Working Paper: WP/CMPB/1/2014

## COUNTRY AND MARINE PARKS BOARD

Proposal to Designate Country Park Enclaves of Fan Kei Tok, Sai Lau Kong and the Site near Nam Shan as Part of Country Parks

## 1. Purpose

This paper aims to seek Members' views on the proposal to designate country park enclaves of Fan Kei Tok, Sai Lau Kong and the site near Nam Shan as part of country parks.

# 2. Background

- 2.1 Following the Sai Wan case in July 2010, there have been increased public concerns over the protection of country park enclaves against incompatible use. In the 2010-11 policy address, Government undertook to either include the 54 enclaves which had yet to be covered by Outline Zoning Plans (OZP) into country parks, or determine their proper uses through statutory planning, so as to meet the conservation and social development needs. At present, 24 of these enclaves are either covered by Development Permission Area (DPA) Plans or draft OZP while three enclaves, namely, Sai Wan, Kam Shan and Yuen Tun, have been incorporated into respective country parks with effect from 30 December 2013.
- 2.2 In the course of country park designation of Sai Wan, Heung Yee Kuk (HYK) and the rural sectors have consistently expressed very strong opposition to the incorporation of private land and village environs into country parks. Besides, a villager of Sai Wan has applied for leave to proceed with a judicial review on Chief Executive in Council's (CE in C) decision to approve the draft map of the Sai Kung East Country Park into which Sai Wan have been incorporated hence a lawsuit is pending.
- Against this background and the uncertainty with the designation of other enclaves comprising private land and village environs as part of country parks, we consider that it is more important to demonstrate to the HYK and the rural sectors the benefits villagers and private land owners could gain after the private lands are incorporated into country park, Sai Wan being a case in point. To avoid further disputes and opposition before a clear court ruling, we would therefore suggest proceeding now with those enclaves which have no private land and no village environs while we would engage the villagers to work out a suitable management plan for Sai Wan.

2.4 In view of the above, we have conducted assessments on the suitability of incorporating three enclaves with no private land and no village environ at Fan Kei Tok, Sai Lau Kong and the site near Nam Shan into country parks in accordance with the revised set of principles and criteria for designation of new country parks or extending country parks endorsed by the Country and Marine Parks Board (CMPB) at the meeting in May 2011 (see CMPB paper WP/CMPB/6/2011). Maps showing their locations are at **Annex 1a** and **1b**.

# 3. Assessment on the Suitability for Designation of the Country Park Enclaves of Fan Kei Tok, Sai Lau Kong and the Site near Nam Shan as Part of Country Parks

- 3.1 The assessments on the suitability of incorporating Fan Kei Tok, Sai Lau Kong and the site near Nam Shan into respective country parks have followed the revised principles and criteria endorsed by the Country and Marine Parks Board in May 2011 which include conservation value, landscape and aesthetic value, recreation potential, size, proximity to existing country parks, land status and land use compatibility. Besides, land use compatibility will be assessed to determine whether a site of good intrinsic value should be protected by either country park designation or coverage by statutory town plans.
- In accordance with the above-mentioned principles and criteria, we have completed the assessments on the suitability of incorporation of the enclaves at Fan Kei Tok, Sai Lau Kong and the site near Nam Shan into country parks. Details of the assessments are set out at **Annexes 2 to 4**. In summary, these three enclaves have good overall intrinsic values. Forming parts of secondary woodland with high floristic diversity and the Wu Kau Tang Country Trail, Fan Kei Tok is rated high in all intrinsic criteria. As a small but active fishing village, Sai Lau Kong blends in well with and links up the surrounding country park and marine park areas. The site near Nam Shan comprises largely secondary woodland and a small rural settlement. Besides, Fan Kei Tok has good recreation potential. These three enclaves are rural and peaceful and are considered compatible with the surrounding country park areas.
- 3.3 Based on the assessment results, we consider that all the three enclaves are suitable for designation as part of country parks. It is therefore recommended to incorporate Fan Kei Tok and Sai Lau Kong into the Plover Cove Country Park and the site near Nam Shan into the Lantau South Country Park.

# 4. Procedures for Country Parks Designation

4.1 Incorporation of these three country park enclaves into the respective country parks will involve statutory procedures under the Country Parks Ordinance that require replacing the approved maps of the concerned country parks. Subject to the

views of the CMPB and any other opinions collected, the Country and Marine Parks Authority (the Authority) may seek the direction of the CE in C for the replacement of each approved map by a new draft map with a view to incorporating the enclaves into the concerned country parks.

- 4.2 The new draft map of each concerned country park will be prepared for public inspection for a period of 60 days. Any person aggrieved by the draft map may send a written statement of objection to the Authority and to the Secretary of the CMPB during the inspection period. The CMPB will meet for the hearing of the objections, and decide to reject the objection in whole or in part; or to direct the Authority to make amendments to the draft maps to meet such objection in whole or in part. After the objection hearing, the Authority shall submit the draft maps together with a schedule of objections and representations to the CE in C for approval. After the new approved maps are signed by the Authority and deposited in the Land Registry, a designation order to amend the Country Parks (Designation) (Consolidation) Order (Cap. 208 sub. leg. B) to replace the original approved maps with the new approved maps, for the purpose of incorporating the enclaves of Fan Kei Tok, Sai Lau Kong and the site near Nam Shan into the concerned country parks will be prepared for negative vetting at the Legislative Council.
- 4.3 We will arrange prior consultation with the relevant stakeholders of these three enclaves (including relevant District Councils, local residents, rural committees, etc. where applicable) before invoking the statutory procedure mentioned in the aforesaid paragraphs. Particular attention will be given to the residents, Government land licence holders/Short Term Tenancy holders in Sai Lau Kong, which is a non-indigenous village, and the site near Nam Shan. Afterwards, we will report to the CMPB on the consultation results and seek its endorsement to invoke the statutory procedure for incorporating the three enclaves into the respective country parks.

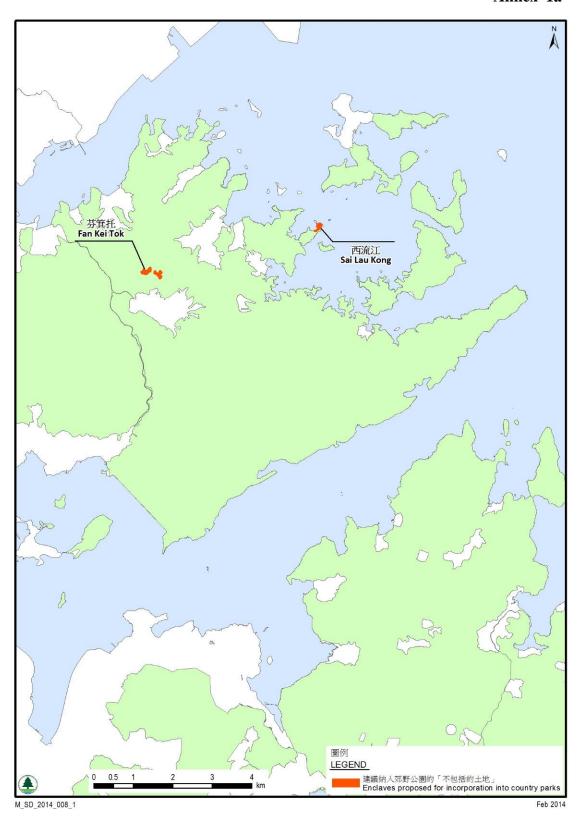
# 5. Advice sought

Members are invited to offer views on the proposal to incorporate the country park enclaves of Fan Kei Tok and Sai Lau Kong into the Plover Cove Country Park and the site near Nam Shan into the Lantau South Country Park.

Country and Marine Parks Authority
Agriculture, Fisheries and Conservation Department
February 2014

File Ref: CPA02/9/0

# Annex 1a



# Annex 1b



M\_SD\_2014\_008\_2

# Assessment of the Suitability to Incorporate the Country Park Enclave in Fan Kei Tok into the Plover Cove Country Park

#### 1. The Site

- 1.1 Fan Kei Tok is an inland enclave located in the Plover Cove Country Park and to the north of the Wu Kau Tang area. It is situated upland at an altitude of about 300 meters. The boundary of the enclave is shown in **Figure 1**.
- 1.2 The enclave comprises two parcels and is about 4.6 ha in total size. It is entirely on government land with a few ruins which appear to have been abandoned for years. The western parcel is traversed by the Wu Kau Tang Country Trail while the eastern parcel is not connected to existing footpath. The enclave is about 1.5 km away from Bride's Pool Road which is the nearest access to public transport.
- 1.3 The enclave is generally rural and calm. It is largely covered by secondary woodland and is mostly visited by hikers.

# 2. Assessment Principles and Criteria

The assessment on the suitability of incorporating Fan Kei Tok into the Plover Cove Country Park has followed the revised principles and criteria endorsed by the Country and Marine Parks Board in May 2011 which include conservation value, landscape and aesthetic value, recreation potential, size, proximity to existing country parks, land status and existing land use. Besides, land use compatibility will be assessed to determine whether a site of good intrinsic value should be protected by either country park designation or coverage by statutory town plans.

## 3. Intrinsic Criteria

# 3.1 Conservation value

# General Description

3.1.1 Fan Kei Tok is largely covered by secondary woodland which is continuous

to the surrounding country park area. A habitat map and an aerial photo of the site are shown in **Figure 2** and **3** respectively. A list of recorded flora and fauna species with their conservation status is in **Appendix 1**.

- 3.1.2 Secondary woodland makes up the major habitat in both parcels. A high diversity of over 100 native plant species has been recorded. Dominant tree species consists of *Schefflera heptaphylla*, various *Machilus* species and *Symplocos glauca*. 2 species of conservation concern, namely *Aquilaria sinensis* and *Cibotium barometz* have been recorded though both are not uncommon in Hong Kong.
- 3.1.3 The fauna species recorded in the enclave are mostly common in Hong Kong. Nevertheless, the enclave has a relatively higher diversity of butterfly including 5 locally rare to very rare species.

## Assessment

3.1.4 The conservation value of an enclave is determined by a number of criteria, namely species diversity, degree of naturalness, rarity, fragility, representativeness, position in an ecological or geographical unit, intrinsic appeal, historical records and potential value. Detailed assessment on the conservation of the enclave is set out in **Table 1**:

Table 1

Criteria	Assessment					
Species diversity	The secondary woodland in the site supports over 100					
	native plant species and a relatively higher species divers					
	of butterfly.					
	Butterflies: 58 (25%)					
	Dragonflies: 2 (2%)					
	Bird: 68 (13%)					
	Mammals: 7 (13%)					
	(the percentage behind the species number indicates local					
	representativeness)					
Degree of naturalness	The mixed woodland has a high degree of naturalness.					
Rarity	Flora species of conservation concerns:					
	Aquilaria sinensis and Cibotium barometz (scheduled)					
	plant of Cap. 586).					

	Fauna species of conservation concerns:				
	Butterfly: Abraximorpha davidii, Sinthusa chandrana and Tajuria cippus (AFCD status: locally rare); Creon cleobis and Pratapa deva (AFCD status: locally very rare)  Dragonfly: Fukienogomphus choifongae (AFCD status locally rare)  Mammal: Herpestes urva (AFCD status: locally rare)				
Fragility	The secondary woodland has lower fragility to environmental changes.				
Representativeness	The secondary woodland is well preserved.				
Intrinsic appeal	The secondary woodland has high intrinsic appeal.				
Historical records	There is no historical or archaeological record in the enclave.				
Position in an ecological or geographical unit	The secondary woodland is continuous to the surrounding country park area.				
Potential value	The potential of the enclave for the improvement of conservation value is limited given the existing woodland coverage and the predominant native species composition.				

