy, pneumonia, 353 (255).

201. *JUSSIAEA SUFFRUTICOSA* L.

Fever, 194 (63); thirst, 309 (227); puerperal fever, 369 (275).

202. *Justicia adhatoda* L. = *ADHATODA VASICA* Nees.

Consumption, dry cough, bronchitis, 348 (253).

KALANCHOE LACINIATA DC. see *Cotyledon laciniata* Roxb.

203. *KYLLINGA MONOCEPHALA* L.

Tumours, 213 (83); icterus, 243 (128).

LAGENARIA VULGARIS Seringa see *Cucurbita lagenaria* Willd.

204. *LAGERSTROEMIA PARVIFLORA* Roxb.

Sores, 179 (35); strangulation of intestine, 242 (124); 'Koca nargi', 262 (170); stab wound, 272 (184) and 273 (187); syphilis, 282 (193); chronic sore, carbuncle, 290 (198); cough, 339 (247) and 341 (250); phthisis, bronchitis and asthma, 344 (252); lactation difficulties, 373 (281); bite of rabid dog, jackal, 376 (285); rinderpest, 399 (3).

LANNEA COROMANDELICA (Hout.) Merr. see *Odina wodier* Roxb.

LASIA ACULEATA Lour. see *L. heterophylla* Schott.

205. *L. heterophylla* Schott. = *L. ACULEATA* Lour.

Tubercular fistula, 270 (181); phthisis, bronchitis and asthma, 343 (252); consumption, dry cough, bronchitis, 347 (253).

206. *LATHYRUS SATIVUS* L.

Leg pain, 183 (45); stomach trouble, 249 (142); dysentery, 332 (245).

207. *Laurus cassia* Roxb. = *CINNAMOMUM TAMALA* Nees & Eberm.

Sores, 267 (176).

208. *L. cinnamomum* Willd. = *C. ZEYLANICUM* Blume.

Fever, 194 (63); indigestion, 308 (224); prolapsus ani and fistula ani, 312 (238); cholera, 322 (244); dysentery, 331 (245); bronchitis, 339 (249) and 341 (251); phthisis, bronchitis and asthma, 342 (252) and 346 (253); fever, 367 (275).

209. *Lawsonia alba* Lam. = *L. INERMIS* L.

Headache, 162 (6); muscle pain, 217 (88).

L. INERMIS L. see *L. alba* Lam.

LEEAE AEQUATA L. see *L. hirta* Roxb.

210. *L. hirta* Roxb. = *L. AEQUATA* L.

Night fever, 193 (61); pain, 216 (87); rheumatism, 224 (96) and 226 (99); mucus in urine, 294 (201); dysentery, 330 (245); neuralgia, pleurisy and pneumonia, 352 (255) and 354 (256); pleuritis, 355 (257).

211. *L. MACROPHYLLA* Roxb.

Pain in chest, 189 (60); spleen complaints, 199 (68); pain, 216 (87); dysentery, 330 (245); neuralgia, pleurisy and pneumonia, 352 (255) and 354 (256); pleuritis, 354 (257); *rinderpest*, 398 (3); *bone fracture of catile*, 402 (12).

LENS CULINARIS Medic. see *Ervum lens* L.

212. *LEONOTIS NEPETAEFOLIA* R. Br.

Convulsions and cramps, 235 (110); burns, 271 (182).

213. *LEPIDAGATHIS CRISTATA* Willd.

Sores, 256 (158); adenitis, 258 (160); scabies, 260 (166); sores, 267 (176) and 274 (188); syphilis, 284 (193) and 285 (195).

214. *LEPIDIDIUM SATIVUM* L.

Pain, 216 (87); muscle pain, 217 (88); mucus in urine, 294 (201); gravel, 297 (206); thirst, 309 (227); stomachache, 310 (229); colic, 313 (239); dysentery, 330 (245); phthisis, bronchitis and asthma, 345 (252); pneumonia, 354 (256); pleuritis, 355 (257).

215. *LEUCAS CEPHALOTES* Spreng.

Headache, 163 (7); swelling of head, 164 (9); eye complaints, 170 (19); snakebite, 382 (290).

216. *L. CLARKEI* Hk.f.

Swelling of head, 164 (9).

217. Lichen

Cancer, 212 (82).

LIMNOPHILA CONFERTA Benth. see *ENHYDRA FLUCTUANS* Lour.

218. *L. ROXBURGHII* G. Don

Sores, 179 (35); fever, 186 (51); carbuncle, 214 (85); burns, 272 (182); cholera, 328 (244).

219. *LINUM USITATISSIMUM* Willd.

Cough, 339 (247); intoxication, 374 (284).

LITSAEA POLYANTHA Juss. see *Tetranthera monopetala* Roxb.

220. *LORANTHUS BUDDLEIODES* Wedd.

(probably refers to *L. scurrula* L.)

Cholera, 326 (244).

221. *LUFFA ACUTANGULA* Roxb.

Madness, 209 (80); convulsions and

cramps, 234 (110); tetanus, 241 (123); internal pain, 242 (125); 'adenitis scrofulosa colli', 257 (160); sores, 268 (178); scabies, 274 (188); syphilis, 285 (195).

222. *L. AMARA* Roxb.

Tetanus, 241 (123); 'adenitis scrofulosa colli', 257 (160); sores, 268 (178).

223. *Lygodium flexuosum* Sw. = *L. PINNATIFIDUM* Sw.

Fever, 186 (51), 187 (54) and 189 (61); atrophy and emaciation, 210 (81); icterus, 243 (128); constipation, 307 (223); cough, 338 (247); pleurisy, 351 (254).

L. PINNATIFIDUM Sw. see *L. flexuosum* Sw.

MADHUCA INDICA J.F.Gmel. see *Bassia latifolia* Roxb.

224. *MALLOTUS PHILIPPENSIS* Muell.-Arg.

Sores, 265 (173).

225. *MANGIFERA INDICA* L.

Eye complaints, 168 (14); ulcerated tongue, 178 (33); fever, 187 (55) and 191 (61); dropsy and anasarca, 204 (75); anemia, 216 (86); rheumatism, 221 (94) and 223 (96); hemiplegia, 227 (100); icterus, 243 (128); diarrhoea, 315 (241); cholera, 316 (244); dysentery, 331 (245); puerperal fever, 368 (275); pain and thirst, 370 (277); black lips and tongue, 374 (284); *rinderpest*, 397 (3).

226. *MARSILIA QUADRIFOLIA* L.

Eye complaints, 165 (10) and 167 (12); fever, 185 (50); spleen complaints, 200 (68); muscular pain, 217 (88); pimples, 254 (156); impetigo, 262 (168); sores, 264 (173); diarrhoea, 315 (241); menorrhagia, 361 (266); lactation difficulties, 370 (278); snakebite, 381 (290); *bone fracture*, 401 (12).

MARTYNIA ANNUA L. see *M. diandra* Glox.

227. *M. diandra* Glox. = *M. ANNUA* L.

Hair fall due to fever, 161 (3); scabies, 274 (188); sores, carbuncle on back, 290 (198).

228. *Melia azadirachta* L. = *AZADIRACHTA INDICA* A. Juss.

Inflammation of gums, 177 (32); sores, 179 (35); fever, 190 (61); spleen complaints, 195 (65) and 200 (68); tumours,

213 (83); rheumatism, 226 (99); strangulation of intestine, 241 (124); sores, 252 (153, 154), 263 (171) and 264 (173); head scald 269 (179); measles, 275 (190); smallpox, 276 (191); chancre, syphilis, 281 (192), 282 (193) and 285 (195); sores and carbuncle, 289 (192); diarrhoea, 304 (212); nausea, 305 (216); cholera, 318 (244); fever in labour, 363 (269); failure of lactation, 371 (278); snakebite, 380 (290); *anthrax*, 400 (4).

MELOTHRIA HETEROPHYLLA Cogn. see *Zehneria umbellata* Mur.

229. MENTHA SATIVA Willd.

'Dub dubia', 305 (217); constipation, 308 (223).

