SUPPLEMENT.

FEDERATED MALAY STATES

WOOD

IN THE

FEDERATED MALAY STATES:

ITS USE, MISUSE, AND FUTURE

PROVISION

BY

G. E. S. CUBITT,

Conservator of Forests, F.M.S. and S.S.

KUALA LUMPUR:

THE FEDERATED MALAY STATES GOVERNMENT PRINTING OFFICE

1923
The Malayan Forest Records are issued by the Forest Department, Federated Malay States, at irregular intervals. No. 1 was issued in 1921, as No. 1 of the Malayan Science Bulletin, a publication which has since been discontinued.

The numbers thus far issued are:

No. 1.—Commercial Woods of the Malay Peninsula.—F. W. Foxworthy, 1921. Price $1 or 2s. 6d.

No. 2.—Minor Forest Products of the Malay Peninsula.—F. W. Foxworthy, 1922. Price $1 or 2s. 6d.

Nos. 1 and 2 are paged consecutively and constitute Volume I.

No. 3.—Commercial Timber Trees of the Malay Peninsula.—F. W. Foxworthy, 1927. Price $5 or 12s.

No. 3 is Volume II.

Publications sent in exchange for Malayan Forest Records, and orders and remittances should be addressed to the Conservator of Forests, F.M.S. and S.S., Kuala Lumpur, Federated Malay States.
12. **Eastern Hills of Kinta District.**—Mountain forest; at present unworkable; lower slopes believed to carry good timber. Awaiting examination.

13. **Raja Hitam Forest Reserve.**—Said to contain good forest. An area of 129,000 acres south of 13 has been excluded from reservation.

14. **South of Kroh Forest Reserve.**—Some 31,000 acres have been explored and are awaiting reservation.

15. **Eastern Hills of Batang Padang District.**—Hill forest containing good timber, with taban on the lower slopes; partially explored and reservation contemplated.

16. **Between Gunong Besout and Erong Reserves and Southwards to Bernam River.**—Explored, and patches of good forest found. It is proposed to extend the Gunong Besout Forest Reserve southwards, adding about 41,000 acres. It is also proposed to reserve what is now known as the Naested Concession together with a belt of forest east of it, aggregating 29,000 acres, and the remainder is available for alienation.

17. **Continuation Southwards of 15.**—The same remarks as are made under 15 apply here.

By far the larger part of the area which it is desired to withhold from alienation is in rugged country where the forest needs protection for physical reasons. With the exception of some of the mountainous regions in the eastern and northern parts of the State, nearly all of it has been examined and reported upon.

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**Appendix A.**—Perak.

I. **Areas examined since 1920.**

<table>
<thead>
<tr>
<th>No.</th>
<th>Area Description</th>
<th>Acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Portion area 4 between Bintang Hijau and Padong Chong Forest Reserve</td>
<td>112,000</td>
</tr>
<tr>
<td>2</td>
<td>Extension to Larut Hills Forest Reserve</td>
<td>6,375</td>
</tr>
<tr>
<td>3</td>
<td>Kurau Mangrove</td>
<td>1,429</td>
</tr>
<tr>
<td>4</td>
<td>Area 5, Portion Papulut Forest Reserve, remainder excluded from reservation</td>
<td>48,000</td>
</tr>
<tr>
<td>5</td>
<td>Portion area 14, proposed extension of Kroh Forest Reserve</td>
<td>31,000</td>
</tr>
<tr>
<td>6</td>
<td>Portion area 16, proposed extension of Besout Forest Reserve</td>
<td>48,000</td>
</tr>
</tbody>
</table>
7. Portion area 16, including the Naested Concession proposed for reservation... 29,000

8. Remainder area 16, excluded from reservation ... ... ... 150,000

9. Areas 15 and 17, partially examined ... 277,000

10. Area south of area 13 known and excluded from reservation ... ... 129,000

Total ... 831,804

II.—Areas reserved or under consideration for reservation since 1920.— Acres.

1. Portion area 4 between Bintang Hijau and Padang Chong Forest Reserve proposals pending ... ... 112,000

2. Extension of Larut Hills Forest Reserve ... ... ... 6,375

3. Kurau Mangrove ... ... ... 1,429

4. Area 5, Papulut Forest Reserve ... 36,000

5. Portion area 14, Kroh extension ... 31,000

6. " " 16, Besout extension ... 48,000

7. " " " including Naested Concession ... ... ... 29,000

8. Areas 15 and 17; proposals pending ... 277,000

Total ... 540,804

III.—Areas excluded from reservation since 1920.— Acres.