# Conclusion

3.1.5 According to the assessment, the enclave is covered by secondary woodland which comprises over 100 native species. Though the fauna species recorded in the enclave are mostly common in Hong Kong, it does support a relatively higher species diversity of butterflies. The overall conservation value of the enclave is rated as **high**. The absence of private land and limited human activities in the enclave will help preserve the conservation value of the enclave.

# 3.2 <u>Landscape and Aesthetic value</u>

# General Description

3.2.1 The enclave is an inland area located in the Plover Cove Country Park. It is covered by extensive secondary woodland which is indistinguishable from the surrounding country park area. The enclave is generally rural and calm. It is accessible by hiking from Wu Kau Tang or Luk Keng via the Wu Kau Tang Country Trail. There are dilapidated houses which appear to have been abandoned many years ago.

# Assessment

3.2.2 The landscape and aesthetic value of an area is qualitatively assessed by the following criteria: degree of naturalness, scenic quality, the integrity, completeness and uniqueness of the topography, presence of distinctive and representative features of visual interest, effect of urban development and presence of eyesores. Assessment of landscape and aesthetic value of the site is shown in **Table 2** below:

Table 2

Criteria	Assessment
Degree of naturalness	The site is generally natural in setting and is not subject to any irregularity.
Scenic quality	The enclave has high scenic quality for its delightful greenery.
The integrity, completeness and	Though the enclave comprises two parcels, it is indistinguishable from the surrounding country park.
uniqueness of the topography	
Presence of	The scenic quality of the secondary woodland landscape in
distinctive and	the site is of visual interest to hikers.
representative	
features of visual	
interest	
Effect of urban	No new development is found inside the enclave.
development and	

C	
presence of eyesores	
presence or eyesores	
, ,	

## Conclusion

3.2.3 The enclave is extensively covered by secondary woodland. The area is not under development threat and there is no irregularity detected on site. In this connection, the overall landscape and aesthetic value of the enclave is considered to be **high**.

# 3.3 <u>Recreation Potential</u>

# General description

3.3.1 The western parcel of the enclave could be accessed through Wu Kau Tang Country Trail from Wu Kau Tang, Bride's Pool Road or Luk Keng. An AFCD's viewing point and fire lookout are adjacent to the enclave. Barbecue sites are also present at the end of the Wu Kau Tang Country Trail. Hiking and nature appreciation are the major recreation uses in the enclave.

#### Assessment

3.3.2 The recreation potential of an area for country park designation is qualitatively assessed by the following criteria: attractiveness and comfort, compatibility of existing recreation activities, range of potential user groups, accessibility, carrying capacity and relation with surrounding recreation sites. Assessment of recreation potential of the site is shown in **Table 3** below:

Table 3

Criteria	Assessment
Attractiveness and	The enclave has calm and beautiful scenery.
comfort	
Compatibility of	Hiking and nature appreciation are compatible with country
existing recreation	park objectives.
activities	
Range of potential	The enclave is mainly used by hikers.
user groups	
Accessibility	The western parcel of the enclave can be accessible by the
	Wu Kau Tang Country Trail. It is about 1.5 km away from
	Bride's Pool Road which is the nearest access to public
	transport.

Carrying capacity	While the enclave does not have a large open area, it can accommodate a large number of hikers which will only stop by the enclave temporarily.
Relation with	An AFCD's viewing point and barbecue site are present in
surrounding	the vicinity of the enclave.
recreation sites	

#### Conclusion

3.3.3 The enclave is mainly used for hiking and nature appreciation which are compatible with the country park objectives. Designation of the enclave will include the entire section of the Wu Kau Tang Country Trail into the Plover Cove Country Park and facilitate the overall management of the trail. In this connection, the recreation potential of the enclave is rated as **high**. Additional facilities for passive recreation can be provided after the incorporation where appropriate.

# 4. Demarcation Criteria

# Size and Proximity to existing country parks

4.1 The enclave has a total area of 4.6 ha. It is enclosed by the Plover Cove Country Park.

# Land status and land use compatibility

4.2 The enclave is entirely on government land with a few ruins which appear to have been abandoned for years. A plan showing the private land distribution around the enclave is at **Figure 4**. The enclave is extensively covered by secondary woodland and is mainly used by hikers. The major land uses of the enclave are compatible with the surrounding country park area.

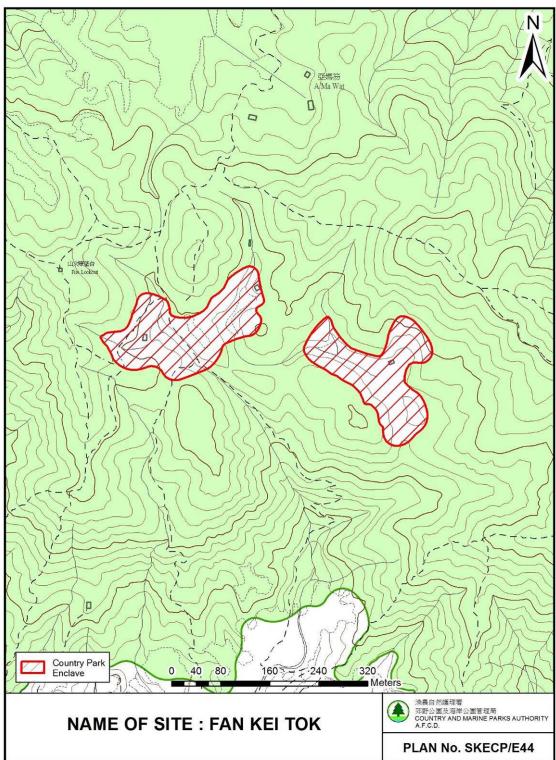
# 5. Recommendation

As far as the intrinsic criteria are concerned, the enclave is rated high in conservation value, landscape and aesthetic value and recreation potential. The enclave is mainly used for hiking which is compatible with the surrounding country park area. The enclave is entirely on government land and the existing uses for passive recreation are compatible with the surrounding country park area.

Designation of the enclave will improve the integrity and completeness of the Plover Cove Country Park and the Wu Kau Tang Country Trail and facilitate their managements. Additional facilities for passive recreation can be provided after the incorporation where appropriate. Based on the assessment results, the enclave is recommended to be incorporated into the Plover Cove Country Park.

**END** 

Figure 1/Annex 2



Plan No. M\_SD\_2014\_006\_E44\_1

Figure 2/Annex 2

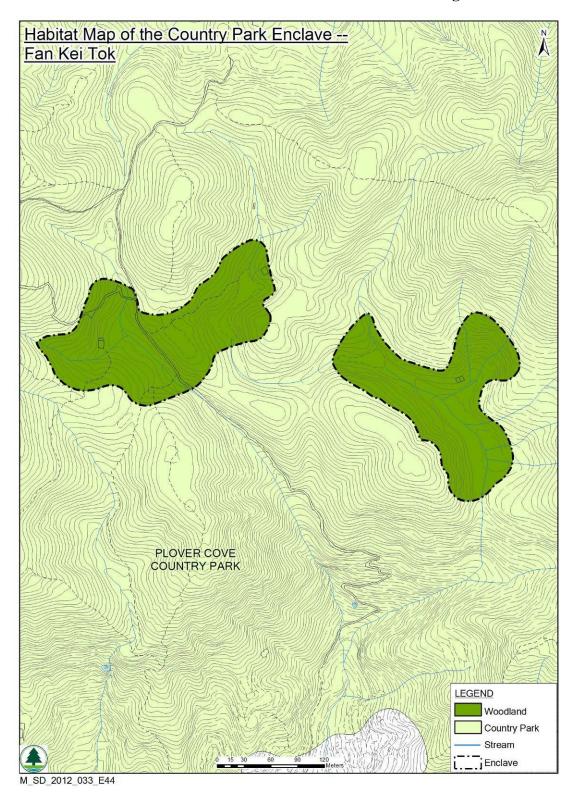
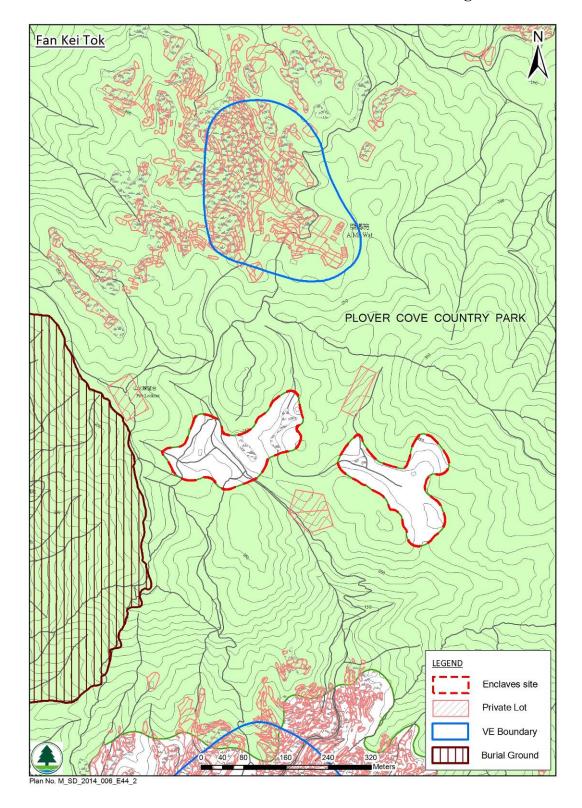


Figure 3/Annex 2



Figure 4/Annex 2



# Summary of Species Records [from AFCD & HKU Biodiversity Data]

Taxa Group		No. of Species*
BIRDS		68
BUTTERFLIES		58
DRAGONFLIES		2
MAMMALS		7
	Total:	135

<sup>\*</sup>Animals identified to genus level, if any, are included in the species count

# Details of Species Records [Show only Taxa Group(s) required by User]

# **BIRDS**

Scientific Name	Common Name	Chinese Name	HK Protection	IUCN	China Red Data Book	Fellowes 2002	AFCD Status
Accipiter trivirgatus	Crested Goshawk	鳳頭鷹	Cap. 170 Wild Animal Protection Ordinance		Rare		
			Cap. 586 Protection of Endangered Species of Animals and Plants Ordinance		Rare		
Accipiter virgatus	Besra	松雀鷹	Cap. 170 Wild Animal Protection Ordinance				

Accipiter virgatus	Besra	松雀鷹	Cap. 586 Protection of Endangered Species of Animals and Plants Ordinance			
Aethopyga christinae	Fork-tailed Sunbird	叉尾太陽鳥	Cap. 170 Wild Animal Protection Ordinance			
Anthus hodgsoni	Olive-backed Pipit	樹鷚	Cap. 170 Wild Animal Protection Ordinance			
Apus nipalensis	House Swift	小白腰雨燕	Cap. 170 Wild Animal Protection Ordinance			
Brachypteryx leucophris	Lesser Shortwing	白喉短翅鶇	Cap. 170 Wild Animal Protection Ordinance		Local Concern	
Centropus bengalensis	Lesser Coucal	小鴉鵑	Cap. 170 Wild Animal Protection Ordinance	Vulnerable		
Centropus sinensis	Greater Coucal	褐翅鴉鵑	Cap. 170 Wild Animal Protection Ordinance	Vulnerable		
Chalcophaps indica	Common Emerald Dove	綠翅金鳩	Cap. 170 Wild Animal Protection Ordinance	Vulnerable		
Clamator coromandus	Chestnut-winged Cuckoo	紅翅鳳頭鵑	Cap. 170 Wild Animal Protection Ordinance			
Copsychus saularis	Oriental Magpie Robin	鵲鴝	Cap. 170 Wild Animal Protection Ordinance			
Corvus macrorhynchos	Large-billed Crow	大嘴烏鴉	Cap. 170 Wild Animal Protection Ordinance			