230. MEZONEURUM CUCULLATUM W. & A.

Convulsions and cramps, 234 (110) and 248 (139).

231. MICHELIA CHAMPACA L.

Ulcer, 178 (33); fever, 191 (61); sores and carbuncle, 291 (198); spermatorrhoea, 293 (200); mucus in urine, 294 (201); cholera, 326 (244); dysentery; 331 (245); blood and mucus in bowel excretion, 337 (246); phthisis, bronchitis and asthma, 342 (252); consumption, dry cough and bronchitis, 348 (253); menorrhagia, 360 (266); puerperal fever, 366 (275); pain and thirst, 370 (277); *rinderpest*, 396 (3).

232. MILIUSA VELUTINA Hk.f. & Th.

Icterus, 243 (128); *rinderpest*, 399 (3).

233. MILLETIA AURICULATA Baker

Toothache, 176 (31); spleen complaints, 198 (68).

234. MIMOSA RUBICAILIS Lamk.

Fever, 189 (61); emaciation, 207 (77), and 210 (81); icterus, 243 (128); 'nargi ghao', 262 (169); sores, 265 (173); measles, 276 (190); smallpox, 277 (191); syphilis, 283 (193); retention of urine, 294 (202); constipation, 307 (223); indigestion, 308 (224); cholera, 317 (244); cough, 338 (247); consumption, dry cough, bronchitis, 348 (253); pleurisy, 351 (254); snakebite, 382 (290); *rinderpest*, 398 (3).

235. MIMUSOPS ELENGI L.

Ulcerated tongue, 178 (33); sores, 180 (35); dropsy and anasarca, 205 (75); smallpox, 276 (191); syphilis, 282 (193) and

286 (195); sores and carbuncle, 291 (198); consumption, cough and bronchitis, 338 (247) and 347 (253); menorrhagia, 361 (266); bite of tiger, 378 (288).

MITRAGYNA PARVIFOLIA Korth. see *Stephegyne parvifolia* Korth.

MNESITHEA LAEVIS (Retz.) Kunth. see *Rottboellia perforata* Roxb.

MOGHANIA MACROPHYLLA Ktze. see *Flemingia congesta* Roxb.

236. MOMORDICA DIOICA Roxb.

Headache, 163 (7); swelling on head, 164 (9); enlargement of spleen, 201 (70); delirium, 240 (119); screaming 'Kikir kikir', 247 (137); post-natal complaints, 250 (145); dysentery, 332 (245); phthisis, bronchitis and asthma, 345 (252).

237. M. MURICATA Willd.

Snakebite, 385 (290).

238. MONOCHORIA PLANTAGINEA Kunth.

Anaemia, 215 (86); rheumatism, 221 (94); dysentery, 334 (245).

239. *Morinda exserta* Roxb. = M. TINCTORIA Roxb.

Baldness, 161 (2); dropsy and anasarca, 204 (75); mucus in urine, 294 (201).

240. M. TINCTORIA Roxb.

Fever, 187 (54); smallpox, 277 (191); *rinderpest*, 398 (3); see also *M. exserta* Roxb.

MORINGA OLEIFERA Lam. see *M. pterygosperma* Gaertn.

241. *M. pterygosperma* Gaertn. = M. OLEIFERA Lam.

Baldness, 161 (2); sores, 180 (36); spleen complaints, 200 (68); madness, 208 (80); epilepsy, 229 (101); 231 (103) and 232 (107); adenitis scrofulosa colli, 257 (160); erysipelas and scabies, 259 (162) and 260 (166); sores, 268 (178); syphilis, 285 (195); retention of urine, 294 (202) and 365 (271); haematuria, 296 (205); gravel, 299 (206); cholera, 323 (244); dysentery, 332 (245); pneumonia, 353 (256); female sterility, 359 (264); snakebite, 381 (290); sting of scorpion, centipede, spider, 391 (302).

242. *Mucuna pruriens* Baker = M. PRURITA Hook.

Sores, 182 (41); 'Jaro rua', 188 (56);

dropsy and anasarca, 202 (75); madness, 208 (80); cancer, 212 (82); 'ti hurla mirgi bai', 252 (152); sores, 259 (163); ring-worm, 275 (189); syphilis, 281 (193); cough, 338 (247); pleuritis, 355 (257); pain, 363 (268); bite of jackal, dog; and rabies, 375 (285); poison of crocodile bite, 379 (289); snakebite, 380 (290); sting of scorpion, etc., 390 (301) and 391 (302); *bone fracture*, 402 (12).

M. PRURITA Hook. see *M. pruriens* Baker.

243. MUSA PARADISIACA L.

Dropsy and anasarca, 204 (75); pain, 219 (90) and 220 (93); hemiplegia, 227 (100); pain, 248 (142); smallpox, 277 (191); mucus in urine, 293 (201); haematuria, 296 (205); vomiting, 303 (210); diarrhoea, 369 (276); bite of jackal and dog, 375 (285); bite of lizard, 388 (294); *haemorrhagic septicaemia*, 394 (1).

244. NARDOSTACHYS JATAMANSI DC.

'Jaro rua', 188 (56); madness, 208 (80); epilepsy, 231 (103); mad convulsions and delirium febris, 246 (136); unconsciousness after childbirth, 250 (145); convulsions, 252 (150); smallpox, 276 (191); ulcer, 287 (196); cholera, 319 (244); dysentery, 330 (245); consumption, dry cough and bronchitis, 350 (253).

NELUMBO NUCIFERA Gaertn. see *Nelumbium speciosum* Willd.

245. *Nelumbium speciosum* Willd. = NELUMBO NUCIFERA Gaertn.

Strangulation of intestine, 241 (124).

NERIUM INDICUM Mill. see *N. odorum* Soland.

246. *N. odorum* Soland = N. INDICUM Mill.

Inflammation of gums, 177 (32); dysentery, 331 (245); phthisis, bronchitis, asthma, consumption and dry cough, 344 (252) and 347 (253); menorrhagia, 360 (266).

247. NICELLA INDICA Roxb.

Bleeding of gums, 175 (30); fever, 192 (61); atrophy, emaciation and cachexy, 211 (81); convulsions and cramps, 234 (110); sores, 266 (175) and 267 and (176); smallpox, 277 (191); venereal sores and syphilis, 280 (192); constipation, 307 (223); prolapsus ani and fistula ani, 313 (238); dysentery, 332 (245); phthisis, bronchitis, asthma, consumption and dry cough, 344

(252) and 349 (253); leprosy, 356 (258); failure of lactation, 371 (278).

248. NYCTANTHES ARBORTRISTIS L.

Snakebite, 14 (*); weak pulse, 207 (78); atrophy, emaciation and cachexy, 211 (81); cancer, 212 (82); sores, 260 (165) and 267 (176); ulcer, 287 (196); dysentery, 330 (245); menorrhagia, 360 (266); pregnancy complaints, 262 (267); bite of jackal or dog, 375 (285).

249. NYMPHAEA LOTUS L.

Consumption, bronchitis and dry cough, 347 (253); menorrhagia, 361 (266).

See also *N. rubra* Roxb.

250. *N. rubra* Roxb. = N. LOTUS L.

Mucus in urine, 294 (201); gravel, 299 (206); colic, 312 (237); dysentery, 331 (245); cough, 338 (247); phthisis, bronchitis, asthma, consumption and dry cough, 343 (252) and 347 (253); menorrhagia, 359 (266); chameleon's bite, 388 (296).

251. NYMPHAEA sp.

Strangulation of intestine, 241 (124); sores, 265 (173); puerperal fever, 367 (275).

252. OCHNA SQUARROSA L.

Pain, 184 (48); fever, 186 (51) and 192 (61); cholera, 320 (244); dysentery, 330 (245); consumption, dry cough and bronchitis, 347 (253).

OCIMUM AMERICANUM L. see *O. canum* Sims.