1. Portion area 5 ... ... ... 12,000

2. Area south of area 13 ... ... ... 129,000

3. Portion area 16 ... ... ... 150,000

Total ... 291,000
APPENDIX B.

NOTES ON THE FORESTS OF SELANGOR.

(The numbers refer to the blue numbers on the map.)

1. **Kuala Selangor District.**—For the most part a deep wooded swamp, useless at present both for agriculture and sylviculture; entered in several places of recent years with great difficulty. If drained, part should be reserved for the local firewood and timber supply. Alienation now being permitted within 5 miles of the coast.

2. **Ulu Selangor District, West of Bukit Belata Forest Reserve.**—The southern end, amounting to about 1/5 of the area, has been examined and fair forest found; remainder not examined and believed to contain a considerable amount of deep swamp, the drier parts of which should be added to the Bukit Belata Forest Reserve.

3. **Bukit Belata Forest Reserve.**—Believed to be swampy and much below the average quality of reserved forests, but nothing better is available in the neighbourhood.

4. **North-east of Bukit Belata Forest Reserve.**—Mostly occupied by Malay Reservation and not needed by the Forest Department.

5. **North-east Corner of Ulu Selangor District.**—Suggested for reservation for protective purposes.

6. **Between Bukit Kutu and Ulu Gombak Forest Reserves.**—Now the Batang Kali Forest Reserve. Needed both for timber and protective purposes.

7. **Between Ulu Gombak, Gunong Hitam, and Ampang Forest Reserves.**—Now preliminarily notified as a forest reserve for timber production and protective purposes.

8. **Between Gunong Hitam and Sungai Lalang Forest Reserves.**—Now preliminarily notified as a forest reserve for timber production and protective purposes.

9. **State Land, West of Sungai Buloh and North of Bukit Cheraka Forest Reserves.**—Examined and forest found to be of only fair quality. Suggested that the agricultural protective belt might be shortened and the area available for alienation increased by reserving part of this area in exchange for part of the Bukit Cheraka Reserve. Alienation forbidden by the Resident owing to danger of flooding in the Sungai Buloh valley.

10. **Pulau Ketam.**—Explored and found to contain valuable mangrove forest, but proposal for reservation negatived. Forest now threatened with destruction by the Chinese fishermen.
11. **State Land in Kuala Langat District, North of the Telok Datoh and Bangi Road.**—Examined; forest of poor type with a good deal of swamp. Eastern portion suggested for reservation to supply timber and firewood to surrounding agricultural land; the areas immediately south of the Telok Forest Reserve and immediately north of the road available for alienation.

12. **State Land in the South-West of the Ulu Langat District.**—Examined and found unsuitable for reservation.

13. **The Kuala Langat District, South of the Telok Datoh and Bangi Road.**—Examined and suggested for reservation south, west, and immediately north of the Klambu Forest Reserve; remainder available for alienation.

The following notes refer to areas not numbered on the map:

(i) An extension north-eastwards of the Kanching Reserve is suggested for the production of timber and for protective purposes.

(ii) Small extensions to the north and south of the Banjar Reserve and to the north of the Kapar Reserve have been preliminarily notified for reservation to preserve the mangrove and to protect the coast from erosion.

(iii) The State land south of the Sungai Lalang Reserve on the main range of hills is suggested for reservation for protective purposes.

The Forest Department is prepared to consider favourably the revocation of the Telok Reserve, and the non-mangrove-bearing portions of the mangrove reserves, if needed for agriculture (more particularly the production of food crops), for which they are perhaps more suited than for forestry.

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**Appendix B.**—Selangor.

**I. Areas examined since 1920.**

<table>
<thead>
<tr>
<th>Area</th>
<th>Acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>206,000</td>
</tr>
<tr>
<td>2.</td>
<td>13,000</td>
</tr>
<tr>
<td>3.</td>
<td>10,250</td>
</tr>
<tr>
<td>4.</td>
<td>50,000</td>
</tr>
</tbody>
</table>
5. State land between Bukit Tarek and Rantau Panjang Forest Reserve and the railway line; excluded from reservation, known, no report ... 40,000