Cuculus micropterus	Indian Cuckoo	四聲杜鵑	Cap. 170 Wild Animal Protection Ordinance	
Cyanoptila cyanomelana	Blue-and-white Flycatcher	白腹姬鶲	Cap. 170 Wild Animal Protection Ordinance	
Cyornis hainanus	Hainan Blue Flycatcher	海南藍仙鶲	Cap. 170 Wild Animal Protection Ordinance	
Dendrocitta formosae	Grey Treepie	灰樹鵲	Cap. 170 Wild Animal Protection Ordinance	Local Concern
Dicaeum cruentatum	Scarlet-backed Flowerpecker	朱背啄花鳥	Cap. 170 Wild Animal Protection Ordinance	
Dicaeum ignipectus	Fire-breasted Flowerpecker	紅胸啄花鳥	Cap. 170 Wild Animal Protection Ordinance	
Dicrurus hottentottus	Hair-crested Drongo	髮冠卷尾	Cap. 170 Wild Animal Protection Ordinance	
Dicrurus leucophaeus	Ashy Drongo	灰卷尾	Cap. 170 Wild Animal Protection Ordinance	Local Concern
Dicrurus macrocercus	Black Drongo	黑卷尾	Cap. 170 Wild Animal Protection Ordinance	
Emberiza rutila	Chestnut Bunting	栗鵐	Cap. 170 Wild Animal Protection Ordinance	
Emberiza spodocephala	Black-faced Bunting	灰頭鵐	Cap. 170 Wild Animal Protection Ordinance	
Emberiza tristrami	Tristram's Bunting	白眉鵐	Cap. 170 Wild Animal Protection Ordinance	

Erpornis zantholeuca	White-bellied Erpornis	白腹鳳鶥	Cap. 170 Wild Animal Protection Ordinance	Local Concern
Francolinus pintadeanus	Chinese Francolin	鷓鴣	Cap. 170 Wild Animal Protection Ordinance	
Garrulax canorus	Chinese Hwamei	畫眉	Cap. 170 Wild Animal Protection Ordinance	
			Cap. 586 Protection of Endangered Species of Animals and Plants Ordinance	
Garrulax pectoralis	Greater Necklaced Laughingthrush	黑領噪鶥	Cap. 170 Wild Animal Protection Ordinance	
Garrulax perspicillatus	Masked Laughingthrush	黑臉噪鶥	Cap. 170 Wild Animal Protection Ordinance	
Hemixos castanonotus	Chestnut Bulbul	栗背短腳鵯	Cap. 170 Wild Animal Protection Ordinance	
Hierococcyx sparverioides	Large Hawk Cuckoo	鷹鵙	Cap. 170 Wild Animal Protection Ordinance	
Hirundo rustica	Barn Swallow	家燕	Cap. 170 Wild Animal Protection Ordinance	
Horornis borealis	Manchurian Bush Warbler	遠東樹鶯	Cap. 170 Wild Animal Protection Ordinance	
Horornis fortipes	Brown-flanked Bush Warbler	強腳樹鶯	Cap. 170 Wild Animal Protection Ordinance	

Hypsipetes leucocephalus	Black Bulbul	黑短腳鵯	Cap. 170 Wild Animal Protection Ordinance	
Lanius schach	Long-tailed Shrike	棕背伯勞	Cap. 170 Wild Animal Protection Ordinance	
Luscinia calliope	Siberian Rubythroat	紅喉歌鴝	Cap. 170 Wild Animal Protection Ordinance	
Milvus migrans	Black Kite	黑鳶	Cap. 170 Wild Animal Protection Ordinance	Regional Concern
			Cap. 586 Protection of Endangered Species of Animals and Plants Ordinance	Regional Concern
Minla cyanouroptera	Blue-winged Minla	藍翅希鶥	Cap. 170 Wild Animal Protection Ordinance	
Motacilla cinerea	Grey Wagtail	灰鶺鴒	Cap. 170 Wild Animal Protection Ordinance	
Myophonus caeruleus	Blue Whistling Thrush	紫嘯鶇	Cap. 170 Wild Animal Protection Ordinance	
Orthotomus sutorius	Common Tailorbird	長尾縫葉鶯	Cap. 170 Wild Animal Protection Ordinance	
Parus cinereus	Cinereous Tit	蒼背山雀	Cap. 170 Wild Animal Protection Ordinance	
Passer montanus	Eurasian Tree Sparrow	樹麻雀	Cap. 170 Wild Animal Protection Ordinance	

Pericrocotus solaris	Grey-chinned Minivet	灰喉山椒鳥	Cap. 170 Wild Animal Protection Ordinance	Local Concern
Pericrocotus speciosus	Scarlet Minivet	赤紅山椒鳥	Cap. 170 Wild Animal Protection Ordinance	
Phoenicurus auroreus	Daurian Redstart	北紅尾鴝	Cap. 170 Wild Animal Protection Ordinance	
Phylloscopus borealis	Arctic Warbler	極北柳鶯	Cap. 170 Wild Animal Protection Ordinance	
Phylloscopus fuscatus	Dusky Warbler	褐柳鶯	Cap. 170 Wild Animal Protection Ordinance	
Phylloscopus goodsoni	Goodson's Leaf Warbler	冠紋柳鶯	Cap. 170 Wild Animal Protection Ordinance	Local Concern
Phylloscopus inornatus	Yellow-browed Warbler	黄眉柳鶯	Cap. 170 Wild Animal Protection Ordinance	
Phylloscopus proregulus	Pallas's Leaf Warbler	黃腰柳鶯	Cap. 170 Wild Animal Protection Ordinance	
Phylloscopus tenellipes	Pale-legged Leaf Warbler	淡腳柳鶯	Cap. 170 Wild Animal Protection Ordinance	
Pica pica	Eurasian Magpie	喜鵲	Cap. 170 Wild Animal Protection Ordinance	
Pnoepyga pusilla	Pygmy Wren-babbler	小鷦鶥	Cap. 170 Wild Animal Protection Ordinance	Local Concern
Prinia flaviventris	Yellow-bellied Prinia	黃腹鷦鶯	Cap. 170 Wild Animal Protection Ordinance	

Pycnonotus aurigaster	Sooty-headed Bulbul	白喉紅臀鵯	Cap. 170 Wild Animal Protection Ordinance			
Pycnonotus jocosus	Red-whiskered Bulbul	紅耳鵯	Cap. 170 Wild Animal Protection Ordinance			
Pycnonotus sinensis	Chinese Bulbul	白頭鵯	Cap. 170 Wild Animal Protection Ordinance			
Spilopelia chinensis	Spotted Dove	珠頸斑鳩	Cap. 170 Wild Animal Protection Ordinance			
Spilornis cheela	Crested Serpent Eagle	蛇鵰	Cap. 170 Wild Animal Protection Ordinance	Vulnerable	Local Concern	
			Cap. 586 Protection of Endangered Species of Animals and Plants Ordinance	Vulnerable	Local Concern	
Stachyridopsis ruficeps	Rufous-capped Babble	r 紅頭穗鶥	Cap. 170 Wild Animal Protection Ordinance		Local Concern	
Tarsiger cyanurus	Red-flanked Bluetail	紅脇藍尾鴝	Cap. 170 Wild Animal Protection Ordinance			
Turdus cardis	Japanese Thrush	烏灰鶇	Cap. 170 Wild Animal Protection Ordinance			
Turdus hortulorum	Grey-backed Thrush	灰背鶇	Cap. 170 Wild Animal Protection Ordinance			
Turdus merula	Common Blackbird	烏鶇	Cap. 170 Wild Animal Protection Ordinance			

Urosphena squameiceps	Asian Stubtail	鱗頭樹鶯	Cap. 170 Wild Animal Protection Ordinance
Zosterops japonicus	Japanese White-eye	暗綠繡眼鳥	Cap. 170 Wild Animal Protection Ordinance

# BUTTERFLIES

BUTTERFLIES							
Scientific Name	Common Name	Chinese Name	HK Protection	IUCN	China Red Data Book	Fellowes 2002	AFCD Status
Abisara echerius	Plum Judy	蛇目褐蜆蝶					Very Common
Abraximorpha davidii	Magpie Flat	白弄蝶					Rare
Artipe eryx	Green Flash	綠灰蝶					Uncommon
Astictopterus jama	Forest Hopper	腌翅弄蝶					Common
Athyma nefte	Colour Sergeant	相思帶蛺蝶					Common
Athyma selenophora	Staff Sergeant	新月帶蛺蝶					Common
Cepora nerissa	Common Gull	黑脈園粉蝶					Common
Charaxes bernardus	Tawny Rajah	白帶螯蛺蝶					Common
Chilades lajus	Lime Blue	紫灰蝶					Common
Creon cleobis	Broadtail Royal	克灰蝶				Local Concern	Very Rare
Cupha erymanthis	Rustic	黄襟蛺蝶					Very Common
Cyrestis thyodamas	Common Mapwing	網絲蛺蝶					Common
Danaus genutia	Common Tiger	虎斑蝶					Common
Euploea core	Common Indian Crow	幻紫斑蝶		Least Concern (2012)			Common
Euploea midamus	Blue-spotted Crow	藍點紫斑蝶					Very Common
Eurema hecabe	Common Grass Yellow	寬邊黃粉蝶					Very Common
Faunis eumeus	Large Faun	串珠環蝶					Common
Graphium agamemnon	Tailed Green Jay	統帥青鳳蝶					Common

Graphium sarpedon	Common Bluebottle	青鳳蝶		Very Common
Ideopsis similis	Ceylon Blue Glassy Tiger	擬旖斑蝶		Very Common
Ixias pyrene	Yellow Orange Tip	橙粉蝶		Uncommon
Jamides bochus	Dark Cerulean	雅灰蝶		Common
Junonia almana	Peacock Pansy	美眼蛺蝶	Least Concern (2012)	Common
Junonia lemonias	Lemon Pansy	蛇眼蛺蝶		Common
Kaniska canace	Blue Admiral	琉璃蛺蝶		Common
Lethe confusa	Banded Tree Brown	白帶黛眼蝶		Common
Lethe rohria	Common Tree Brown	波紋黛眼蝶		Uncommon
Melanitis leda	Common Evening Brown	暮眼蝶		Common
Melanitis phedima	Dark Evening Brown	睇暮眼蝶		Uncommon
Mycalesis mineus	Dark-brand Bush Brown	小眉眼蝶		Very Common
Mycalesis zonata	South China Bush Brown	平頂眉眼蝶		Common
Nacaduba kurava	Transparent 6-line Blue	古樓娜灰蝶		Common
Neopithecops zalmora	Quaker	一點灰蝶		Uncommon
Neptis clinia	Southern Sullied Sailer	珂環蛺蝶		Common
Neptis hylas	Common Sailer	中環蛺蝶		Very Common
Pantoporia hordonia	Common Lascar	金蟠蛺蝶		Uncommon
Papilio bianor	Chinese Peacock	碧鳳蝶		Common
Papilio helenus	Red Helen	玉斑鳳蝶		Very Common
Papilio memnon	Great Mormon	美鳳蝶		Very Common
Papilio paris	Paris Peacock	巴黎翠鳳蝶		Very Common
Papilio polytes	Common Mormon	玉帶鳳蝶		Very Common