253. O. BASILICUM L.

Feeling of heat in head, 162 (5); headache, 163 (7); earache, 173 (25); fever, 191 (61); dropsy and anasarca, 204 (75); hemiplegia, 227 (100); epilepsy, 229 (101) and 233 (107); convulsions and cramps, 234 (110); labour complaints, 245 (131); mad convulsions and delirium febris, 247 (136); collapse, 250 (147); gravel, 297 (206); cholera, 320 (244); bite of jackal or dog, 375 (285); snakebite, 380 (290).

254. *O. canum* Sims. = O. AMERICANUM L.

Feeling of heat in head, 165 (5); headache, 163 (7); convulsions and cramps, 234 (110); cholera, 320 (244); bite of rabid dog or jackal, 375 (285); snakebite, 380 (290).

255. *O. SANCTUM* L.

Fever, 186 (53); dropsy and anasarca, 204 (75); pain, 219 (90); hemiplegia, 227 (100); collapse, 250 (147); gravel, 297 (206); vomiting, 304 (215); constipation, 308 (223); cholera, 320 (244); cough, 339 (247); protracted labour, 364 (270); complaints after childbirth, 366 (274); diarrhoea, 369 (276); bite of jackal or dog, 375 (285); snakebite, 380 (290); *haemorrhagic septicaemia*, 395 (1).

256. *Odina wodier* Roxb. = *LANNEA COROMANDELICA* (Hout.) Merr.

Crying convulsions, 245 (133); 'Jan uri', 260 (164); sores and carbuncle, 290 (198); haematuria, 296 (205); diarrhoea, 315 (241); cholera, 316 (244); dysentery, 333 (245); *rinderpest*, 397 (3).

257. *OLAX NANA* Wall.

Dysuria, 295 (204).

258. *Oldenlandia biflora* Roxb. = *O. CORYMBOSA* L.

Fever, 187 (55).

O. CORYMBOSA L. see *O. biflora* Roxb.

259. *O. PANICULATA* Roxb. (probably of L.)?

Ascites, dropsy and anasarca, 204 (75).

260. *OPUNTIA DILLENII* Haworth

Pimples, 254 (156); sores, 265 (173); syphilis, 281 (193).

261. *OROXYLUM INDICUM* Vent.

Smallpox, 144 (*); fever, 187 (54); spleen complaints, 195 (65) and 197 (68); dropsy and anasarca, 204 (75); madness, 208 (80); anaemia, 215 (86); hemiplegia, 227 (100); epilepsy, 231 (103); post-natal complaints, 250 (145); pimples, 254 (156); sores, 259 (163); smallpox, 279 (191); sores, 288 (197); dysuria, 295 (203); urticaria and dyspepsia, 306 (220); colic, 312 (237); diarrhoea, 315 (241); cholera, smallpox, 316 (243); cholera, 318 (244); to control lactation, 372 (281); snakebite, 381 (290); *rinderpest*, 396 (3); *anthrax*, 399 (4).

262. *Ougeinia dalbergioides* Benth. = *O. OOJEINENSIS* (Roxb.) Hochr.

Diarrhoea, 315 (241); cholera, 321 (244); dysentery, 330 (245).

O. OOJEINENSIS (Roxb.) Hochr. see *O. dalbergioides* Benth.

OXYSTELMA ESCULENTUM Br. see *Asclepias rosea* Roxb.

263. *Pandanus odoratissimus* Roxb. = *P. TECTORIUS* Sol. ex Parkinson.

Ulcer, 287 (196).

P. TECTORIUS Sol. ex Parkinson see *P. odoratissimus* Roxb.

264. *Panicum crus-galli* L. = *ECHINOCHLOA CRUSGALLI* (L.) Beauv.

Sores and carbuncle, 292 (198).

265. *P. flavidum* Retz. = *PASPALIDIUM FLAVIDUM* (Retz.) Camus

Intoxication by overeating, etc., 373 (283); 374 (284).

266. *P. MILIARE* Lamk.

Sores and carbuncle, 292 (198).

267. *P. REPENS* L.

Spleen complaints, 197 (66); pain, 219 (90); and 220 (93); rheumatism, 224 (96); rigid thigh, 225 (97); rheumatism, 226 (99); hemiplegia, 227 (100); delirium and convulsions, 247 (138); mucus in urine, 294 (201); dysuria, 295 (203); atrophy, 302 (208); bloating, 306 (221); diarrhoea, 315 (241); cholera, 318 (244); cough, 338 (247); bronchitis and colds; 339 (249), 340 (250) and 341 (251); phthisis, bronchitis, asthma, consumption and dry cough, 342 (252) and 346 (253).

PASPALIDIUM FLAVIDUM (Retz.) Camus see *Panicum flavidum* Retz.

268. *PASPALUM SCROBICULATUM* L.

Sores and carbuncle, 290 (198); stupour, or intoxication, 373 (283).

269. *PAVETTA INDICA* L.

Dysentery, 334 (245).

270. *PENTAPETES PHOENICEA* L.

Fever, 184 (50); dysentery, 337 (245); consumption, dry cough and bronchitis, 351 (253); protracted labour, 364 (270).

271. *PHASEOLUS MUNGO* L.

Spleen complaints, 195 (64); colic, 238 (117); scabies, 261 (166); gravel, 298 (206); prolapsus ani and fistula ani, 312 (238); cholera, 321 (244); dysentery, 332 (245); male impotency, 357 (260).

272. *PHOENIX ACAULIS* Buch.-Ham.
Atrophy, emaciation or cachexy, 210 (81); gravel, 299 (206); consumption, dry cough and bronchitis, 347 (253); puerperal fever, 369 (275).
273. *P. SYLVESTRIS* Roxb.
Inflammation of gums, 177 (32).
274. *Phyllanthus emblica* L. = *EMBLICA OFFICINALIS* Gaertn.
Toothache, 176 (31); fever, 186 (51); anaemia, 215 (86); epilepsy, 231 (102 and 103); sores, 252 (154); pimples, 254 (156); sores, 265 (173), 266 (174) and 268 (178); tubercular fistula, 270 (181); gonorrhoea, 284 (194); sores and carbuncle, 289 (198); gravel, 297 (206); diarrhoea, 315 (241) and 369 (276); cholera, 322 (244); dysentery, 332 (245); barrenness, 357 (261); sterility in women, 359 (264); pain and thirst, 370 (277); *rinderpest*, 397 (3); *anthrax*, 400 (4); *convulsions*, 401 (9).
275. *P. lanceolarius* Muell.-Arg. = *GLOCHIDION LANCEOLARIUM* Dalz.
Anaemia, 215 (86); dysentery, 331 (245); prolapsus uteri, 365 (273).
276. *PHYSALIS MINIMA* L.
Deafness, 172 (22).
277. *PIMPINELLA ANISUM* L.
Cholera, 327 (244).
278. *PIPER BETEL* L.
Madness, 209 (80); strangulation of the intestine, 242 (124); venereal sores, syphilis, 280 (192); colic, 312 (237); dysentery, 334 (245); phthisis, bronchitis and asthma, consumption and dry cough, 342 (252) and 351 (253); also for closing the womb, 358 (263).
279. *P. LONGUM* Willd.
Fever, 194 (63); spleen, 207 (76); cholera, 323 (255); dysentery, 333 (245); cough, 338 (247); bronchitis, 339 (249); colds, 341 (251); phthisis, bronchitis, asthma, consumption and dry cough, 342 (252) and 346 (253); puerperal fever, 367 (275); diarrhoea, 369 (276).
280. *PISUM SATIVUM* L. and *P. ARVENSE* L.
Dysentery, 332 (245).
281. *Plantago ispaghula* Flem. = *P. OVATA* Forssk.
Pain, 217 (88); bronchitis, 340 (249).
P. OVATA Forssk. see *P. ispaghula* Flem.
282. *PLUMBAGO ZEYLANICA* L.
Spleen complaints, 194 (64), 196 (66), 198 (68) and 200 (69).
283. *Plumeria acutifolia* Poir. = *P. RUBRA* L. forma *ACUTIFOLIA* (Poir.) Woodson.
Indigestion, 308 (225); cholera, 317 (244).
P. RUBRA L. forma *ACUTIFOLIA* (Poir.) Woodson see *P. acutifolia* Poir.
284. *POLLINIA ERIPODA* Hance
Wounds, 273 (186); prolapsus uteri, 366 (273); puerperal fever, 368 (275).
285. *POLYCARPEA CORYMBOSA* Lamk.
Atrophy, emaciation or cachexy, 210 (81).
286. *POLYGALA CHINENSIS* L.
Vertigo, 162 (4); night blindness, 171 (21); moving of breast, 189 (59); madness, 208 (80); epilepsy, 233 (107); delirium with hiccup, 250 (146); stomach pain, 311 (235).
287. *P. CROTALARIOIDES* Buch.-Ham.
Headache, 163 (7); neuralgia, 164 (8); toothache, 176 (31); swelling of body, 202 (72); epilepsy, 228 (101); colic, 238 (117) and 312 (237); measles, 275 (190); cough, 339 (247 and 248); pain and thirst, 370 (277).
288. *POLYGONUM PLEBEJUM* Br.
To remove earwig, 174 (27); dysentery, 329 (245); menorrhagia, 362 (266).
289. *Pongamia glabra* Vent. = *P. PINNATA* (L.) Pierre
Leprosy, 355 (258).
P. PINNATA (L.) Pierre see *P. glabra* Vent.
290. *PORANA PANICULATA* Roxb.
Anaemia, 215 (86); stomach complaints, 249 (142).
POUZOLZIA PENTANDRA Benn. see *Urtica pentandra* Roxb.
291. *PREMNA HERBACEA* Roxb.
Atrophy, emaciation or cachexy, 210 (81); rheumatism, 221 (94); cholera, 321 (244).
292. *PSIDIUM GUAJAVA* Raddi.
Sores and carbuncle, 290 (198).
293. *PTEROCARPUS MARSUPIUM* Roxb.

