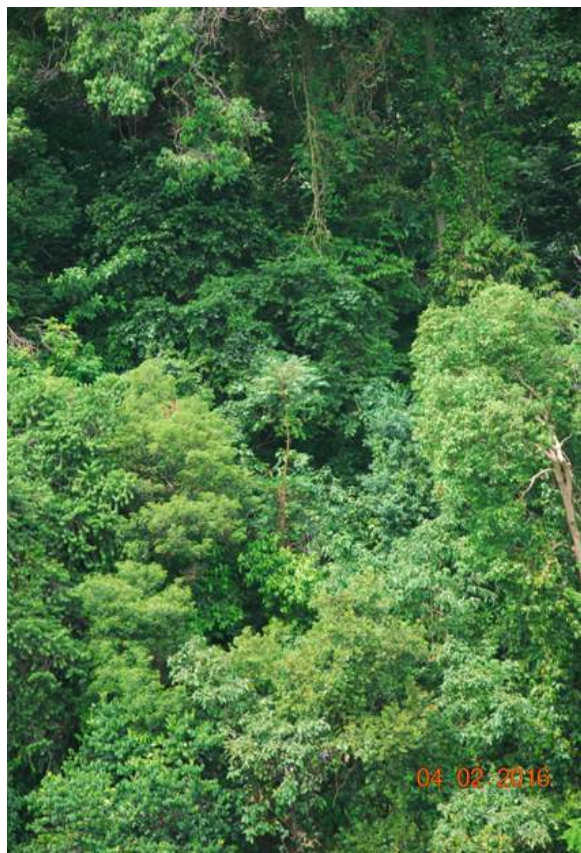
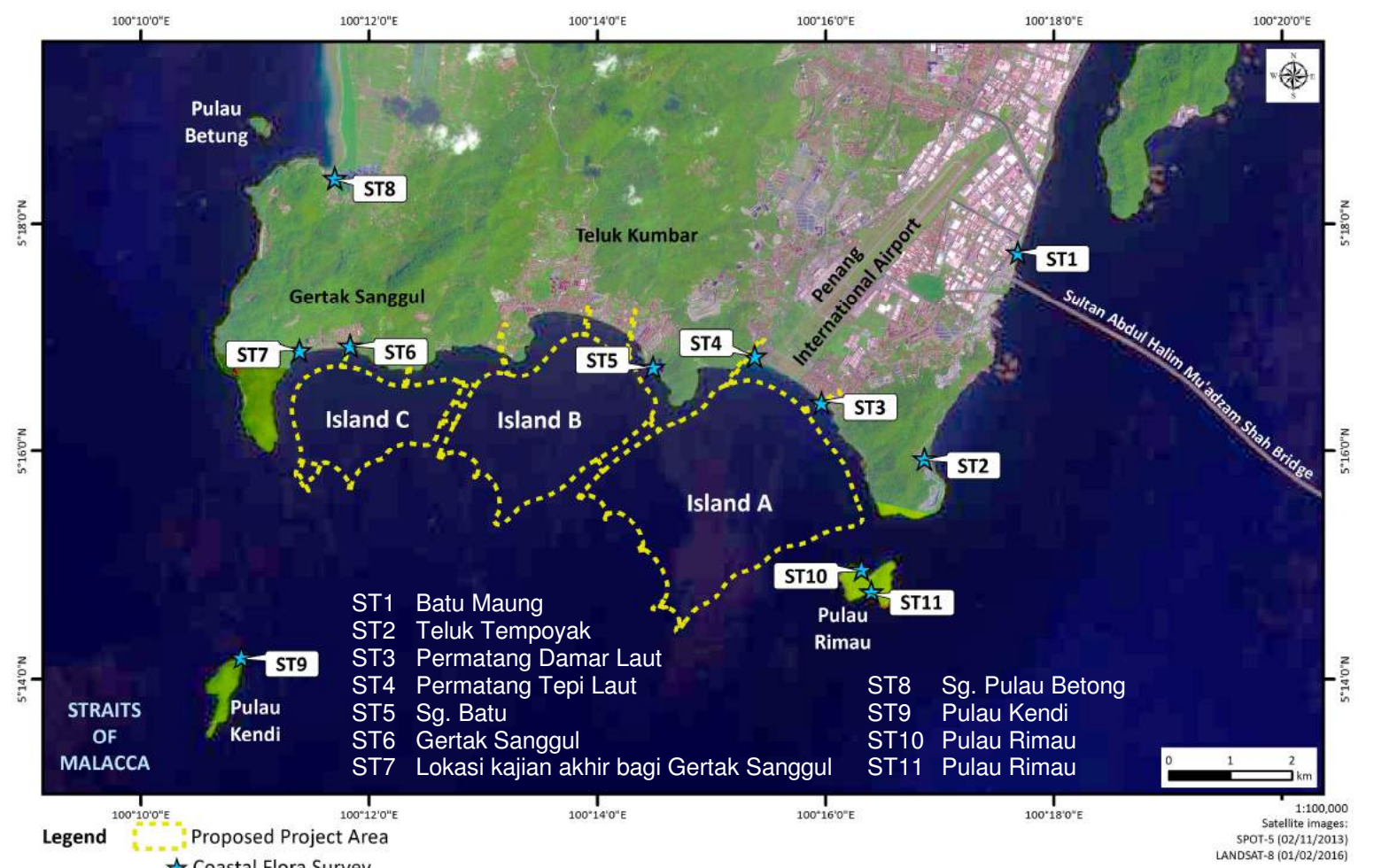