Papilio protenor	Spangle	藍鳳蝶		Very Common
Parantica aglea	Glassy Tiger	<b>絹斑蝶</b>		Common
Parnara guttata	Common Straight Swift	直紋稻弄蝶		Common
Phaedyma columella	Short-banded Sailer	柱菲蛺蝶		Common
Pieris canidia	Indian Cabbage White	東方菜粉蝶		Very Common
Pratapa deva	White Royal	珀灰蝶		Very Rare
Pseudozizeeria maha	Pale Grass Blue	酢漿灰碟		Very Common
Rapala manea	Slate Flash	燕灰蝶		Common
Remelana jangala	Chocolate Royal	萊灰蝶		Common
Rohana parisatis	Black Prince	羅蛺蝶		Common
Sinthusa chandrana	Broad Spark	生灰蝶		Rare
Spindasis syama	Club Silverline	豆粒銀線灰蝶		Uncommon
Tagiades litigiosus	Water Snow Flat	沾邊裙弄蝶		Common
Tajuria cippus	Peacock Royal	雙尾灰蝶	Local Concern	Rare
Tirumala limniace	Blue Tiger	青斑蝶		Common
Ypthima baldus	Common Five-ring	矍眼蝶		Very Common
Zemeros flegyas	Punchinello	波蜆蝶		Common

# DRAGONFLIES

Scientific Name	Common Name	Chinese Name	HK Protection	IUCN	China Red Data Book	Fellowes 2002	AFCD Status
Asiagomphus hainanensis	Hainan Clubtail	海南亞春蜓				Local Concern	Common
Fukienogomphus choifongae	Hong Kong Tusktail	賽芳閩春蜓					Rare

# MAMMALS

Scientific Name	Common Name	Chinese Name	HK Protection	IUCN	China Red Data Book	Fellowes 2002	AFCD Status	
Bos taurus	Domestic Ox	黄牛					Common	

# Enclave – Fan Kei Tok

Herpestes urva	Crab-eating Mongoose	食蟹獴	Cap. 170 Wild Animal Protection Ordinance		Local Concern	Rare
Hystrix brachyura	East Asian Porcupine	東亞豪豬	Cap. 170 Wild Animal Protection Ordinance	Least Concern (2009)		Very Common
Melogale moschata	Small-toothed Ferret Badger	鼬獾	Cap. 170 Wild Animal Protection Ordinance			Common
Muntiacus muntjak	Red Muntjac	赤麂			Potential Regional Concern	Very Common
Sus scrofa	Eurasian Wild Pig	野豬				Very Common
Viverricula indica	Small Indian Civet	小靈貓	Cap. 170 Wild Animal Protection Ordinance			Very Common

Total Number of Species: 135

\*\*\* End of Report\*\*\*

Flora species recorded in the country park enclave of Fan Kei Tok

Appendix 1/Annex 2

	a species recorded in the	T	ICIAVE OF FAIR KET TOK	ı			Service of
No.	Scientific Name	Chinese Name	Family Name	Habitat type	Exotic		Species of conservation concern
1	Abrus mollis	毛相思子	FABACEAE	A			No
1			(PAPILIONACEAE)				
2	Adiantum flabellulatum	扇葉鐵線蕨	ADIANTACEAE	A			No
3	Adinandra millettii	黄瑞木	THEACEAE	A			No
4	Alangium chinense	八角楓	ALANGIACEAE	A			No
5	Aporusa dioica	銀柴	EUPHORBIACEAE	A			No
6	Aquilaria sinensis	土沉香	THYMELAEACEAE MIMOSACEAE	A A			Yes (Note 1) No
7 8	Archidendron clypearia Ardisia crenata	猴耳環 朱砂根	MYRSINACEAE	A			No
	Ardisia trenata Ardisia lindleyana	山血丹	MYRSINACEAE	A			No
	Ardisia quinquegona	羅傘樹	MYRSINACEAE	A			No
11	Baeckea frutescens	崗松	MYRTACEAE	A			No
	Blechnum orientale		BLECHNACEAE	A			No
12		烏毛蕨					
13	Breynia fruticosa	黑面神	EUPHORBIACEAE	A			No
14	Bridelia tomentosa	土蜜樹	EUPHORBIACEAE	A			No
15	Canthium dicoccum	魚骨木	RUBIACEAE	A			No
16	Carallia brachiata	竹節樹	RHIZOPHORACEAE	A			No
17	Cassytha filiformis	無根藤	LAURACEAE	A			No
18	Celastrus monospermus	獨子藤	CELASTRACEAE	A			No
19	Chloranthus spicatus	金粟蘭	CHLORANTHACEAE	A	*		No
20	Cibotium barometz	金毛狗	DICKSONIACEAE	A			Yes (Note 2)
21	Clerodendrum fortunatum	白花燈籠	VERBENACEAE	A			No
22	Cordyline fruticosa	朱蕉	AGAVACEAE	A	*		No
23	Cratoxylum cochinchinense	黄牛木	CLUSIACEAE	A			No
	Dalbergia benthamii	兩廣黃檀	FABACEAE	A			No
24	Dawergia beninamii	州與典恒	(PAPILIONACEAE)	71			110
25	Daphniphyllum calycinum	牛耳楓	DAPHNIPHYLLACEAE	A			No
26	Dendrotrophe frutescens	寄生藤	SANTALACEAE	A			No
27	Desmos chinensis	假鷹爪	ANNONACEAE	A			No
	Dicranopteris pedata	芒萁	GLEICHENIACEAE	A			No
29	Dimocarpus longan	龍眼	SAPINDACEAE	A	*		No
30	Diplospora dubia	狗骨柴	RUBIACEAE	A			No
	Elaeocarpus chinensis	中華杜英	ELAEOCARPACEAE	A			No
31	Embelia laeta		MYRSINACEAE	A			No
32		酸藤子					
33	Embelia ribes	白花酸藤子	MYRSINACEAE	A			No
34	Eurya distichophylla	二列葉柃	THEACEAE	A			No
35	Eurya nitida	細齒葉柃	THEACEAE	A			No
36	Ficus fistulosa	水同木	MORACEAE	A			No
37	Ficus hirta	粗葉榕	MORACEAE	A			No
38	Ficus hispida	對葉榕	MORACEAE	A			No
39	Ficus pumila	薜荔	MORACEAE	A			No
40	Ficus variolosa	變葉榕	MORACEAE	A			No
41	Gahnia tristis	黑莎草	CYPERACEAE	A			No
42	Garcinia oblongifolia	領南山竹子	CLUSIACEAE	A			No
43	Gardenia jasminoides	梔子	RUBIACEAE	A		<u> </u>	No
44	Glochidion eriocarpum	毛果算盤子	EUPHORBIACEAE	A			No
	Glochidion lanceolarium	艾膠算盤子	EUPHORBIACEAE	A		<del> </del>	No
45	Gioemaion ianceolarium	<b>义</b> /	LOTHORDIACEAE	А			110

No.	Scientific Name	Chinese Name	Family Name	Habitat type	Exotic	Dominant	Species of conservation concern
46	Glochidion wrightii	白背算盤子	EUPHORBIACEAE	A			No
47	Gnetum luofuense	羅浮買麻藤	GNETACEAE	A			No
48	Helixanthera parasitica	離瓣寄生	LORANTHACEAE	A			No
49	Hylodesmum laterale	側序長柄山螞 蝗	FABACEAE (PAPILIONACEAE)	A			No
50	Ilex asprella	梅葉冬青	AQUIFOLIACEAE	A			No
51	Ilex pubescens	毛冬青	AQUIFOLIACEAE	A			No
52	Itea chinensis	老鼠刺	GROSSULARIACEAE	A			No
53	Ligustrum sinense	山指甲	OLEACEAE	A			No
54	Litsea rotundifolia var. oblongifolia	豺皮樟	LAURACEAE	A			No
55	Lygodium japonicum	海金沙	LYGODIACEAE	A			No
56	Lygodium scandens	小葉海金沙	LYGODIACEAE	A			No
57	Machilus breviflora	短序潤楠	LAURACEAE	A		#	No
58	Machilus chekiangensis	浙江潤楠	LAURACEAE	A		#	No
59	Machilus pauhoi	刨花潤楠	LAURACEAE	A			No
60	Maesa japonica	杜莖山	MYRSINACEAE	A			No
61	Maesa perlarius	鯽魚膽	MYRSINACEAE	A			No
62	Melastoma candidum	野牡丹	MELASTOMATACEAE	A			No
63	Melastoma sanguineum	毛菍	MELASTOMATACEAE	A			No
64	Melicope pteleifolia	密茱萸	RUTACEAE	A			No
65	Millettia nitida	亮葉崖豆藤	FABACEAE (PAPILIONACEAE)	A			No
66	Morinda parvifolia	雞眼藤	RUBIACEAE	A			No
67	Mussaenda pubescens	玉葉金花	RUBIACEAE	A			No
68	Myrsine seguinii	密花樹	MYRSINACEAE	A			No
69	Osmanthus matsumuranus	牛矢果	OLEACEAE	A			No
70	Pandanus austrosinensis	露兜草	PANDANACEAE	A			No
71	Photinia benthamiana	閩粤石楠	ROSACEAE	A			No
72	Phyllanthus emblica	餘甘子	EUPHORBIACEAE	A			No
73	Phyllodium elegans	毛排錢草	FABACEAE (PAPILIONACEAE)	A			No
74	Psychotria asiatica	九節	RUBIACEAE	A			No
75	Psychotria serpens	蔓九節	RUBIACEAE	A			No
76	Pteris semipinnata	半邊旗	PTERIDACEAE	A			No
77	Rhaphiolepis indica	石斑木	ROSACEAE	A			No
78	Rhodomyrtus tomentosa	桃金娘	MYRTACEAE	A			No
79	Rhus succedanea	木蠟樹	ANACARDIACEAE	A			No
80	Rourea microphylla	小葉紅葉藤	CONNARACEAE	A			No
81	Rubus leucanthus	白花懸鈎子	ROSACEAE	A			No
1	Rubus reflexus	鏽毛莓	ROSACEAE	A			No
83	Sapium discolor	山烏桕	EUPHORBIACEAE	A			No
84	Saurauia tristyla	水東哥	ACTINIDIACEAE	A			No
85	Schefflera heptaphylla	鵝掌柴	ARALIACEAE	A		#	No
86	Schima superba	木荷	THEACEAE	A			No
87	Smilax china	菝葜	SMILACACEAE	A			No
88	Symplocos cochinchinensis var. laurina	黃牛奶樹	SYMPLOCACEAE	A			No

No.	Scientific Name	Chinese Name	Family Name	Habitat type	Exotic	Dominant	Species of conservation concern
89	Symplocos glauca	羊舌樹	SYMPLOCACEAE	A		#	No
90	Symplocos lancifolia	光葉山礬	SYMPLOCACEAE	A			No
91	Syzygium hancei	韓氏蒲桃	MYRTACEAE	A			No
92	Taxillus chinensis	廣寄生	LORANTHACEAE	A			No
93	Tetracera asiatica	錫葉藤	DILLENIACEAE	A			No
94	Tetradium glabrifolium	楝葉吳茱萸	RUTACEAE	A			No
95	Tylophora ovata	娃兒藤	ASCLEPIADACEAE	A			No
96	Uncaria hirsuta	毛鈎藤	RUBIACEAE	A			No
97	Utricularia uliginosa	濕地挖耳草	LENTIBULARIACEAE	A			No
98	Uvaria macrophylla	紫玉盤	ANNONACEAE	A			No
99	Ventilago leiocarpa	翼核果	RHAMNACEAE	A			No
100	Viburnum sempervirens	常綠莢迷	CAPRIFOLIACEAE	A			No
101	Wikstroemia nutans	細軸蕘花	THYMELAEACEAE	A			No
102	Zanthoxylum avicennae	簕欓花椒	RUTACEAE	A			No
103	Zanthoxylum myriacanthum	大葉臭花椒	RUTACEAE	A			No
104	Zanthoxylum nitidum	兩面針	RUTACEAE	A			No

# **Remarks:**

- \* Exotic species
- # Dominant species

# **Notes:**

- 1. Aquilaria sinensis 土沉香 Scheduled plant of Cap. 586: 1 and plant under threat of illegal felling due to its high market value
- 2. Cibotium barometz 金毛狗 Scheduled plant of Cap. 586:1

# Habitat type

A : Secondary woodland

# Assessment of the Suitability to Incorporate the Country Park Enclave in Sai Lau Kong into the Plover Cove Country Park

#### 1. The Site

- 1.1 Sai Lau Kong is an enclave at a headland of the north-eastern coast of the Plover Cove Country Park. It is surrounded by Yan Chau Tong Marine Park to the east and Ngau Shi Wu Wan to the west and adjoins the Plover Cove Country Park to the south. The boundary of the enclave is shown in **Figure 1**.
- 1.2 The enclave is about 1.9 ha in size. It accommodates a small fishing village inhabited by a few people at the eastern coast who operate their mariculture rafts in the nearby Fish Culture Zone. It is accessible by boat where a jetty is present in the enclave or by hiking from Sam A Tsuen. There is a disused school in the village which was abandoned more than 20 years ago. The enclave is entirely on government land though the wooden huts and temporary structures being inhabited are covered by Government land licences. In addition, the Administration has recently endorsed an application from a non-government organization for a Short Term Tenancy (STT) for operating a drug treatment and rehabilitation centre in the enclave.
- 1.3 The enclave is generally rural and calm. Apart from the building structures and ruins, the enclave mainly consists of woodland where a mix of both native and afforestation tree species are found.