- Burns, 271 (182); syphilis, 286 (195); stomach ache, 311 (234); cholera, 321 (244); dysentery, 330 (245); menorrhagia or flooding, 362 (266).
294. *PTEROSPERMUM ACERIFOLIUM* Willd.
Menorrhagia or flooding, 360 (266); puerperal fever, 367 (275).
295. *PUERARIA TUBEROSA* DC.
Fever, 186 (53); syphilis, 292 (199); gravel, 299 (206) menorrhagia or flooding, 361 (266); *black quarter*, 400 (5).
- QUAMOCLIT PENNATA* Bojer see *Ipomoea quamoclit* L.
296. *RANDIA DUMETORUM* Lamk.
Sores, 182 (42); convulsions and cramps, 233 (110); pimples, 255 (156); adenitis axillaris, 258 (161); constipation, 307 (223); failure of lactation, 373 (281).
297. *R. ULIGINOSA* DC.
Eye inflammation, 167 (12); 'Otitis media suppurativa', 173 (23); sores, 182 (42); colic, 238 (117); strangulation of intestine, 242 (124); pimples, 254 (156); sores, 263 (171), 265 (173), 267 (176) and 291 (198); diarrhoea, 314 (241); cholera, 322 (244); dysentery, 329 (245).
298. *RAPHANUS SATIVUS* L.
Orchitis, epididymitis or hydrocele, 300 (207).
299. *RICINUS COMMUNIS* L.
Osteomyelitis, 183 (45); dropsy and anasarca, 203 (75); muscle pain, 217 (88); convulsions, delirium, 247 (136); sores, 269 (180); burns, 271 (182); any disease attributed to evil eye, 303 (209); cholera, 326 (244); failure of lactation, 371 (278); intoxication, 374 (284).
300. *Rottboellia perforata* Roxb. = *MNESITHEA LAEVIS* (Retz.) Kunth.
Atrophy, emaciation or cachexy, 210 (81); pain, 218 (89); epilepsy, 231 (102).
301. *Ruellia suffruticosa* Roxb. = *DIPTERACANTHUS SUFFRUTICOSA* Voigt
Fever, 185 (51), 190 (61) and 194 (63); atrophy, emaciation and cachexy, 210 (81); 'Jhunka bat', 226 (99); cough, 338 (247); dry cough and bronchitis, 346 (253); dropsy, 363 (268); puerperal fever, 369 (275); diarrhoea, 369 (276).
- SACCHARUM BENGALENSE* Retz. see *S. sara* Roxb.
302. *S. sara* Roxb. = *S. BENGALENSE* Retz.
Convulsions and cramps, 235 (110); collapse, 251 (147); syphilis on neck and chest, 286 (195).
303. *S. SPONTANEUM* L.
Burns, 272 (182); urinary complaints, 293 (201); cholera, 328 (244); cough, 338 (247); phthisis, bronchitis and asthma, 342 (252) and 348 (253).
304. *SALIX TETRASPERMA* Roxb.
Pain, 370 (277).
305. *SANTALUM ALBUM* L.
Spleen complaints, 201 (70); dysentery, 331 (245).
- SCHLEICHERA OLEOSA* (Lour.) Oken see *S. trijuga* Willd.
306. *S. trijuga* Willd. = *S. OLEOSA* (Lour.) Oken
Fever, 186 (51) and 190 (61); pain, 216 (87) and 221 (93); rheumatism, 221 (94); cholera, 319 (244); neuralgia, pleurisy and pneumonia, 352 (255) and 354 (257).
307. *SCINDAPSUS OFFICINALIS* Schott.
Cancer, 212 (82); scabies, 261 (166); chancre, syphilis, 280 (192), 282 (193) and 285 (195); urticaria and dyspepsia, 306 (220); stomach pain and colic, 310 (231), 314 (239); cholera, 326 (244); pneumonia, 352 (255) and 354 (256); pleuritis, 355 (257); *haemorrhagic septicaemia*, 394 (1).
308. *Scirpus monostachyus* Koen. = *FIMBRISTYLIS SCHOENOIDES* Vahl.
Trembling of arms and legs, 248 (140); sores, 265 (173); measles, 276 (190); sores, 289 (198); cholera, 318 (244); dysentery, 329 (245); phthisis, bronchitis, and asthma, 343 (252); barrenness in women, 357 (261).
309. *S. rotundus* ?
Vomiting, 304 (214).
310. *SEMECARPUS ANACARDIUM* L.f.
Pterygium, 169 (16); headache, 174 (28); toothache, 175 (31); fever, 193 (61) and 194 (63); spleen complaints, 195 (65), 197 (66) and 197 (68); anasarca, 205 (75); boils, 214 (84); anaemia, 216 (86); muscular pain, 216 (88); sprains and strains, 220 (91); pimples, 254 (156); thorn punc-