FLORA & FAUNA

PROJEK TAMBAKAN LAUT BAHAGIAN SELATAN PULAU PINANG

Flora di Persisiran Pantai dan Sungai

- Kawasan kajian: Di sepanjang pantai selatan Pulau Pinang iaitu dari Batu Maung di bahagian timur Pulau Pinang sehingga ke Sungai Pulau Betung di Balik Pulau. Kajian juga dijalankan di Pulau Rimau dan Pulau Kendi
- Hasil kajian:
 - Sejumlah 121 spesies tumbuhan daripada 61 famili telah direkodkan
 - Semua spesis tumbuhan yang direkodkan adalah yang biasanya ditemui di kawasan pantai, sungai dan bakau
 - Berdasarkan *IUCN Red List Categories and Criteria*, tiada spesis bakau yang berkepentingan dan jarang ditemui direkodkan



Eurycoma longifolia di Pulau Kendi



Bruguiera gymnorhiza di Sg. Pulau Betung



Guettarda speciosa di Pulau Rimau



Colubrina asiatica di Batu Maung



Cordia subcordata di Batu Maung



Ipomoea cairica di Sg. Teluk Kumbar

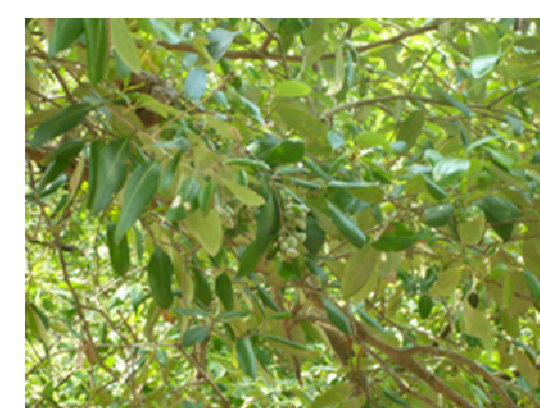
Lokasi	Kekayaan Spesis
Pulau Rimau	57
Sg. Batu hingga Gertak Sanggul	41
Teluk Tempoyak	39
Sg. Pulau Betung	33
Sg. Gemuruh	3
Sg. Gertak Sanggul	7

Bakau

- Lokasi kajian:

Transek (T)/Pemerhatian (O)	Lokasi
T1 - T2	Teluk Tempoyak Kecil
T3 - T4	Teluk Tempoyak Besar
T5 - T6	Permatang Tepi Laut
O1	Bayan Lepas <i>Main Drain</i>
O2	Sg. Batu
O3	Teluk Kumbar
O4	Gertak Sanggul
- Hasil kajian:
 - Kumpulan dominan adalah dari famili Rhizophoraceae (6 spesis)
 - Bakau terdapat di: Teluk Tempoyak Kecil, Teluk Tempoyak Besar, Sg. Bayan Lepas, Sg. Batu and Sg. Teluk Kumbar
 - Pokok: DBH = 4 - 250 cm; Tinggi = 4.5 - 35 m
 - Anak pokok: DBH = 4 - 250 cm; Tinggi = 4.5 - 35 m

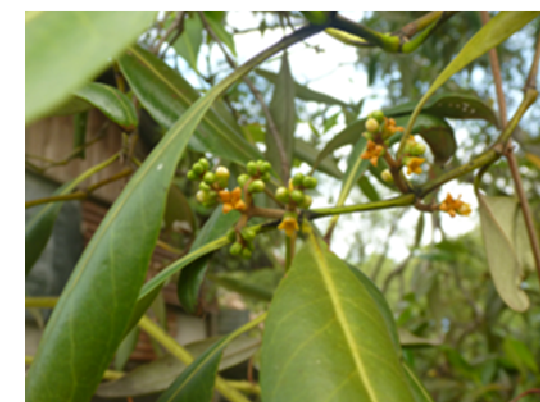
Nota: DBH = diameter paras dada



Avicennia alba



Bruguiera cylindrica



Avicennia officinalis



Sonneratia alba



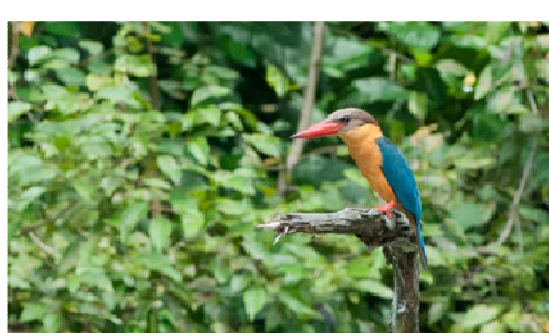
Penentuan 50 m garis transek



Penandaan kuadrat 10 m x 10 m melawan garis transek



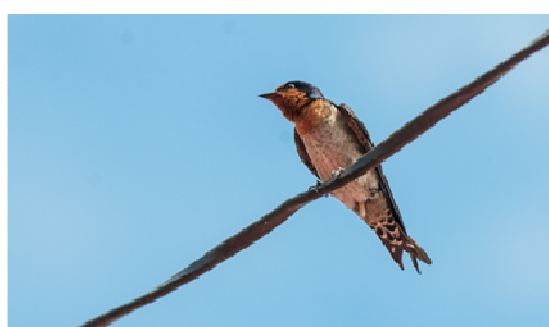
Pengukuran saiz lilit bakau



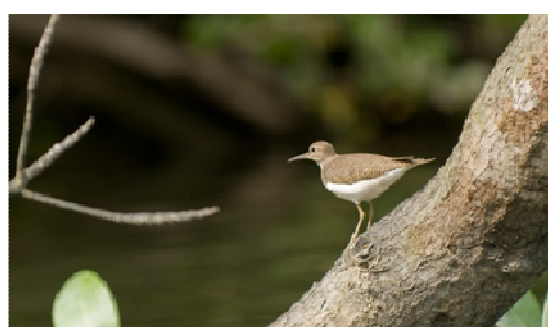
Stork-billed Kingfisher



Eurasian Tree Sparrow



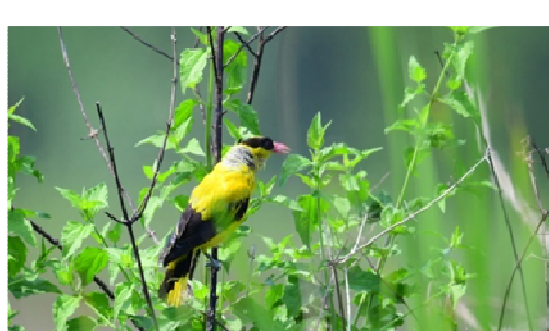
Pacific Swallow



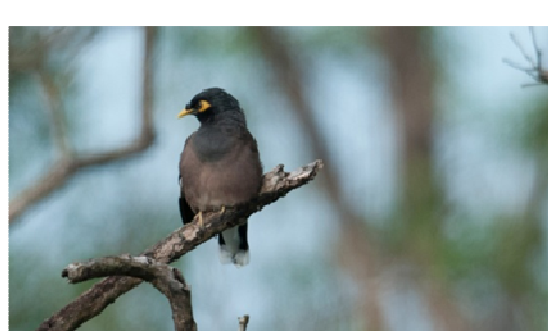
Common Sandpiper

Avifauna

- Kawasan kajian: Teluk Kumbar, Bukit Maung, Permatang Damar Laut, Permatang Tepi Laut, Pulau Rimau, Pulau Kendi, Gertak Sanggul, Kg. Nelayan, Sg. Betung dan Balik Pulau
- Hasil kajian: Berdasarkan *IUCN Red List of Threatened Species, 2007*, avifauna yang direkodkan dikategorikan sebagai *Least Concerned (LC)*



