

8. LIST OF PLANTS OF POIVRE ISLAND, AMIRANTES

by S. A. Robertson and F. R. Fosberg

Introduction

A visit was made to Poivre by the first author on the 26 and 27 October 1976, and during these two days as many parts of the two islands (Figure 9) were visited as possible and a plant collection made. 58 specimens were collected and another 26 noted, including crop plants and some garden ornamentals. Two sets were made, one of which was incorporated in the Herbarium of the Ministry of Agriculture, Mahe, Seychelles, and the other lodged with the Herbarium, Royal Botanic Gardens, Kew, U.K. The first author is indebted to the Director, Royal Botanic Gardens, and his staff, in particular Mr S. Renvoize, for verifying the identifications. Noted in the list are those species given as occurring on Poivre by Piggott (1969).

Poivre, named after the famous Pierre Poivre, is part of the Amirantes, 240 km from Mahe, and consists of two islands, Poivre itself (110 ha) and South Island or Ile du Sud (135 ha), with an encircling reef formation. Piggott (1969) gives a good account of the islands as he found them on 26-30 October 1960, with comments on the morphology, soils, ecology and agriculture. Sixteen years later the islands were much as he described them, with the important difference that, the ownership having changed, the agriculture had been greatly improved, with replanting of coconuts, use of fertilisers, more crops being grown, and cattle and pigs kept. There had also been some involvement with tourism.

The first author would like to thank the owners of Poivre, and the managers, Mr F. Huala and Mr A. Bonnelame, for their great assistance and hospitality during the visit.

In the following list families are arranged alphabetically. The names used have been checked by Fosberg and conform to the usage of other papers in this series of papers. Where the names adopted here