- ture, 272 (185); chancre, syphilis, 280 (192) and 283 (193); sores, 291 (198); orchitis, epididymitis and hydrocele, 300 (207); diseases attributed to evil eye, 303 (209); nausea, 305 (216); urticaria and dyspepsia, 306 (220); cholera, 326 (244); colds and cough, 338 (247), 340 (250) and 341 (251); leprosy, 355 (258); barrenness in women, 357 (261); puerperal fever, 369 (275); poison of spider bite, 389 (299); poison of scorpion, centipede sting, 391 (302); *haemorrhagic septicaemia*, 394 (1); *rinderpest*, 397 (3); *anthrax*, 399 (4).
- SESAMUM INDICUM L. see *S. orientale* L.
311. *S. orientale* L. = *S. INDICUM* L.
Spleen complaints, 199 (68); dysentery, 336 (245); leprosy, 355 (258).
312. *Sesbania aegyptiaca* Poir. = *S. SESBAN* (L.) Merr.
Pain, 216 (87) and 221 (93); colic, 238 (117); urinary troubles, 294 (201); gravel, 298 (206); neuralgia, pleurisy, pneumonia, 353 (255), 354 (256) and 355 (257); jackal or dog bite, 375 (285).
S. SESBAN (L.) Merr. see *S. aegyptiaca* Poir.
313. *SHOREA ROBUSTA* Gaertn.
For diagnosis of disease, 16 (*); ophthalmia, 165 (10); whitlow, 181 (40); fever, 186 (51) and 187 (54); burning sensation in chest, 188 (58); fever, 190 (61); cancer, 212 (82); tumours, 213 (83); pain, 219 (90); hemiplegia, 227 (100); cramps, 233 (109); tetanus, 241 (123); sores, 253 (155), 262 (169), 264 (172) and 264 (173); tubercular fistula, 270 (181); burns, 271 (182); smallpox, 278 (191); chancre and syphilis, 281 (192), 282 (193) and 285 (195); sores and carbuncle, 283 (198); dysuria, 295 (204); gravel, 298 (206); orchitis, epididymitis or hydrocele, 300 (207); stomach pain, 310 (231); prolapsus ani and fistula ani, 312 (238); colic, 314 (239); diarrhoea, 315 (241); cholera, 316 (244); dysentery, 332 (245); *hoof and mouth disease*, 396 (2); *rinderpest*, 396 (3); *anthrax*, 399 (4).
314. *Sida humilis* Cav. = *S. VERONICAE-FOLIA* Lam.
Whitlow, 181 (40); sores, 183 (44); boils, 214 (84); carbuncle, 214 (85); pimples, 255 (156); adenitis, 257 (159); scabies, 274 (188); syphilis, 282 (193); cough, 339 (247); cold, 342 (251).
SIDA VERONICAE-FOLIA Lam. see *S. humilis* Cav.
315. *SMILAX OVALIFOLIA* Roxb. = *S. ZEYLANICA* L.
Ophthalmia, 165 (10); ulcer, 178 (33); pain in limb or bones, 184 (48); fever, 185 (51) and 191 (61); emaciation, 207 (77); sores, 262 (169); measles, 276 (190); smallpox, 277 (191); syphilis, 283 (193); dysuria, 295 (204); gravel, 297 (206); cholera, 319 (244); dysentery, 330 (245).
S. ZEYLANICA L. see *S. ovalifolia* Roxb.
SOLANUM FEROX L. see *S. stramonifolium* Jacq.
316. *S. jacquini* Willd. = *S. SURATTENSE* Burm. f.
Night blindness, 170 (21); toothache, 176 (31); mumps, 181 (39); whitlow, 181 (40); sores, 182 (41); madness, 208 (80); atrophy, emaciation or cachexy, 210 (81); rheumatism, 222 (94); delirium, 248 (138); hiccup, 250 (146); smallpox, 276 (191); syphilis, 282 (193); ulcer, 287 (196); cough and colds, 338 (247) and 340 (250); phthisis and bronchitis, 345 (252) and 346 (253); snakebite, 379 (290); stings, 390 (301); 391 (302) and 392 (304).
317. *S. MELONGENA* L.
Dysentery, 332 (245).
318. *S. stramonifolium* Jacq. (probably refers to *S. FEROX* L.)
Toothache, 176 (31); paralysis, 236 (111); delirium, 247 (138); scabies, 274 (188); colds and cough, 338 (247), 340 (250) and 341 (251); phthisis, bronchitis and asthma, 344 (252) and 346 (253).
S. SURATTENSE Burm.f. see *S. xanthocarpum* Schrad. & Wendl. and *S. jacquini* Willd.
319. *S. xanthocarpum* Schrad. & Wendl. = *S. SURATTENSE* Burm.f.
'Jhonji bat', 225 (98); cough and colds, 340 (250); phthisis, bronchitis, asthma and dry cough, 342 (252), 346 (253); snakebite, 383 (290); stings, 392 (302).
320. *SORGHUM VULGARE* Pers.
Epilepsy, 232 (103); stomach pain, 248 (142).

321. SOYMIDA FEBRIFUGA Juss.

Chest pain, 189 (60); cholera, 326 (244); neuralgia, pleurisy and pneumonia, 352 (255); pleuritis, 354 (257); puerperal fever, 367 (275).

322. SPATHOLOBUS ROXBURGHII Benth.

Pain, 194 (62); madness, 208 (80); mucus in urine, 294 (201); haematuria, 296 (205); stomach pain, 311 (234); diarrhoea, 315 (241); cholera, 319 (244); dysentery, 329 (245); *rinderpest*, 399 (3).

323. *Spermacoce hispida* L. = BORRERIA ARTICULARIS F.N.Will.

Ophthalmia, 165 (10); inflammation of eye, 167 (12); blindness, 169 (17); otitis media suppurativa, 173 (23); earache, 174 (25); inflammation of gums, 177 (32); fever, 185 (50); spleen complaints, 200 (68); pimples, 254 (156); sores, 263 (171); 265 (173) and 267 (176); dysentery, 329 (245); stings, 390 (301).

324. *Spondias mangifera* Willd. = S. PINNATA Kurz.

Ophthalmia, 165 (10); night fever, 191 (61); anaemia, 215 (86); disease attributed to evil eye, 303 (209); diarrhoea, 314 (240) and 315 (241); cholera, 318 (244); dysentery, 331 (245); *rinderpest*, 397 (3).

S. PINNATA Kurz see *S. mangifera* Willd.

325. STEPHEGYNE PARVIFOLIA Korth.

Night blindness, 171 (21); fever, 186 (51); pain in joints, 202 (71); oedema, 202 (73); sores, carbuncle, 290 (198); cholera, 319 (244); *rinderpest*, 398 (3).

326. *Sterculia colorata* Roxb. = FIRMIANA COLORATA Br.

Sores, 266 (175); cholera, 326 (244).

327. S. URENS Roxb.

Rhagades, 182 (43); sores, 266 (175); tubercular (?) fistula, 270 (181).

328. S. VILLOSA Roxb.

Night fever, 193 (61); sores, 266 (175); tubercular (?) fistula, 270 (181); lizard bite, 388 (294).

329. STEREOSPERMUM SUAVEOLENS DC.

Haematuria, 296 (205); dysentery, 329 (245); phthisis, bronchitis and asthma, 343 (252); *rinderpest*, 396 (3).

330. STREBLUS ASPER LOUR.

Weak pulse, 207 (78); cancer, 212 (82); sores, 368 (178); gravel, 298 (206); stomach pain, 309 (229); colic, 313 (239); diarrhoea, 315 (241); cholera, 316 (244); dysentery, 331 (245); menorrhagia, 360 (266); *rinderpest*, 398 (3).

331. STRYCHNOS POTATORUM L.f.

Hazy vision, 166 (11); carbuncle, 214 (85); pain, 220 (92); colic, 238 (117) and 313 (239); sores, 256 (157), 263 (172) and 269 (180); stomach pain, 310 (229); snakebite, 381 (290).

SWERTIA CHIRATA Ham. ex Wall. see *Gentiana chirayita* Roxb.

332. SYMLOCOS RACEMOSA Roxb.

Dry cough and bronchitis, 349 (253).

SYZYGIUM CUMINI (L.) Skeels see *Eugenia jambolana* Lam.

S. OPERCULATUM Gamble see *Eugenia operculata* Roxb.

333. TAMARINDUS INDICA L.

Headache, 162 (6); inflammation of the eye, 167 (12); dropsy and anasarca, 203 (75); muscular pain, 217 (88); syphilis, 283 (193); cough and colds, 241 (250); snakebite, 385 (290); sting of scorpions, etc., 390 (301) and 392 (302); *anthrax*, 399 (4).

334. TERMINALIA ARJUNA W. & A.

Sores, 182 (42); pain, 189 (60); anaemia, 215 (86); convulsions, 245 (133); dysuria, 295 (204); neuralgia, pleurisy and pneumonia, 352 (255); leprosy, 356 (258); tiger bite, 378 (288).

335. T. BELLIRICA Roxb.

Fever, 186 (51) and 190 (61); muscular pain, 218 (89); cramps, 233 (109); rattling sound in breathing, 244 (130); measles, 275 (190); dysuria, 295 (204); cholera, 317 (244); snakebite, 381 (290).

336. T. CHEBULA Retz.

Inflammation of the eye, 167 (12); sores, 179 (35); spleen complaints, 196 (66) and 199 (68); measles, 275 (190); dysuria, 295 (204); haematuria, 296 (205); constipation, 306 (219); diarrhoea, 316 (241); cough, 338 (247); dry cough and bronchitis, 347 (253).