# 2. Assessment Principles and Criteria

The assessment on the suitability of incorporating Sai Lau Kong into the Plover Cove Country Park has followed the revised principles and criteria endorsed by the Country and Marine Parks Board in May 2011 which include conservation value, landscape and aesthetic value, recreation potential, size, proximity to existing country parks, land status and existing land use. Besides, land use compatibility will be assessed to determine whether a site of good intrinsic value should be protected by either country park designation or coverage by statutory town plans.

## 3. Intrinsic Criteria

# 3.1 Conservation value

# General Description

- 3.1.1 Sai Lau Kong is largely covered by mixed woodland, sandy shores, wooden huts, temporary structures and an abandoned school. A habitat map and an aerial photo of the site are shown in **Figure 2** and **3** respectively. A list of recorded flora and fauna species with their conservation status is in **Appendix 1**.
- 3.1.2 The woodland in the enclave is indistinguishable from the surrounding country park area. It comprises a mixture of both native and exotic species of trees and shrubs. Dominant trees species recorded are *Acacia confusa* and *Hibiscus tiliaceus*. There are fruit trees and ornamental plants near the village area. No flora or fauna species of conservation concern has been recorded in the enclave.

#### Assessment

3.1.3 The conservation value of an enclave is determined by a number of criteria, namely species diversity, degree of naturalness, rarity, fragility, representativeness, position in an ecological or geographical unit, intrinsic appeal, historical records and potential value. Detailed assessment on the conservation of the enclave is set out in **Table 1**:

Table 1

Criteria	Assessment
Species diversity	Over 20 plant species and 10 species (local
	representativeness: 4%) of butterflies have been recorded in
	the enclave. The flora and fauna diversity are low.
Degree of naturalness	The mixed woodland has a medium degree of naturalness.
Rarity	No flora or fauna species of conservation concerns has been
	recorded.
Fragility	The mixed woodland has medium fragility to
	environmental changes.

Representativeness	The mixed woodland has low representativeness in terms of
	species diversity and size.
Intrinsic appeal	Woodland in general has higher intrinsic appeal.
Historical records	There is no historical or archaeological record in the enclave.
Position in an	The mixed woodland is continuous to the surrounding
ecological or	country park area.
geographical unit	
Potential value	The mixed woodland has some potential for the
	improvement of conservation value by enrichment planting
	of native tree and shrub species.

## Conclusion

3.1.4 According to the assessment, the enclave is extensively covered by mixed woodland. It has low diversity of flora and fauna. The overall conservation value of the enclave is rated as **medium**.

# 3.2 Landscape and Aesthetic value

# General Description

- 3.2.1 The site is an enclave at a headland of the Plover Cove Country Park. It overlooks the coastal landscape of the Yan Chau Tong Marine Park to the east, the Double Haven Special Area and the Plover Cove (Extension) Country Park to the north and Ngau Shi Wu Wan to the west. There are sandy shores which frank the east and west coasts of the enclave. Mixed woodland is the predominant land cover of the enclave. It is indistinguishable from the adjacent country park areas.
- 3.2.2 It accommodates a small fishing village inhabited by a few people at the eastern coast who operate their mariculture rafts in the nearby Fish Culture Zone. There is a disused school and ruins in the village. The active fishing village is generally rural and calm and is an unusual landscape feature along the coast of the Plover Cove Country Park. It links up the scenic surrounding of the coastal landscape to the extensive woodland of the headland. Beside the buildings, some

fruit trees and ornamental plants were recorded.

#### Assessment

3.2.3 The landscape and aesthetic value of an area is qualitatively assessed by the following criteria: degree of naturalness, scenic quality, the integrity, completeness and uniqueness of the topography, presence of distinctive and representative features of visual interest, effect of urban development and presence of eyesores. Assessment of landscape and aesthetic value of the site is shown in **Table 2** below:

Table 2

Criteria	Assessment
Degree of naturalness	The coastal scenery and the extensive woodland coverage together have a high degree of naturalness. The fishing village at the eastern coast is rural and calm and complements the overall naturalness of the enclave.
Scenic quality	The coastal landscape overlooked by the enclave and the extensive woodland coverage has high scenic quality.
The integrity,	The mixed woodland which forms the major land cover of
completeness and	the enclave is indistinguishable from the surrounding
uniqueness of the	country park area.
topography	
Presence of	The extensive woodland and the small fishing village will
distinctive and	arouse visual interest of the visitors.
representative	
features of visual	
interest	
Effect of urban	No new development is found inside the enclave.
development and	
presence of eyesores	

# Conclusion

3.2.4 The enclave itself is densely covered by mixed woodland which sets out a visually appealing backdrop. Besides, the small fishing village is a distinctive landscape feature which links up the headland and the coastal landscape and arouses visitors' interests. The enclave also overlooks the scenic views of the Yan Chau

Tong Marine Park. There is no irregularity detected on site. In this connection, the overall landscape and aesthetic value of the enclave is considered to be **medium high**.

# 3.3 Recreation Potential

# General description

3.3.1 The enclave is accessible by boat where a jetty is present or by hiking from Sam A Tsuen via indistinct footpaths. It is preferred by experienced hikers who enjoy the rural and calm landscape of Sai Lau Kong. There are also visitors who reach Sai Lau Kong by boat among other sight-seeing stops along the northeastern coast of the Plover Cove Country Park. There is no existing recreation facility within the enclave.

#### Assessment

3.3.2 The recreation potential of an area for country park designation is qualitatively assessed by the following criteria: attractiveness and comfort, compatibility of existing recreation activities, range of potential user groups, accessibility, carrying capacity and relation with surrounding recreation sites. Assessment of recreation potential of the site is shown in **Table 3** below:

Table 3

Criteria	Assessment
Attractiveness and	The enclave is in general rural and calm.
comfort	
Compatibility of	Hiking and nature appreciation are compatible with country
existing recreation	park objectives.
activities	
Range of potential	The site is a scenic spot to long distance hikers or visitors
user groups	by boat.
Accessibility	The enclave is accessible by boat where a jetty is present or
	by hiking from Sam A Tsuen via indistinct footpaths.
Carrying capacity	There is room in the enclave for the provision of facilities
	for passive recreation.
Relation with	Sai Lau Kong is adjacent to the Yan Chau Tong Marine
surrounding	Park. It is a viewing point to overlook the marine park.

recreation sites

#### Conclusion

3.3.3 The enclave is mainly used for hiking and nature appreciation which are compatible with the surrounding country park and marine park area. The existing fishing village also provides venue and opportunity for education activities. Additional facilities for passive recreation may be provided after the incorporation where appropriate though prior consultation to solicit the views of the stakeholders on the provision of recreation facilities is necessary. In this connection, the recreation potential of the enclave is **medium high**.

## 4. Demarcation Criteria

# Size and Proximity to existing country parks

4.1 The enclave has a total area of 1.9 ha. It is adjacent to the Plover Cove Country Park and the Yan Chau Tong Marine Park.

# Land status and land use compatibility

4.2 The enclave does not comprise any private land, burial ground or village environ of any recognized village under the New Territories Small House Policy. There are 9 Government land licences (0.24 ha in total, 13%) for accommodation purposes in the enclave, covering the wooden huts and temporary structures being inhabited. In addition, the Administration has recently endorsed an application from a non-government organization for a STT (0.23 ha, 12%) for operating a drug treatment and rehabilitation centre at Sai Lau Kong. Plans showing the Government land licence and STT distribution in the enclave are at **Figure 4 and 5** respectively. The enclave is extensively covered by mixed woodland and is mainly visited by experienced hikers or visitors by boat. Being rural and calm, the small fishing village is considered compatible with the surrounding country park and marine park area.

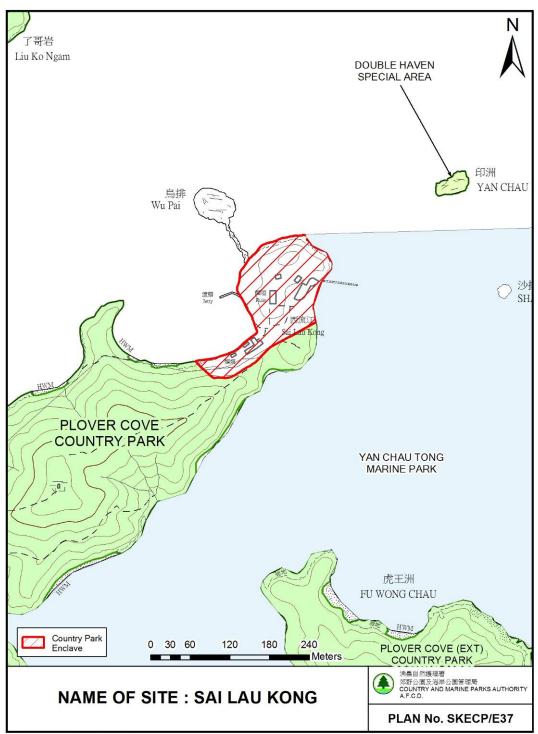
# 5. Recommendation

As far as the intrinsic criteria are concerned, the enclave is rated medium in conservation value and medium high in landscape and aesthetic value and recreation

potential. The enclave is mainly visited for hiking and sight-seeing which are compatible with the surrounding country park and marine park area. The enclave is entirely on government land though it has 9 Government land licences for accommodation purposes, covering the wooden huts and temporary structures being inhabited and a newly granted STT for a drug treatment and rehabilitation centre. Being rural and calm, the small fishing village is considered compatible with the surrounding country park and marine park areas and provides venue and opportunity for education activities. Based on the assessment results, the enclave is recommended to be incorporated into the Plover Cove Country Park. Nevertheless, prior consultation to solicit the views of the residents and other stakeholders in the enclave on the incorporation proposal is necessary.