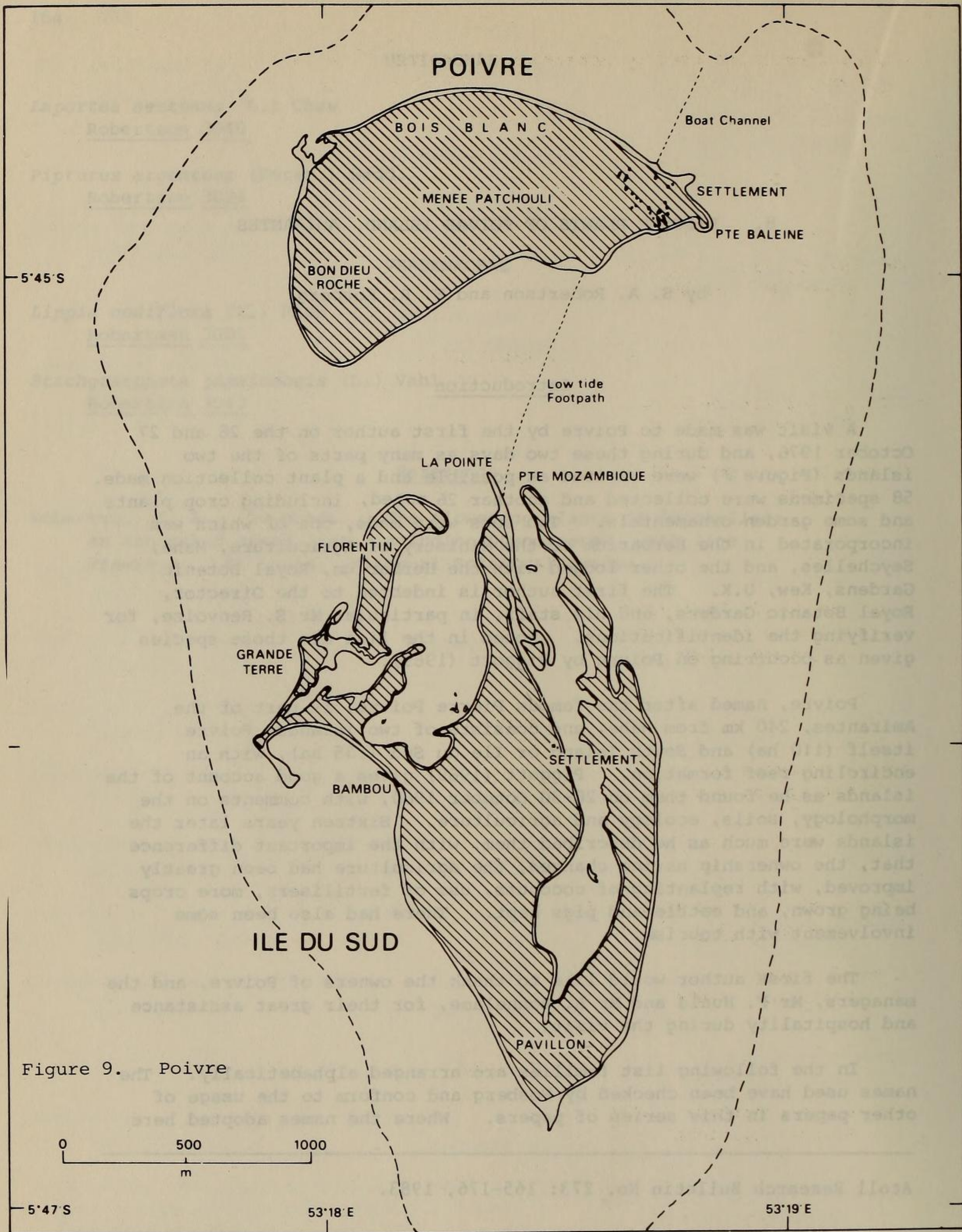


Figure 9. Poivre

differ from those used by Robertson (in press), the latter are given as synonyms.

List of plants

AGAVACEAE

Furcreae foetida (L.) Haw
Robertson, sight

AMARANTHACEAE

Achyranthes aspera L.
Robertson 2344

Amaranthus dubius Thell.
Robertson 2363

ANACARDIACEAE

Spondias dulcis Parkinson
Spondias cytherea Sonn.
Robertson, sight

ANNONACEAE

Annona squamosa L.
Robertson, sight

APOCYNACEAE

Catharanthus roseus (L.) G. Don
Robertson 2335

Plumeria rubra L.
Robertson, sight

ARACEAE

Alocasia macrorrhiza (L.) G. Don ?
Robertson, sight

ARECACEAE (PALMAE)

Cocos nucifera L.
Robertson, sight

BORAGINACEAE

Cordia subcordata Lam.
Robertson, sight

Heliotropium indicum L.
Robertson 2329

Tournefortia argentea L.f.
Piggott, sight; Robertson 2353

CAPPARIDACEAE

Cleome gynandra L.
Robertson 2364

CARICACEAE

Carica papaya L.
Piggott, sight; Robertson, sight

CASUARINACEAE

Casuarina equisetifolia L.
Piggott, sight; Robertson 2384

CLUSIACEAE (GUTTIFERAE)

Calophyllum inophyllum L.
Robertson, sight

COMBRETACEAE

Terminalia catappa L.
Robertson, sight

COMMELINACEAE

Commelina longifolia Lam.
Robertson 2365

COMPOSITAE

Bidens pilosa L.
Robertson 2389

Synedrella nodiflora (L.) Gaertn.
Robertson 2338

Tridax procumbens L.
Robertson 2346

Vernonia cinerea (L.) Less.
Robertson 2374

CONVOLVULACEAE

Ipomoea pes-caprae (L.) R. Br.
Robertson 2341

CRASSULACEAE

Kalanchoe pinnata (Lam.) Pers.
Bryophyllum pinnatum (Pers.) S. Kurz
Robertson 2350

CUCURBITACEAE

Cucurbita moschata (Duch. ex Lam.) Duch ex Poir.
Robertson, sight

Momordica charantia L.
Robertson 2373

CYPERACEAE

Cyperus brevifolius (Rottb.) Hassk.
Kyllinga colorata (L.) Druce
Robertson 2372

Cyperus cristatus (Kunth) Mattf. & Kük.
Kyllinga alba Nees
Robertson 2349

Cyperus dubius Rottb.
Mariscus dubius (Rottb.) Fischer
Robertson 2370

Cyperus ligularis L.
Mariscus ligularis (L.) Urb.
Robertson 2340

Fimbristylis cymosa R. Br.
Robertson 2386

EUPHORBIACEAE

Acalypha indica L.
Robertson 2380

Codiaeum variegatum (L.) Blume
 Robertson, sight

Euphorbia cyathophora Murr.
Robertson 2356

Euphorbia hirta L.
Robertson 2382

Euphorbia prostrata Ait. ?
Robertson 2376

Manihot esculenta Crantz
 Robertson, sight

Pedilanthus tithymaloides (L.) Poit.
 Robertson, sight

Phyllanthus amarus Schum. & Thonn.
Robertson 2345

Phyllanthus maderaspatensis L.
Robertson 2352

FABACEAE (LEGUMINOSAE)

Adenanthera pavonina L.
 Robertson, sight

Albizia lebeck (L.) Benth.
Robertson 2375

Canavalia cathartica Thouars ?
 Robertson, sight

Cassia occidentalis L.
Robertson 2366

Desmodium incanum DC.

Desmodium canum (J.F. Gmel.) Schinz & Thell.

Robertson 2367

Leucaena leucocephala (Lam.) de Wit

Robertson 2330

Pithecellobium unguis-cati (L.) Benth.