337. *T. TOMENTOSA* W. & A.

Sores, 179 (35); fever, 191 (61); pain, 216 (87); burns, 271 (182); haematuria, 296 (205); gravel, 298 (206); stomach pain, 311 (234); cholera, 317 (244); dysentery, 329 (245); pregnancy complaints, 363 (268); *rinderpest*, 396 (3).

338. *Tetranthera monopetala* Roxb. = *LITSAEA POLYANTHA* Juss.

Dropsy and anasarca, 204 (75); boils, 213 (84); carbuncle, 214 (85); pain in loins, 220 (92); adenitis, 257 (159); sores, 265 (173); stab wounds, 273 (187); stomach pain, 310 (232); colic, 314 (239).

339. *THEMEDA GIGANTEA* Hackel.

Moving of breast, 189 (59); spleen complaints, 196 (66); dropsy and anasarca, 204 (75); atrophy, emaciation or cachexy, 210 (81); oedema, sores, 259 (163); gonorrhoea or spermatorrhoea, 293 (200); gravel, 297 (206); stomach-ache, 310 (229); colic, 313 (239); cholera, 326 (244); cough, 338 (247); phthisis, bronchitis and asthma, 345 (252) and 348 (253); male impotency, 357 (260).

340. *THESPESIA LAMPAS* Dalz. & Gibs.

Nosebleed, 175 (29); limb or bone pain, 184 (48); fever, 185 (51) and 189 (61); sores, 265 (173); stab wound, 273 (187); ulcer, 287 (196); sores and carbuncle, 291 (198); 'Khakhorni lac haso', 311 (233); prolapsus ani and fistula ani, 313 (238); dysentery, 330 (245); consumption, cough and bronchitis, 350 (253).

341. *Thysanolaena acarifera* Arn. & Nees. = *T. MAXIMA* (Roxb.) Ktze.

Moving of breast, 189 (59); bloating, 306 (221); phthisis, bronchitis and asthma, 343 (252) and 350 (253).

T. MAXIMA (Roxb.) Ktze. see *T. acarifera* Arn. & Nees.

342. *TRAGIA INVOLUCRATA* L.

Baldness, 161 (2); headache, 163 (7); sores, 182 (41); dropsy and anasarca, 202 (75); madness, 208 (80); cancer, 212 (82); epilepsy, 228 (101); convulsions and cramps, 234 (110), 252 (152); sores, 259 (163); consumption, dry cough and bronchitis, 347 (253); male impotence, 356 (260); dropsy and labour trouble, 363 (368); bite of jackal or dog, 375 (285);

tiger bite, 378 (288); poison of crocodile bite, 379 (289); snakebite, 380 (290); sting of scorpion, etc., 390 (301) and 391 (302).

343. *TRAPA BISPINOSA* Roxb.

Dropsy and anasarca, 204 (75); consumption, dry cough and bronchitis, 350 (253); *rinderpest*, 398 (3).

344. *TRIGONELLA FOENUM-GRÆCUM* Willd.

Grey hair, 161 (1); baldness, 161 (2); facial oedema, 202 (73); sores, 267 (176) and 269 (180); chancre and syphilis, 280 (192); gonorrhoea or cystitis, 284 (194).

345. *TRIUMFETTA RHOMBOIDEA* Jacq.

Whitlow, 181 (40); sores, 182 (41); carbuncle, 214 (85); tongue convulsion, 236 (112); spider-lick, 389 (298).

346. *TYLOPHORA LONGIFOLIA* Wight.

Gum inflammation, 177 (32); cholera, 321 (244); snakebite, 381 (290).

TYPHA ANGUSTATA Bory & Chaub. see *T. angustifolia* Kurz.

347. *Typha angustifolia* Kurz. = *T. ANGUSTATA* Bory & Chaub.

Madness, 208 (80); epilepsy, 231 (103).

348. *URENA SINUATA* L.

Whitlow, 181 (40); sores, 182 (41); carbuncle, 214 (85); convulsions, 236 (112); spider-lick, 389 (298).

349. *Urtica pentandra* Roxb. = *POUZOLZIA PENTANDRA* Benn.

Nosebleed, 175 (29).

350. *VANDA ROXBURGHII* R.Br.

Eye complaints, 168 (13); earache, 173 (25); sores, 265 (173) and 290 (198); urticaria and dyspepsia, 306 (220).

351. *VENTILAGO CALYCVLATA* Tulasne.

Hair fall, 161 (3); night blindness, 171 (21); otitis media, 172 (23); fever, 187 (54) and 193 (61); atrophy and emaciation, 211 (81); pimples, 255 (156); scabies, 261 (166); syphilis, 284 (193); dysuria, 295 (204); retention of urine and faeces, 309 (226).

352. *Vernonia anthelmintica* Willd. = *CENTRATHERUM ANTHELMINTICUM* (Willd.) Kuntze

Syphilis, 286 (195); constipation, 307 (222) and (223); retention of urine and faeces, 309 (226); cholera, 326 (244).

353. *V. CINEREA* Less.

Night blindness, 171 (21); spleen complaints, 195 (65) and 197 (68); cholera, 327 (244); dysentery, 329 (245); male impotence, 356 (260); failure of lactation, 371 (278).

VETIVERIA ZIZANIOIDES (L.) Nash see *Andropogon muricatus* Retz.

354. *Vigna catjang* Walp. = *V. CYLINDRICA* Skeels.

Smallpox, 277 (191).

V. CYLINDRICA Skeels see *V. catjang* Walp.

355. *V. VEXILLATA* Benth.

Ulcerated tongue, 178 (33); atrophy, emaciation or cachexy, 210 (81); ulcer, 287 (196); cholera, 320 (244).

VISCUM ARTICULATUM Burm. see *V. attenuatum* DC.

356. *V. attenuatum* DC. = *V. ARTICULATUM* Burm.

Pain in leg, 183 (45) and 202 (71); atrophy, emaciation or cachexy, 211 (81); tumours, 213 (83); rheumatism, 226 (99); syphilis, 286 (195).

357. *Vitex alata* Roxb. = *V. PEDUNCULARIS* Wall. var. *ROXBURGHIANA* Hk.f.

Bite of rabid jackal or dog, 376 (285).

358. *V. NEGUNDO* L.

Headache, 163 (7); swelling of head, 164 (9); eye inflammation, 167 (12); dropsy and anasarca, 204 (75); madness, 208 (80); rheumatism, 22 (94) and 223 (96); hemiplegia, 227 (100); epilepsy, 231 (103); post-natal complaints, 249 (145); scabies, 260 (166); sores, 261 (167); scabies, 274 (188); syphilis, 283 (193); sores, 288 (197); *rinderpest*, 399 (3); *dropsy*, 401 (8).

359. *V. PEDUNCULARIS* Wall.

Whitlow, 181 (40); spleen complaints, 200 (68); muscular pain, 217 (88); stab wound, 273 (187); dysentery, 329 (245); *bone fracture*, 402 (12).

see also *V. alata* Roxb.

360. *Vitis adnata* Wall. = *CISSUS ADNATA* Roxb.

Bone fracture, 184 (46); swelling, 202 (74); sores, 253 (155); 265 (173) and 268 (177); stab wound, 272 (184); 273 (187);

syphilis, 284 (195); ulcer, 288 (196); sores and carbuncle, 290 (198); diarrhoea, 315 (241); dysentery, 334 (245); menorrhagia, or flooding, 361 (266); bear's bite, 378 (286); tiger bite, 379 (288); *bone fracture*, 401 (12).

361. *V. latifolia* Roxb. = *AMPELOCISSUS LATIFOLIA* (Roxb.) Planch.

Muscular pain, 217 (88); sores, 265 (173) and 290 (198); pneumonia, 354 (256); snakebite, 380 (290); *bone fracture*, 402 (12).

362. *V. tomentosa* Heyne = *AMPELOCISSUS TOMENTOSA* (Heyne) Planch.