6. Area south of area 8, no report, known and under consideration for reservation ... ... ... ... 11,500

7. Area 9. Examined and under consideration for reservation ... ... 11,500

8. Area 10. Pulau Ketam; examined, reservation not permitted ... ... 1,070

9. Areas 11, 12 and 13. Examined, portions proposed for reservation, remainder excluded from reservation 127,000

10. Proposed extensions of Ulu Gombak Forest Reserve ... ... ... 5,950

11. Area north-east of Kanching Forest Reserve under consideration for reservation ... ... ... 12,500

12. Proposed extensions of Banjar and Kapar Forest Reserve ... ... ... 3,938

13. Proposed mangrove reserve at Sepang Kechil ... ... ... 1,812

14. Proposed extensions of Bukit Lagong Forest Reserve ... ... ... 1,880

Total ... 496,400

II. —Areas reserved or under consideration for reservation since 1920.— Acres.

1. Portion area 1 under consideration ... 158,600

2. Portion area 2 under consideration ... 13,000

3. Area 5. Under consideration ... 50,000

4. Area south of area 8 along the Negri Sembilan boundary under consideration ... ... ... 11,500

5. Area 9. Under consideration ... 11,500

6. Portion areas 11, 12 and 13 proposed for reservation ... ... 49,000
7. Proposed extensions of Gombak Forest Reserve .... .... .... .... .... 5,950
8. Area north of Kanching Forest Reserve under consideration .... .... 12,500
9. Proposed extensions of Banjar and Kapar Forest Reserve .... .... .... 3,938
10. Proposed Mangrove Reserve at Sepang Ketchil .... .... .... .... 1,812
11. Proposed extensions to Bukit Lagong Forest Reserve .... .... .... .... 1,880

Total .... 319,680

III.—Areas excluded from reservation since 1920. .... Acres.

1. Portion area 1 within 5 miles east of the track from Kuala Selangor to Sabak Bernam .... .... .... 47,400
2. Area 4. Mostly Malay Reservation .... 10,250
3. State land east of Bukit Tarek and Rantau Panjang Forest Reserve .... 40,000
4. Remainder of areas 11, 12 and 13 .... 78,000
5. Area 10, Pulau Ketam. Reservation not allowed .... .... 1,070

Total .... 176,720
APPENDIX C.

NOTES ON THE FORESTS OF NEGRI SEMBILAN.

(The numbers refer to the blue numbers on the map.)

1. NORTH-WEST CORNER OF STATE.—Rough country, believed to be covered with fairly good forest and containing a good deal of bamboo. Not yet explored.

2. BETWEEN TRIANG, BEREMBUN, AND SERTING FOREST RESERVES.—Said to be fairly well forested, but not yet examined.

3. PROPOSED GALLA RESERVE.—Contains good timber in places, but has been heavily worked.

4. PALONG FOREST RESERVE.—A detailed enumeration survey made and a fairly rich forest found, with large amounts of Meranti and Keruing (93,000 acres), final notification 9th March, 1923.

5. STATE LAND BETWEEN THE PALLONG, BAHAU, AND GEMAS FOREST RESERVES.—This has been examined and is now available for alienation (approximately 74,000 acres).

6. WEST OF THE GEMAS AND SOUTH OF THE JELAI RESERVES.—Said to contain very good forest; in demand by rubber planters.

7. BETWEEN THE SENALING AND TAMPIN FOREST RESERVES.—Examined and not required for reservation, but has a protective value and, by order of the Resident, is not to be alienated.

APPENDIX C.—NEGRI SEMBILAN.

I.—Areas examined since 1920.—

<table>
<thead>
<tr>
<th>Description</th>
<th>Acres.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Area 3, proposed Bukit Galla Reserve</td>
<td>12,200</td>
</tr>
<tr>
<td>2. Area 4, Palong Forest Reserve and portion rejected</td>
<td>100,000</td>
</tr>
<tr>
<td>3. Area 5. Examined and excluded from reservation</td>
<td>74,500</td>
</tr>
<tr>
<td>4. Area 7. Bukit Rembau, examined and excluded</td>
<td>12,000</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>198,700</strong></td>
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II.—*Areas reserved or under consideration for reservation since 1920.*

<table>
<thead>
<tr>
<th>Area</th>
<th>Description</th>
<th>Acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Area 3. Proposed Bukit Galla Forest Reserve</td>
<td>12,200</td>
</tr>
<tr>
<td>2</td>
<td>Area 4. Palong Forest Reserve</td>
<td>93,000</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>105,200</td>
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III.—*Areas excluded from reservation since 1920.*

<table>
<thead>
<tr>
<th>Area</th>
<th>Description</th>
<th>Acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Portion area 4</td>
<td>7,000</td>
</tr>
<tr>
<td>2</td>
<td>Area 5</td>
<td>74,500</td>
</tr>
<tr>
<td>4</td>
<td>&quot; 7</td>
<td>12,000</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>93,500</td>
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