Robertson, sight

GOODENIACEAE

Scaevola sericea Vahl

Piggott, sight; Robertson 2334

HERNANDIACEAE

Hernandia sonora L.

Hernandia nymphaeifolia (Presl.) Kubitski

Piggott, sight; Robertson 2383

LAURACEAE

Cassytha filiformis L.

Robertson, sight

LILIACEAE (sensu lato)

Zephyranthes rosea Lindl.

Robertson, sight

LYTHRACEAE

Pemphis acidula Forst.

Piggott, sight; Robertson 2385

MALVACEAE

Gossypium hirsutum L.

Robertson, sight

Sida acuta Burm. f.

Robertson 2361, 2362

Sida pusilla Cav.

Robertson 2354

MORACEAE

Artocarpus altilis (Park.) Fosb.

Robertson, sight

Ficus benghalensis L.

Robertson, sight

MORINGACEAE

Moringa oleifera Lam.

Robertson, sight

MUSACEAE

Musa spp.

Robertson, sight

NYCTAGINACEAE

Bougainvillea spectabilis Willd.

Robertson, sight

PASSIFLORACEAE

Passiflora suberosa L.

Robertson 2381

POACEAE (GRAMINEAE)

Cenchrus echinatus L.

Robertson, sight

Dactyloctenium ctenoides (Steud.) Bosser

Robertson 2331, 2368

Digitaria horizontalis Willd.

Robertson 2371

Eleusine indica (L.) Gaertn.

Robertson 2332, 2360

Eragrostis subaequiglumis Renvoize

Robertson 2379

Eragrostis tenella (L.) P. Beauv.

Robertson 2347

Lepturus repens (G. Forst.) R. Br.

Robertson 2333

Panicum maximum L.

Robertson, sight

Stenotaphrum dimidiatum (L.) Brongn.

Piggott, sight; Robertson 2377

POLYPODIACEAE (sensu lato)

Asplenium nidus L.

Piggott, sight

Nephrolepis biserrata (Swartz) Schott

Robertson 2351

PORTULACACEAE

Portulaca oleracea L.

Robertson 2339

PSILOTACEAE

Psilotum nudum (L.) Beauv.

Robertson 2342

RHIZOPHORACEAE

Rhizophora mucronata Lam.

Robertson 2359 Piggott, sight

RUBIACEAE

Guettarda speciosa L.

Robertson 2357

Morinda citrifolia L.

Robertson 2387

RUTACEAE

Citrus spp.

Robertson, sight

SCROPHULARIACEAE

Striga asiatica (L.) Kuntze
Robertson 2348

SOLANACEAE

Datura metel L.
Robertson 2336

SURIANACEAE

Suriana maritima L.
Robertson 2358

TILLIACEAE

Triumfetta procumbens Forst.f.
Robertson 2388

TURNERACEAE

Turnera ulmifolia L.
Robertson 2355

URTICACEAE

Laportea aestuans (L.) Chew
Robertson 2337

Pilea microphylla (L.) Leibm.
Robertson 2343

VERBENACEAE

Lippia nodiflora (L.) Rich.
Robertson 2378

Stachytarpheta jamaicensis (L.) Vahl
Robertson 2369

References

Piggott, C. J. 1969. *A report on a visit to the Outer Islands of Seychelles between October and November 1960.* Tolworth: Directorate of Overseas Surveys, Land Resources Division, vi, 122 pp.

Robertson, S. A. In press. *The flowering plants of Seychelles: an annotated check list, including Gymnosperms, with line drawings.* St Lous: Missouri Botanical Garden.

by J. A. V. Robertson, S. A. [unclear] and J. A. [unclear]

Introduction

On 28 May 1979 Ian Robertson visited Alphonse to investigate the coconut pest situation, and during this visit made a collection of plants. These were given numbers in Dr. Ian Robertson's series and have been deposited in the Herbarium, Ministry of Agriculture, P.M.O., Seychelles, or in the Herbarium, Royal Botanic Gardens, Kew. The first author would like to thank the owners of Alphonse for permission to collect. Fogberg has been responsible for checking the nomenclature used, which conforms to that of others of this series of papers. Where the names used differ from those given by Robertson (in press), the latter are given as synonyms. Ian Robertson thanks the Director and staff of the Royal Botanic Gardens, Kew, for assistance with the identifications.

Alphonse Island (Figure 10) is a sand cay on the northern rim of an atoll in the southern Seychelles. It has an area of 17.5 ha.

List of plants

ALPHONSE

- Agave salsola* (Poir.) ex Jussieu: Gram. and Fruct. Robertson 2575
- Purpurea foetida* (L.) Sw. Robertson 2581