Swelling of head, 164 (9); leg pain, 183 (45); chest pain, 189 (60); wood spleen, 195 (65); spleen complaints, 197 (68); dropsy and anasarca, 204 (75); pimples, 254 (156); tubercular fistula, 270 (181); sores and carbuncle, 290 (198); dysentery, 337 (245); neuralgia, pleurisy, pneumonia, 352 (255) and 355 (257); puerperal fever, 367 (275); spider-lick, 388 (298); poison of spider bite, 389 (299); *rinderpest*, 398 (3); *black quarter*, 400 (5); *dropsy*, 401 (8); *bone fracture*, 402 (12).

WATTAKAKA VOLUBILIS (L.) Stapf see *Dregea volubilis* Benth. ex Hk.f.

363. *WENDLANDIA TINCTORIA* DC.

Sores, 266 (175); *rinderpest*, 399 (3).

364. *Woodfordia floribunda* Salisb. = *W. FRUTICOSA* Kurz.

Night blindness, 171 (21); sores, 183 (44); night and other fevers, 193 (61) and 194 (63); spleen complaints, 200 (68); atrophy, emaciation or cachexy, 210 (81); muscular pain, 218 (89); sores, carbuncle, 253 (155), 260 (165), 262 (169), 263 (171), 264 (172), 266(175), 269 (178) and 290 (198); chancre and syphilis, 280 (192) and 282 (193); ulcer, 287 (196); cholera, 326 (244); dysentery, 330 (245); menorrhagia, 361 (266); bleeding during pregnancy, 362 (267); dropsy and pregnancy complaints, 363 (268); puerperal fever, 369 (275); bite of jackal or rabid dog, 375 (285); *bone fracture*, 402 (12).

W. FRUTICOSA Kurz. see *W. floribunda* Salisb. and *Grislea tomentosa* Roxb.

365. *WRIGHTIA TOMENTOSA* R. & S.

Tumours, 213 (83); stomach-ache, 310

(229); colic, 314 (239); dysentery, 332 (245).

366. *YUCCA GLORIOSA* L.

Rheumatism, 225 (96); oedema and sores, 260 (163); ulcer, 287 (196); sores, 289 (197); dysentery, 334 (245); phthisis, bronchitis and asthma, 345 (252); leprosy, 356 (258); *haemorrhagic septicaemia*, 395 (1).

367. *ZEA MAYS* L.

Pneumonia, 354 (256).

368. *Zehneria umbellata* Mur. = *MELOTHRIA HERETOPHYLLA* Cogn.

Otitis media suppurativa, 173 (23); ear suppuration, 173 (24); earache, 174 (25); paralysis, 236 (111); unconsciousness after labour, 250 (145); adenitis scrofulosa colli, 257 (160); sores, 268 (178); syphilis, 283 (193) and 285 (195).

369. *ZINGIBER CASSUMUNAR* Roxb.

Ague, 184 (47); fever, 186 (52); ascites, dropsy and anasarca, 206 (75); anaemia, 215 (85); 'curibai', 240 (120); phthisis, bronchitis and asthma, 343 (252); *anthrax*, 399 (4).

370. *Z. OFFICINALE* Roscoe

Pain, 219 (90) and 220 (93); rheumatism, 222 (94), 224 (96) and 226 (99); mad convulsions, 246 (136); collapse, 250 (147); scabies, 261 (166); constipation, 305 (219); constipation, 306 (222); indigestion, 308 (224); prolapsus ani and fistula ani, 313 (238); cholera, 320 (244); cough, 338 (247); phthisis, bronchitis and asthma, 344 (252) and 346 (253); amenorrhoea, 359 (265); complaints after child-birth, 366 (274); puerperal fever, 368 (275); diarrhoea, 369 (276); bite of rabid jackal or dog; or rabies, 375 (285); snake-bite, 381 (290); sting of scorpion, etc. 391 (301 and 302).

371. *Z. ZERUMBET* Sm.

Mucus in urine, 293 (201); phthisis, bronchitis and asthma, 342 (252) and 348 (253).

372. *ZIZYPHUS JUJUBA* Lam.

Oedema, 152 (*); headache, 162 (6); fever, 187 (54); spleen complaints, 200 (68); oedema; sores, 259 (163), 265 (173), 269 (178) and 289 (197); colic, 310 (230); stomach pain, 310 (231); colic, 314 (239);

diarrhoea, 315 (241); cholera, 327 (244); dysentery, 334 (245); *rinderpest*, 398 (3); *gravel*, 400 (6).

373. *Z. OENOPLIA* Mill.

Muscular pain, 218 (89); sores, 268 (178); *rinderpest*, 398 (3).

374. *Z. RUGOSA* Lamk.

Bleeding of gums, 175 (30); inflammation of gums, 177 (32); ulcerated tongue, 178 (33); rhagades lingual, 178 (34); sores, 178 (35); chest pain, 189 (60); syphilis, 280 (192); sores and carbuncle, 290 (198); *rinderpest*, 399 (3).

375. *Z. XYLOCARPA* Willd.

Rinderpest, 399 (3).

376. *Z. XYLOPYRA* Willd.

Dysentery, 331 (245); lizard bite, 388 (294); *rinderpest*, 399 (3).

377. *ZORNIA DIPHYLLO* Pers.

Convulsions and cramps, 234 (110), 245 (132) and 252 (151); collapse, 250 (147); sores, 269 (180); burns, 271 (182).

Conclusion

This paper deals with 377 plant species employed by the Santals (a tribe inhabiting the region of the Bengal-Bihar border in eastern India) in their indigenous medicinal system. The information is based on a valuable (but near-forgotten) report of Reverend P. O. Bodding, published about forty years ago.

The plants are arranged alphabetically by botanical names; the sundry diseases with which each species is associated are given.

Appendix I presents a classification of the 373 higher plants into 93 families of Angiosperms.

Appendix II is an alphabetical index of some common and selected English, Sanskrit, Hindi and Bengali names for the plants dealt with in the paper.

It is hoped that the paper will 1. enable ethnobotanists to compare the Santals' knowledge of medicinal herbs with that of other tribals; 2. bring to light numerous less known medicinal uses of plants, and provide material of value to phytochemists; 3. serve also as a catalogue of plants believed to

occur naturally in the region inhabited by the Santals, since the area is botanically under-explored.

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It is our privilege to record here that

several recent publications of Professor Dr. R. E. Schultes, Curator, Botanical Museum, Harvard University, prompted us to make a search for published but unnoticed or lost ethnobotanical materials about the aboriginal tribes of India. Professor Schultes has also kindly edited the manuscript.

Dr. Julia F. Morton, Director of the Morton Collectanea, University of Miami, Florida deserves our sincere thanks for going through the manuscript and for improving the text of several paragraphs.