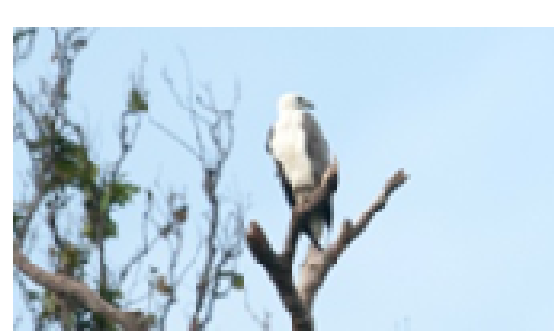
Black-naped Oriole



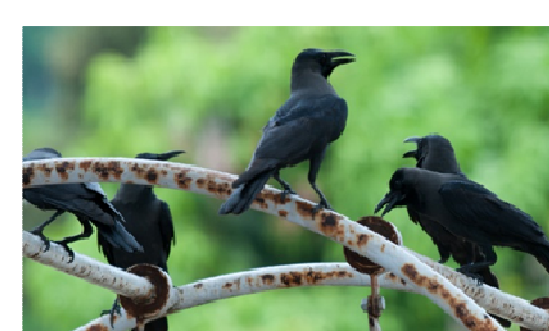
Common Myna



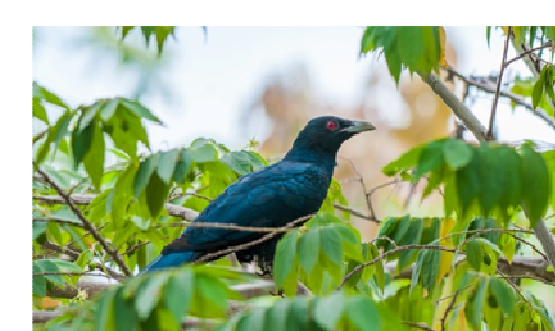
Peaceful Dove



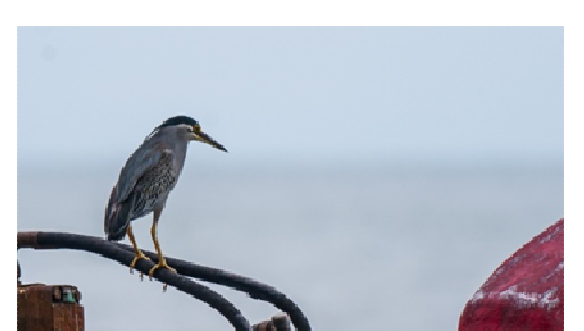
Brahminy Kite



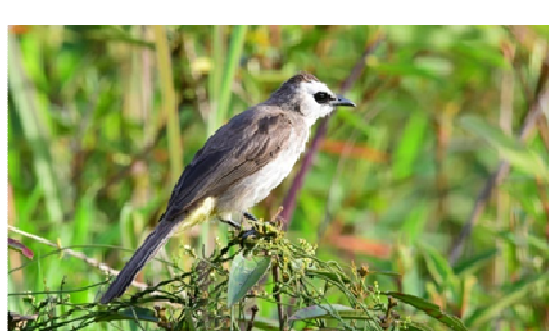
House Crow



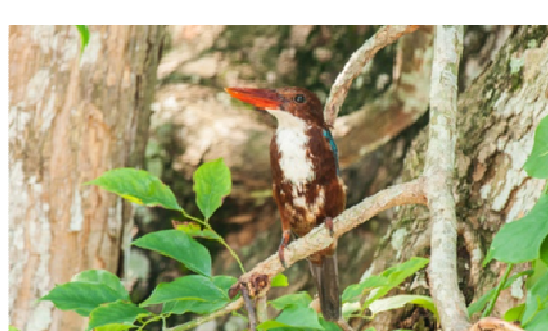
Asian Koel



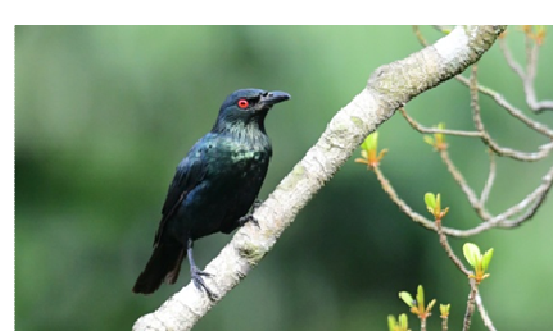