**END** 

Figure 1/Annex 3



Plan No. M\_SD\_2014\_006\_E37\_1

Figure 2/Annex 3

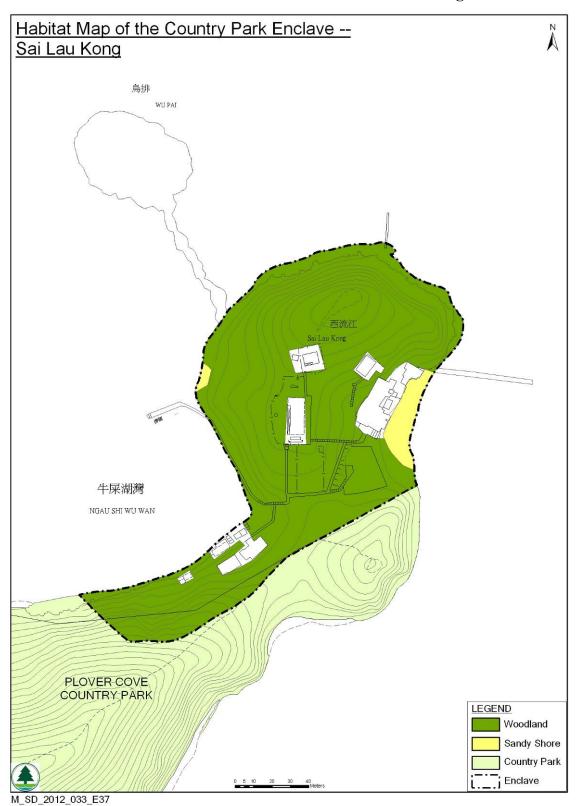


Figure 3/Annex 3

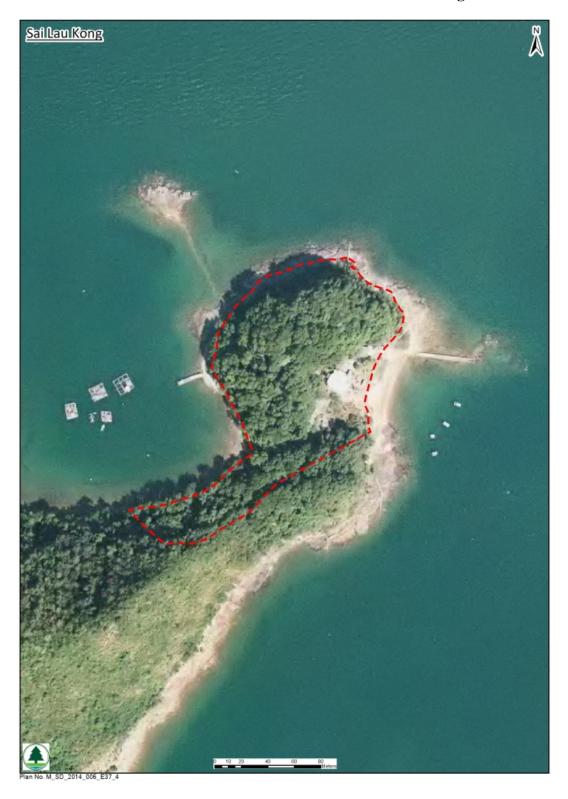


Figure 4/Annex 3

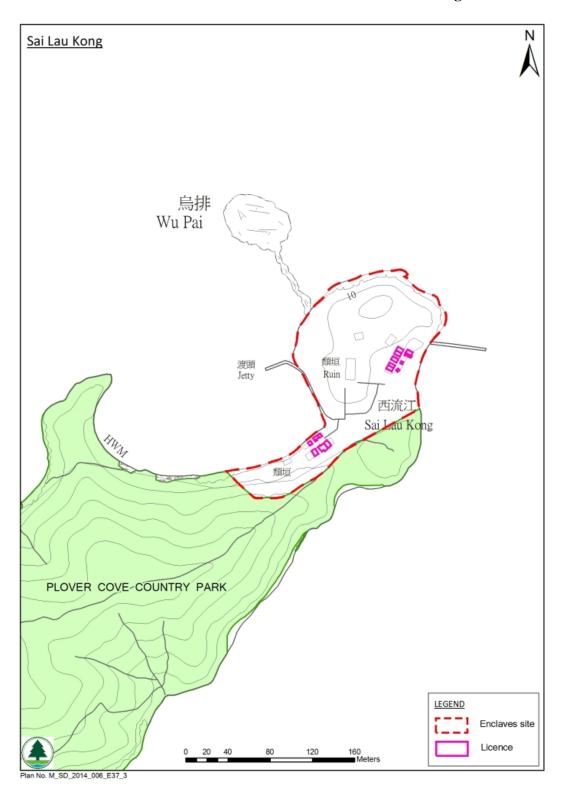
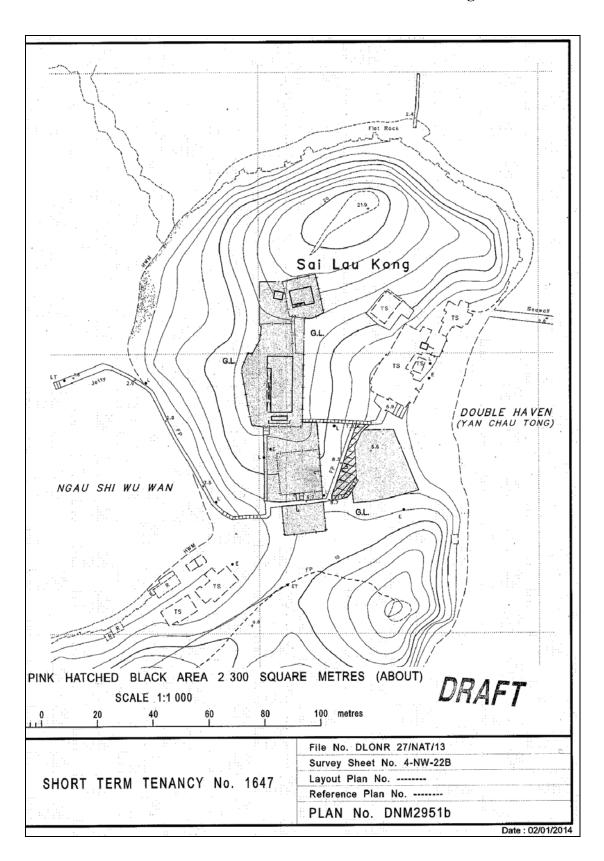


Figure 5/Annex 3



## Summary of Species Records [from AFCD & HKU Biodiversity Data]

Taxa Group		No. of Species*
BUTTERFLIES		10
	Total:	10

<sup>\*</sup>Animals identified to genus level, if any, are included in the species count

## Details of Species Records [Show only Taxa Group(s) required by User]

#### **BUTTERFLIES**

Scientific Name	Common Name	Chinese Name	HK Protection	IUCN	China Red Data Book	Fellowes 2002	AFCD Status
Abisara echerius	Plum Judy	蛇目褐蜆蝶					Very Common
Catopsilia pyranthe	Mottled Emigrant	梨花遷粉蝶					Very Common
Delias pasithoe	Red-base Jezebel	報喜斑粉蝶					Very Common
Graphium sarpedon	Common Bluebottle	青鳳蝶					Very Common
Melanitis leda	Common Evening Brown	暮眼蝶					Common
Papilio demoleus	Lime Butterfly	達摩鳳蝶					Common
Papilio memnon	Great Mormon	美鳳蝶					Very Common
Papilio paris	Paris Peacock	巴黎翠鳳蝶					Very Common

## Enclave – Sai Lau Kong

Papilio polytes	Common Mormon	玉帶鳳蝶	Very Common
Pseudozizeeria maha	Pale Grass Blue	酢漿灰碟	Very Common

Total Number of Species: 10

\*\*\* End of Report\*\*\*

Flora species recorded in the country park enclave of Sai Lau Kong

Appendix 1/Annex 3

species recorde	Table Country	y park enclave of bar		· - PP on a	idix 1/11iiiicx :	
Scientific Name	Chinese Name	Family Name	Habitat type	Exotic	Dominant	Species of conservation concern
Acacia confusa	臺灣相思	MIMOSACEAE	A	*	#	No
Aporusa dioica	銀柴	EUPHORBIACEAE	A			No
Bougainvillea spectabilis	葉子花	NYCTAGINACEAE	A	*		No
Bridelia tomentosa	土蜜樹	EUPHORBIACEAE	A			No
Carica papaya	番木瓜	CARICACEAE	A	*		No
Celtis sinensis	朴樹	ULMACEAE	A			No
Cerbera manghas	海杧果	APOCYNACEAE	A			No
Euphorbia trigona	龍骨	EUPHORBIACEAE	A	*		No
Hibiscus tiliaceus	黄槿	MALVACEAE	A		#	No
Lantana camara	馬纓丹	VERBENACEAE	A	*		No
Litsea rotundifolia var. oblongifolia	豺皮樟	LAURACEAE	A			No
Mallotus paniculatus	白楸	EUPHORBIACEAE	A			No
Melastoma candidum	野牡丹	MELASTOMATACEAE	A			No
Melastoma sanguineum	毛菍	MELASTOMATACEAE	A			No
Microcos paniculata	破布葉	TILIACEAE	A			No
Psychotria asiatica	九節	RUBIACEAE	A			No
Rhaphiolepis indica	石斑木	ROSACEAE	A			No
Rhodomyrtus tomentosa	桃金娘	MYRTACEAE	A			No
Rubus reflexus	鏽毛莓	ROSACEAE	A			No
Schefflera heptaphylla	鵝掌柴	ARALIACEAE	A			No
Tetracera asiatica	錫葉藤	DILLENIACEAE	A			No
Vitex rotundifolia	單葉蔓荊	VERBENACEAE	В	*		No
	- L	•				

## Remarks:

\* Exotic species

# Dominant species

## Habitat type

A: Woodland B: Sandy shore Assessment of the Suitability to Incorporate the Country Park Enclave of the Site near Nam Shan into the Lantau South Country Park

#### 1. The Site

- 1.1 The site near Nam Shan is an upland enclave enclosed by the Lantau South Country Park. The enclave is located on the slope to the east of Yi Tung Shan and to the north of Pui O. The boundary of the enclave is shown in **Figure 1**.
- 1.2 The enclave is about 5.9 ha in size. It does not comprise any private land, burial ground or village environ of any recognized village under the New Territories Small House Policy. There are two Government land licences which together account for about 21% (1.3 ha) of the enclave. The licensed areas may be used for accommodation, kitchen, store and cultivation in accordance with the licensed conditions.
- 1.3 The enclave is rural in character. It comprises five one-storey village buildings and a few temporary structures, active agricultural land and woodland. The village buildings are in active use. Farming is the major land use in the enclave.
- 1.4 The enclave is not accessible by vehicles. It can be reached by footpath from AFCD's Country Parks Management Centre at Nam Shan.

### 2. Assessment Principles and Criteria

The assessment on the suitability of incorporating the site near Nam Shan into the Lantau South Country Park has followed the revised principles and criteria endorsed by the Country and Marine Parks Board in May 2011 which include conservation value, landscape and aesthetic value, recreation potential, size, proximity to existing country parks, land status and existing land use. Besides, land use compatibility will be assessed to determine whether a site of good intrinsic value should be protected by either country park designation or coverage by statutory town plans.

#### 3. Intrinsic Criteria

#### 3.1 Conservation value

#### General Description

- 3.1.1 The enclave is on a slope to the east of Yi Tung Shan. It comprises secondary woodland, active agricultural land, a stream and village buildings. A habitat map and an aerial photo of the site are shown in **Figure 2** and **3** respectively. A list of recorded flora and fauna species with their conservation status is in **Appendix 1**.
- 3.1.2 The secondary woodland is the major habitat type in the enclave and accounts for over two-third of the total area. It comprises some 40 species of trees and shrubs which are mostly native including dominant tree species such as *Schefflera heptaphylla*, *Machilus breviflora* and *M. chekiangensis*. The secondary woodland is largely intact and indistinguishable from the surrounding country park area. The agricultural land is actively operated for crops, vegetable, fruit trees and ornamental plants. A stream meanders along the southwestern boundary of the enclave and joins the Pui O Ecologically Important Stream at the lower reach. There are 4 flora species of conservation concern inside the native woodland, namely *Aquilaria sinensis*, *Artocarpus hypargyreus*, *Pavetta hongkongensis* and *Rhodoleia championii* though they are not uncommon locally.
- 3.1.3 The fauna species recorded in the enclave are mostly common in Hong Kong. Nevertheless, a relatively higher diversity of butterflies has been recorded in the enclave including a rare species.