APPENDIX I

CLASSIFICATION OF PLANTS IN DIFFERENT FAMILIES THE NUMBERS INDICATE THE SERIAL NUMBERS OF THE PLANT SPECIES

Acanthaceae	24, 191, 202, 213, 301	Ebenaceae	135, 136, 137
Alangiaceae	15	Euphorbiaceae	30, 58, 112, 153, 154, 155, 156, 157, 200, 224, 274, 275, 299, 342
Amaranthaceae	7, 8, 13, 19, 20, 21, 22	Flacourtiaceae	79, 165
Amaryllidaceae	14, 110	Gentianaceae	169
Anacardiaceae	60, 225, 256, 310, 324	Gramineae	25, 41, 98, 121, 143, 184, 190, 194, 264, 265, 266, 267, 268, 284, 300, 302, 303, 320, 339, 341, 367
Annonaceae	27, 232	Labiatae	212, 215, 216, 229, 253, 254, 255
Apocynaceae	18, 76, 189, 193, 246, 283, 365	Lauraceae	82, 207, 208, 338
Araceae	9, 23, 36, 99, 205, 307	Lecythidaceae	42, 75
Aristolochiaceae	33	Liliaceae	38, 170, 315, 366
Asclepiadaceae	37, 69, 70, 113, 140, 179, 346	Linaceae	219
Basellaceae	43	Loganiaceae	331
Bignoniaceae	261, 329	Loranthaceae	220, 356
Bixaceae	97	Lythraceae	178, 204, 209, 364
Bombacaceae	52	Magnoliaceae	231
Boraginaceae	104, 105, 141, 183	Malvaceae	2, 173, 174, 185, 186, 187, 314, 340, 348
Bursaceae	55, 56, 62	Meliaceae	228, 321
Cactaceae	260	Menispermaceae	87
Caesalpiniaceae	45, 46, 47, 80, 81, 230, 333	Mimosaceae	3, 4, 5, 6, 16, 147, 234
Cannabinaceae	72	Moringaceae	241
Capparaceae	73, 92, 109, 180	Musaceae	243
Caryophyllaceae	285	Myrsinaceae	144
Celastraceae	83, 142, 188	Myrtaceae	151, 152, 292
Combretaceae	28, 100, 101, 334, 335, 336, 337	Nyctaginaceae	50, 51
Commelinaceae	102, 103	Nymphaeaceae	245, 249, 250, 251
Compositae	49, 65, 84, 145, 146, 171, 181, 352, 353	Ochnaceae	252
Convolvulaceae	32, 120, 196, 197, 290	Olaceaceae	257
Crassulaceae	108	Oleaceae	199, 248
Cruciferae	57, 214, 298	Onagraceae	201, 343
Cucurbitaceae	59, 85, 115, 116, 117, 221, 222, 236, 237, 368	Orchidaceae	350
Cyperaceae	122, 164, 203, 308, 309	Oxalidaceae	48
Dilleniaceae	128, 129, 130	Palmae	31, 54, 67, 272, 273
Dioscoreaceae	131, 132, 133, 134		
Dipterocarpaceae	313		

Pandanaceae	263	Rutaceae	12, 89, 90, 91, 158
Papilionaceae	1, 39, 40, 63, 64, 66, 71, 86, 111, 123, 125, 126, 127, 138, 139, 148, 149, 150, 166, 195, 206, 233, 242, 262, 271, 280, 289, 293, 295, 312, 322, 344, 354, 355, 377	Salicaceae	304
Pedaliaceae	227, 311	Santalaceae	305
Piperaceae	114, 278, 279	Sapindaceae	306
Plantaginaceae	281	Sapotaceae	44, 235
Plumbaginaceae	282	Scrophulariaceae	53, 146, 218
Polygalaceae	286, 287	Solanaceae	74, 124, 276, 316, 317, 318, 319
Polygonaceae	288	Sterculiaceae	61, 182, 270, 294, 326, 327, 328
Pontederiaceae	238	Symplococcaceae	332
Ranunculaceae	247	Tiliaceae	175, 176, 177, 345
Rhamnaceae	351, 372, 373, 374, 375, 376	Typhaceae	347
Rubiaceae	11, 29, 167, 168, 192, 198, 239, 240, 258, 259, 269, 296, 297, 323, 325, 363	Umbelliferae	26, 77, 78, 106, 159, 277
		Urticaceae	34, 35, 160, 161, 162, 163, 330, 349
		Valerianaceae	244
		Verbenaceae	68, 93, 94, 95, 96, 172, 291, 357, 358, 359
		Vitaceae	88, 210, 211, 360, 361, 362
		Zingiberaceae	17, 107, 118, 119, 369, 370, 371

APPENDIX II

INDEX OF SELECTED INDIAN AND ENGLISH NAMES OF PLANTS

(The numbers indicate serial number of plants)

B: Bengali; E: English; H: Hindi; S: Sanskrit

Abutilon (E)	2	Alstonia (E)	18
Ach (B, H)	240	Am (B, H)	225
Achchhuka (S)	240	Amalaka (S)	274
Ada (B)	370	Amaltas (B, H)	80
Adhaki	66	Amaranth (E)	21
Adina (E)	11	Amarbeli (H)	82
Adiphala (S)	274	Amari (H)	30
Adrak (H)	370	Ambari (H)	186
Agave (E)	14	Ambashtha (S)	87
Aggai (H)	129	Ambli (B)	333
Agnimukhi (S)	170	Amla (B, H)	274
Agnisikha (S)	170	Amlaki (B)	274
Aila (H)	6	Amla (H)	333
Ailni (S)	170	Amra (B, H)	324
Ajaka (S)	254	Amra (S)	225
Ak (H)	69	Amrataka (S)	324
Akanadi (B, H)	87	Amrud (H)	292
Akanda (B)	69	Amruta-phalam (S)	292
Akarkanta (B)	15	Andaman Mombin (E)	324
Akasbel (B)	82	Ankola (S)	15
Akashavalli (S)	82	Ansarishna (B)	180
Akola (H)	15	Aonla (H)	274
Akund Calotrope (E)	69	Apamarga (S)	7
Alabu (S)	116	Apang (B)	7
Alangium (E)	15	Arand (H)	229
Aleveri (B)	214	Arlanda (H)	73
Alibala (S)	2	Ardraka (S)	370
Alkushi (B)	242	Arhar (B, H)	66
Almora (B)	182	Arighna (S)	76
Alsi (H)	219	Arikisira (S)	21

Arimaedah (S)	5	Barangi (H)	95
Arjan Terminalia (E)	334	Bara-nimbu (B, H)	91
Arjun (B, H, S)	334	Bara-sem (H)	71
Arka (S)	69	Barbara (S)	95
Arkahuli (B)	180	Barburaha (S)	3
Arkakanta (S)	92	Bargad (H)	160
Arkapushpika (S)	180	Barhal (H)	35
Arlu (H)	261	Barhanta (H)	342
Arsaghna (S)	23	Barhichuda (S)	93
Arunakamala (S)	250	Barley (E)	190
Arvi (H)	99	Barna (H)	109
Asan (H)	337	Baro-kheruie (B)	156
Asiaglori (E)	32	Barringtonia (E)	42
Asiatic tree cotton (E)	173	Barun (B)	109
Asmarighna (S)	109	Bayabirang (H)	144
Asparagus (E)	38	Bean (E)	271
Asthisanhara (S)	88	Begpura (B)	91
Astmabayda (S)	13	Begun (B)	317
Ata (B)	27	Bel (B, H)	12
Atasi (S)	219	Bela (H)	199
Aushbah (H)	315	Belliric Terminalia (E)	335
Axlewood (E)	28	Benchi (B)	165
Babuitulsi (B, H)	253	Beri (B, H)	372
Babul (B, H)	3	Betelnut-palm (E)	31
Babul Acacia (E)	3	Betel pepper (E)	278
Bach (B, H)	9	Bhadi (B)	256
Badari (S)	372	Bhadraparni (S)	172
Baelfruit (E)	12	Bhallika (S)	310
Bag bherenda (B, H)	200	Bhang (B, H, S)	72
Bagh noki (B)	227	Bhant (B, H)	93
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Bahupada (S)	160	Bhargi (S)	96
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Baichi (B)	165	Bhaulan (H)	192
Baigum (H)	317	Bhela (B)	310
Baishi (H)	304	Bherenda (B)	299
Bajwaran (B)	153	Bhisatta (S)	285
Bakain (H)	228	Bhiumli (H)	314
Bakli (H)	204	Bhulavanga (S)	201
Balukand	23	Bhumibala (S)	314
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Bandhuka (S)	270	Bhutankusa (S)	112
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Bangab (B)	136	Bhutta (B)	367
Bankapas (B, H)	340	Bichatarka (B)	32
Bankarela (B)	236	Bichati (B)	342
Banlung (B, H)	201	Bichachoti (B)	242
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Banpindalu (H)	167	Bijasar (H)	293
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Boruna (B)	357	Common jujube (E)	372
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Bunokra (B)	345	Dabh (H)	194
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Chickpea (E)	86	Dogtooth grass (E)	121
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Chinese Hibiscus (E)	187	Drek (H)	228
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Chironji (B, H)	60	Dudha Korai (B)	365
Chita (B, H)	282	Dudhi (B)	193
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Eranda (S)	299	Hathajori (H)	227
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