Little Heron



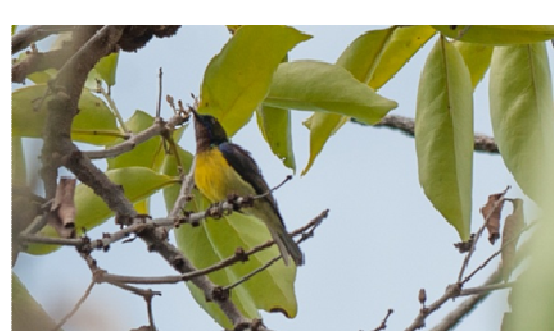
Yellow-vented Bulbul



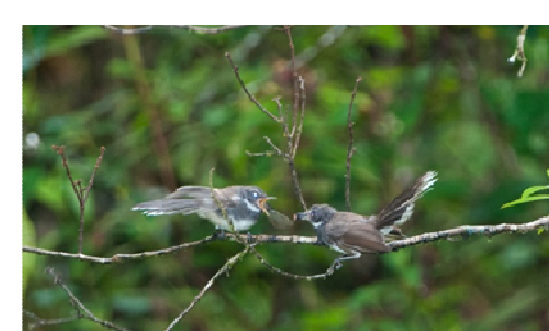
White-throated Kingfisher



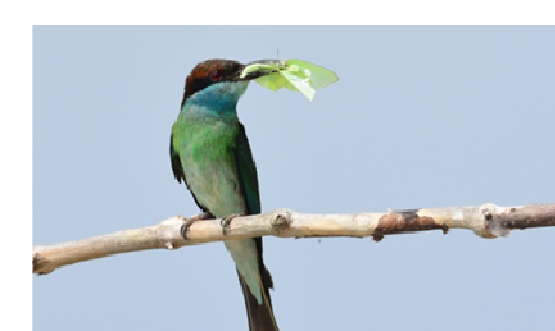
Philippine Glossy Starling



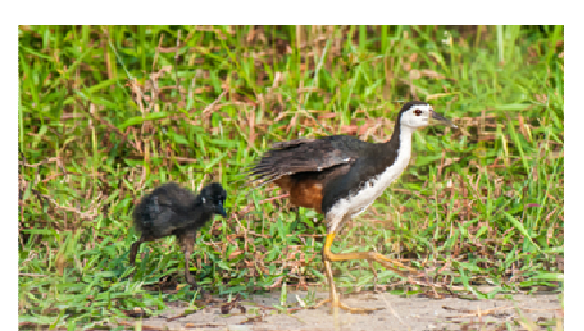
Brown-throated Sunbird



Malaysian Pied Fantail



Blue-throated Bee-eater



White-breasted Waterhen