#### Assessment

3.1.4 The conservation value of an enclave is determined by a number of criteria, namely species diversity, degree of naturalness, rarity, fragility, representativeness, position in an ecological or geographical unit, intrinsic appeal, historical records and potential value. Detailed assessment on the conservation of the enclave is set out in **Table 1**:

Table 1

Criteria	Assessment
Species diversity	The enclave is covered extensively by secondary woodland
	and active agricultural land which supports some 40 tree

	and shrub species. A relatively higher diversity of butterfly was recorded comparing to other fauna groups recorded.
	Butterflies: 33 (14%)
	Bird: 4 (1%)
	Mammals: 7 (13%)
	(the percentage behind the species number indicates local
	representativeness)
Degree of naturalness	The woodland has a higher degree of naturalness.
Rarity	Flora species of conservation concern:
	• Aquilaria sinensis (Scheduled plant of Cap. 586);
	• Artocarpus hypargyreus ("Vulnerable" in China Red
	Data Book 1992)
	Pavetta hongkongensis and Rhodoleia championii
	(Scheduled plant of Forestry Regulations, Cap. 96);
	Fauna species of conservation concern:
	Butterflies: Gerosis phisara 匪夷捷弄蝶 (AFCD status:
	locally rare)
Fragility	The secondary woodland has lower fragility to environmental changes.
Representativeness	The habitats of the enclave do not have high representativeness.
Intrinsic appeal	The secondary woodland has higher intrinsic appeal.
Historical records	There is no historical or archaeological record in the enclave.
Position in an	The enclave is contiguous to the surrounding woodland in
ecological or	the country parks and in the vicinity of Lantau Peak Site of
geographical unit	Special Scientific Interest (flora interest). The stream
	inside the enclave joins the Pui O Ecologically Important
	Stream (for dragonfly and fish diversity) at the lower reach.
Potential value	The secondary woodland has potential for the enrichment

of native tree and shrub species.

#### Conclusion

3.1.5 According to the assessment, the enclave is extensively covered by secondary woodland. A stream meanders along the southwestern boundary of the enclave and joins the Pui O Ecologically Important Stream at the lower reach. The enclave also supports a relatively higher diversity of butterfly comparing to other fauna groups recorded. In summary, the enclave is considered having **medium high** conservation value.

#### 3.2 Landscape and Aesthetic value

#### General Description

- 3.2.1 The enclave is an upland area enclosed by the Lantau South Country Park. It comprises secondary woodland, active agricultural land, a stream and village buildings. There is no vehicular access to the enclave which is only accessible by footpath from AFCD's Country Parks Management Centre at Nam Shan, Lantau.
- 3.2.2 The enclave has a rural and natural atmosphere. Being the major habitat in the enclave, the secondary woodland is largely intact and indistinguishable from the surrounding country park area. The agricultural land is actively operated for vegetable, crops, fruit trees and ornamental plants. The village buildings were erected decades ago and are still regularly inhabited by a few residents. Human activities are confined to the licensed areas.

#### Assessment

3.2.3 The landscape and aesthetic value of an area is qualitatively assessed by the following criteria: degree of naturalness, scenic quality, the integrity, completeness and uniqueness of the topography, presence of distinctive and representative features of visual interest, effect of urban development and presence of eyesores. Assessment of landscape and aesthetic value of the site is shown in **Table 2** below:

Table 2

Criteria	Assessment
Degree of naturalness	The extensive woodland has a high degree of naturalness.

	The single-storey village houses are modest in style and together with the agricultural land complement the naturalness of the surrounding woodland.
Scenic quality	The woodland and the agricultural land together are rural and have good overall scenic quality. It has delightful eye-catching woodland surrounding the enclave.
The integrity, completeness and uniqueness of the topography	The enclave forms an integral part of the Nam Shan area in the Lantau South Country Park. The extensive woodland blends in well with the surrounding areas. The agricultural land and limited human settlements are rural in style and do not upset the overall integrity of the site setting.
Presence of distinctive and representative features of visual interest	The extensive woodland has good visual appeals to country park visitors from adjacent vantage points.
Effect of urban development and presence of eyesores	The agricultural activity in the enclave is compatible with the surrounding country park area. The village houses therein are modest in style and are not considered as eyesores. The effect of urban development in the enclave is minor.

#### Conclusion

3.2.4 According to the assessment, the enclave has an overall natural appearance and complements the surrounding country park area. The secondary woodland is intact and visually appealing to the country park visitors. The agricultural land and the village houses are rural in style and are compatible with the country park setting. The effect of urbanization or human disturbance is minor. The overall landscape and aesthetic value of the enclave is considered to be **medium high**.

## 3.3 <u>Recreation Potential</u>

## General description

3.3.1 The major land use in the enclave is agricultural activities. Though not connected to existing hiking trails, the enclave is close to South Lantau Country Trail and Lantau Trail Section 2 which are both popular to hikers. It is occasionally visited by experienced hikers who prefer off-road adventure. As the enclave is densely occupied by woodland and active agricultural land, there does not seem to be room for the provision of additional recreation facilities.

#### Assessment

3.3.2 The recreation potential of an area for country park designation is qualitatively assessed by the following criteria: attractiveness and comfort, compatibility of existing recreation activities, range of potential user groups, accessibility, carrying capacity and relation with surrounding recreation sites. Assessment of recreation potential of the site is shown in **Table 3** below:

Table 3

Criteria	Assessment
Attractiveness and	The enclave has a calm and rural atmosphere. It has
comfort	visually appealing woodland landscape.
Compatibility of	The enclave is not popular to hikers or country park visitors
existing recreation	due to the lack of connection to the adjacent footpath
activities	network.
Range of potential	The enclave is occasionally visited by some experienced
user groups	hikers.
Accessibility	The enclave is not accessible by vehicles. It can be
	reached by hiking from AFCD's Country Parks
	Management Centre at Nam Shan.
Carrying capacity	The carrying capacity of recreation activities is restricted
	due to the lack of open area. It is uncertain whether the
	residents will welcome further development or promotion
	of the area for recreation uses.
Relation with	The enclave is close to South Lantau Country Trail and
surrounding	Lantau Trail Section 2. There are AFCD's picnic sites,
recreation sites	barbecue sites and camp site in the vicinity of the enclave.

### Conclusion

3.3.3 The enclave is not popular to the country park visitors. Given the extensive coverage of woodland and active agricultural land, there is limited room for the provision of additional recreation facilities in the enclave. Besides, the residents of the enclave may not welcome further development or promotion of the area for recreation uses. In this connection, the recreation potential of the enclave is rated as **low**.

#### 4. Demarcation Criteria

#### Size and Proximity to existing country parks

4.1 The enclave is 5.9 hectares (ha) in size. It is adjacent to the Lantau South Country Park.

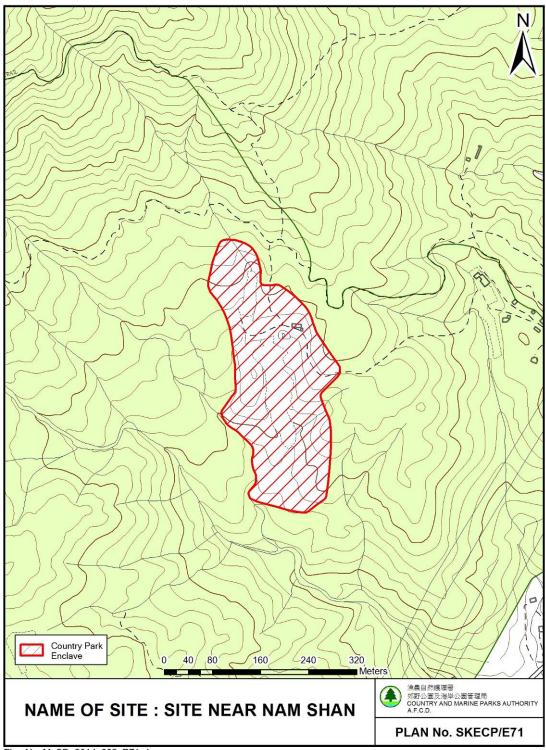
#### Land status and land use compatibility

4.2 The enclave does not comprise any private land, burial ground or village environ of any recognized village under the New Territories Small House Policy. There are two Government land licences which together account for about 21% (1.3 ha) of the enclave. A plan showing the distribution of the licences in the enclave is at **Figure 4**. The secondary woodland forms the major land cover of the enclave while the remaining area is occupied by the village buildings and active agricultural land. The existing agricultural use and the overall tranquil environment are compatible with the surrounding country park area. However, as there are residents in the enclave, prior consultation to solicit their views on the incorporation proposal is necessary.

#### 5. Recommendation

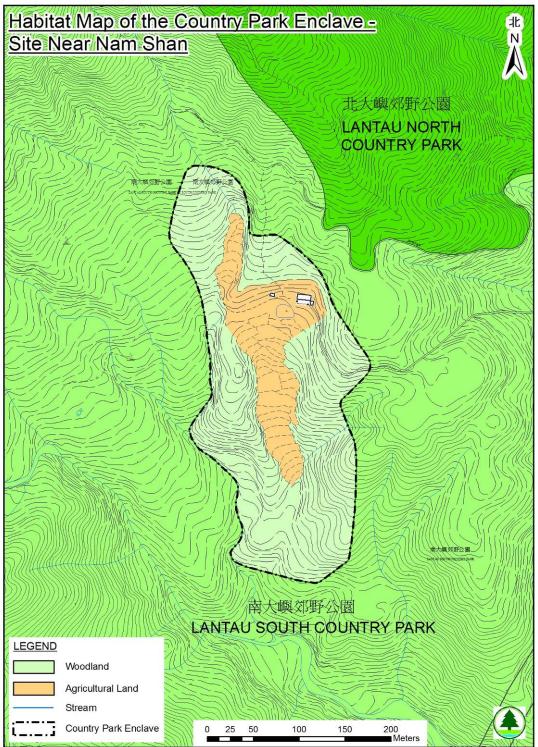
According to the assessment on the intrinsic criteria, the enclave is medium high in conservation value and landscape and aesthetic value while low in recreation potential. The assessment on the demarcation criteria indicates that the existing land uses and the overall tranquil environment of the enclave are compatible with the surrounding country park area. Based on the assessment results, the enclave is recommended to be incorporated into the Lantau South Country Park. However, prior consultation to solicit the views of the residents and other stakeholders in the enclave would be necessary.

Figure 1/Annex 4



Plan No. M\_SD\_2014\_006\_E71\_1

Figure 2/Annex 4



PLAN No. M/SD/2012/001-3\_1

Figure 3/Annex 4

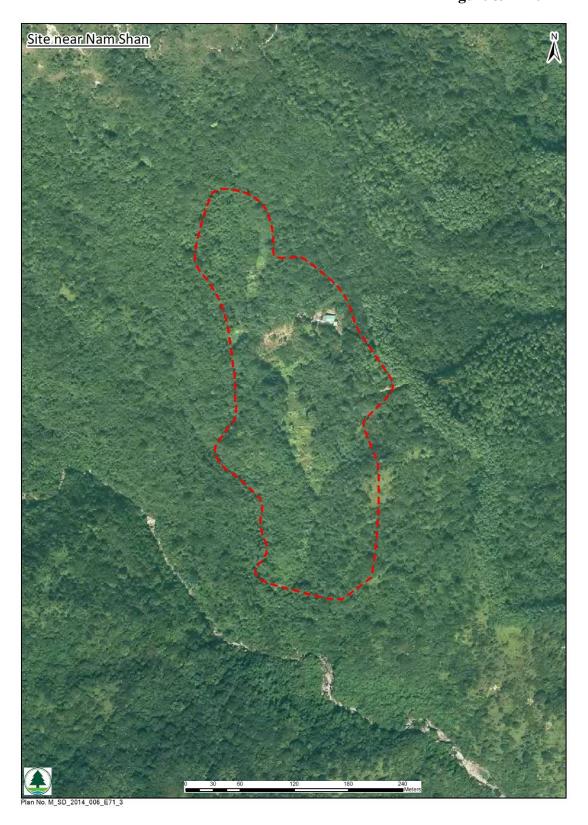
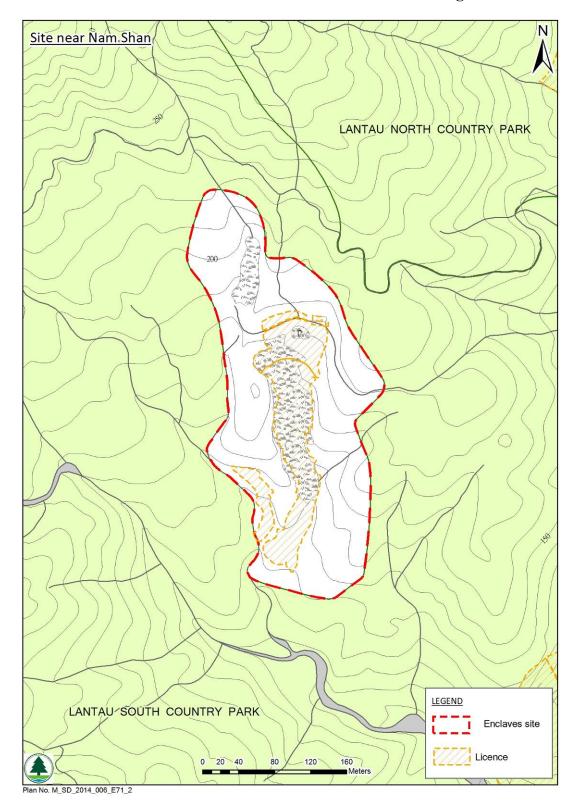


Figure 4/Annex 4



### Enclave - Site near Nam Shan Fauna species recorded in country park enclave of Site near Nam Shan

Summary of Species Records Taxa Group No. of Species\*
[from AFCD & HKU Biodiversity
Data]

BIRDS 4
BUTTERFLIES 33
MAMMALS 7

44 \*Animals identified to genus level, if any, are included in the species count

Details of Species Records [Show only Taxa Group(s) required by User] BIRDS

Scientific Name	Common Name	Chinese Name	HK Protection	IUCN	China Red Data I	Fellowes 2002	AFCD Status
Amaurornis phoenicurus	White-breasted Waterhen	白胸苦惡鳥	Cap. 170 Wild Animal Protection Ordinance	Least Concern (2012)			Common
Centropus sinensis	Greater Coucal	褐翅鴉鵑	Cap. 170 Wild Animal Protection Ordinance	Least Concern (2012)	Vulnerable		
Gracupica nigricollis	Black-collared Starling	黑領椋鳥	Cap. 170 Wild Animal Protection Ordinance	Least Concern (2012)			
Otus lettia	Collared Scops Owl	領角鴞	Cap. 170 Wild Animal Protection Ordinance	Least Concern (2012)			
			Cap. 586 Protection of Endangered Species of	Least Concern (2012)			
			Animals and Plants Ordinance				

BUTTERFLIES	ΒU
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Total:

Scientific Name	Common Name	Chinese Name	HK Protection	IUCN	China Red Data I	Fellowes 2002	AFCD Status
Astictopterus iama	Forest Hopper	施翅弄蝶	THE FIOLECTION	IOGN	Crima Neu Dala I	1 CIIOWC3 ZUUZ	Common
Athyma nefte	Colour Sergeant	相思帶蛺蝶					Common
	Common Sergeant						Uncommon
Athyma perius		玄珠帶蛺蝶 新月帶蛺蝶					Common
Athyma selenophora	Staff Sergeant Lime Blue						
Chilades lajus	Common Mime	紫灰蝶					Common
Chilasa clytia		斑鳳蝶					Common
Cupha erymanthis	Rustic	黄襟蛺蝶		1 10 (0010)			Very Common
Euploea core	Common Indian Crow	幻紫斑蝶		Least Concern (2012)			Common
Euploea midamus	Blue-spotted Crow	藍點紫斑蝶					Very Common
Eurema hecabe	Common Grass Yellow	寬邊黃粉蝶					Very Common
Everes lacturnus	Tailed Cupid	長尾藍灰蝶					Common
Famegana alsulus	Small Grass Blue	<b>珐灰蝶</b>					Uncommon
Faunis eumeus	Large Faun	串珠環蝶					Common
Gerosis phisara	White-banded Flat	匪夷捷弄蝶					Rare
Graphium sarpedon	Common Bluebottle	青鳳蝶					Very Common
Ideopsis similis	Ceylon Blue Glassy Tiger	擬旖斑蝶					Very Common
Jamides bochus	Dark Cerulean	雅灰蝶					Common
Lethe confusa	Banded Tree Brown	白帶黛眼蝶					Common
Melanitis leda	Common Evening Brown	暮眼蝶					Common
Mycalesis mineus	Dark-brand Bush Brown	小眉眼蝶					Very Common
Mycalesis zonata	South China Bush Brown	平頂眉眼蝶					Common
Neptis hylas	Common Sailer	中環蛺蝶					Very Common
Odontoptilum angulatum	Chestnut Angle	角翅弄蝶					Common
Papilio demoleus	Lime Butterfly	達摩鳳蝶					Common
Papilio helenus	Red Helen	玉斑鳳蝶					Very Common
Papilio memnon	Great Mormon	美鳳蝶					Very Common
Papilio paris	Paris Peacock	巴黎翠鳳蝶					Very Common
Papilio polytes	Common Mormon	玉帶鳳蝶					Very Common
Papilio protenor	Spangle	藍鳳蝶					Very Common
Parathyma sulpitia	Five-dot Sergeant	殘鍔線蛺蝶					Common
Phaedyma columella	Short-banded Sailer	柱菲蛺蝶					Common

Camia lumus familiania	Domostic Dos	m x x h				C
Scientific Name	Common Name	Chinese Name HK	Protection	IUCN	China Red Data Fellowes 2002	AFCD Status
MAMMALS						
Ypthima lisandra	Straight Five-ring	黎桑矍眼蝶				Common
Spindasis syama	Club Silverline	豆粒銀線灰蝶				Uncommon

Canis lupus familiaris	Domestic Dog	野狗				Common
Felis catus	Domestic Cat	野貓				Uncommon
Melogale moschata	Small-toothed Ferret Badger	鼬獾	Cap. 170 Wild Animal Protection Ordinance	Least Concern (2001)		Common
Muntiacus muntjak	Red Muntjac	赤麂		Least Concern (2001)	Potential Regional Concern	Very Common
Niviventer fulvescens	Chestnut Spiny Rat	針毛鼠		Least Concern (2001)		Very Common
Rattus sp.						
Sus scrofa	Eurasian Wild Pig	野豬		Least Concern (2001)		Very Common

Total Number of Species: 44
\*\*\* End of Report\*\*\*

# Appendix 1/Annex 4

Flora species recorded in country park enclave of Site near Nam Shan (Woodland only)

	Scientific Name	Chinese Name		Habitat type	Exotic	Dominan t	Species of conservation concern
1	Acacia confusa	臺灣相思	MIMOSACEAE	A	*		No
2	Albizia lebbeck	大葉合歡	MIMOSACEAE	A	*		No
3	Antidesma bunius	五月茶	EUPHORBIACEAE	A			No
4	Aporusa dioica	銀柴	EUPHORBIACEAE	A			No
5	Aquilaria sinensis	土沉香	THYMELAEACEAE	A			Yes (Note 1)
6	Ardisia quinquegona	羅傘樹	MYRSINACEAE MORACEAE	A			No Vas (Nota 2)
7	Artocarpus hypargyreus	白桂木		A			Yes (Note 2)
8	Bridelia tomentosa	土蜜樹	EUPHORBIACEAE	A			No
9	Celtis sinensis	朴樹	ULMACEAE	A			No
10	Choerospondias axillaris	南酸棗	ANACARDIACEAE	A			No
11	Cinnamomum camphora	樟	LAURACEAE	A			No
12	Cinnamomum parthenoxylon	黄樟	LAURACEAE	A			No
13	Cratoxylum cochinchinense	黄牛木	CLUSIACEAE	A			No
14	Diospyros eriantha	烏柿	EBENACEAE	A			No
15	Ficus hirta	粗葉榕	MORACEAE	A			No
16	Ficus hispida	對葉榕	MORACEAE	A			No
	Ilex asprella	梅葉冬青	AQUIFOLIACEAE	A			No
18	Litsea glutinosa	潺槁樹	LAURACEAE	A			No
19	Litsea monopetala	假柿木薑子	LAURACEAE	A			No
20	Litsea rotundifolia var. oblongifolia	豺皮樟	LAURACEAE	A			No
21	Machilus breviflora	短序潤楠	LAURACEAE	A		#	No
22	Machilus chekiangensis	浙江潤楠	LAURACEAE	A		#	No
23	Maesa perlarius	鯽魚膽	MYRSINACEAE	A			No
24	Mallotus paniculatus	白楸	EUPHORBIACEAE	A			No
25	Melastoma sanguineum	毛菍	MELASTOMATACEAE	A			No
	Microcos paniculata	破布葉	TILIACEAE	A			No
27	Pavetta hongkongensis	香港大沙葉	RUBIACEAE	A			Yes (Note 3)
28	Psychotria asiatica	九節	RUBIACEAE	A			No
29	Pteris semipinnata	半邊旗	PTERIDACEAE	A			No
30	Rhodoleia championii	紅花荷	HAMAMELIDACEAE	A			Yes (Note 4)
31	Rhodomyrtus tomentosa	桃金娘	MYRTACEAE	A			No
32	Rubus reflexus	建立	ROSACEAE	A			No
	Sapium discolor		EUPHORBIACEAE	A			No
	•	山烏桕	ARALIACEAE			#	No
-	Schefflera heptaphylla	鵝掌柴 四苯油		A		π	
35	Sterculia lanceolata	假蘋婆	STERCULIACEAE	A	*		No
	Syzygium jambos	蒲桃	MYRTACEAE	A	<b>ተ</b>		No
37	Tetracera asiatica	錫葉藤	DILLENIACEAE	A			No
38	Uvaria macrophylla	紫玉盤	ANNONACEAE	A			No
39	Zanthoxylum avicennae	簕欓花椒	RUTACEAE	A			No
40	Zanthoxylum nitidum	兩面針	RUTACEAE	A			No

#### **Remarks:**

- \* Exotic species
- # Dominant species

### Habitat type

A: Woodland

#### **Notes:**

- 1. Aquilaria sinensis 土沉香 Scheduled plant of Cap. 586, under threat of illegal felling due to its high market value.
- 2. Artocarpus hypargyreus 白桂木 Status of "Vulnerable" in China Red Data Book 1992
- 3. Pavetta hongkongensis 香港大沙葉 Scheduled plant of Cap. 96
- 4. Rhodoleia championii 紅花荷 Protected species of Cap. 96