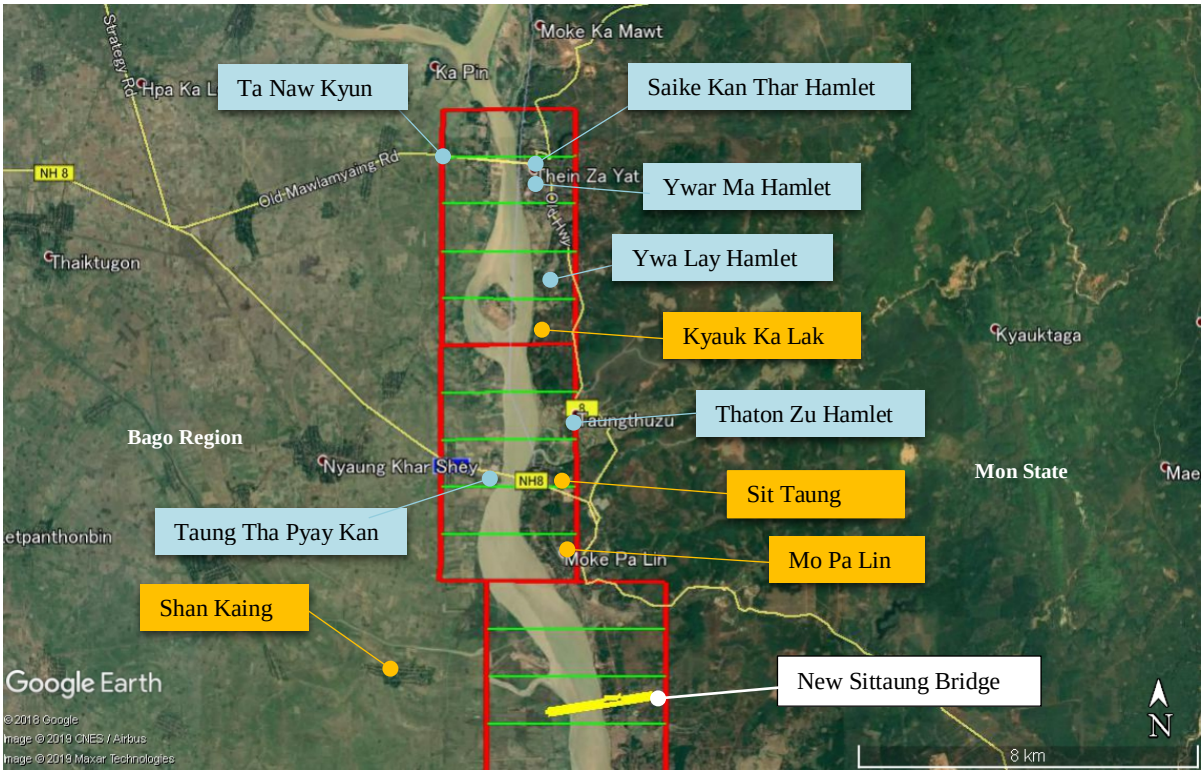
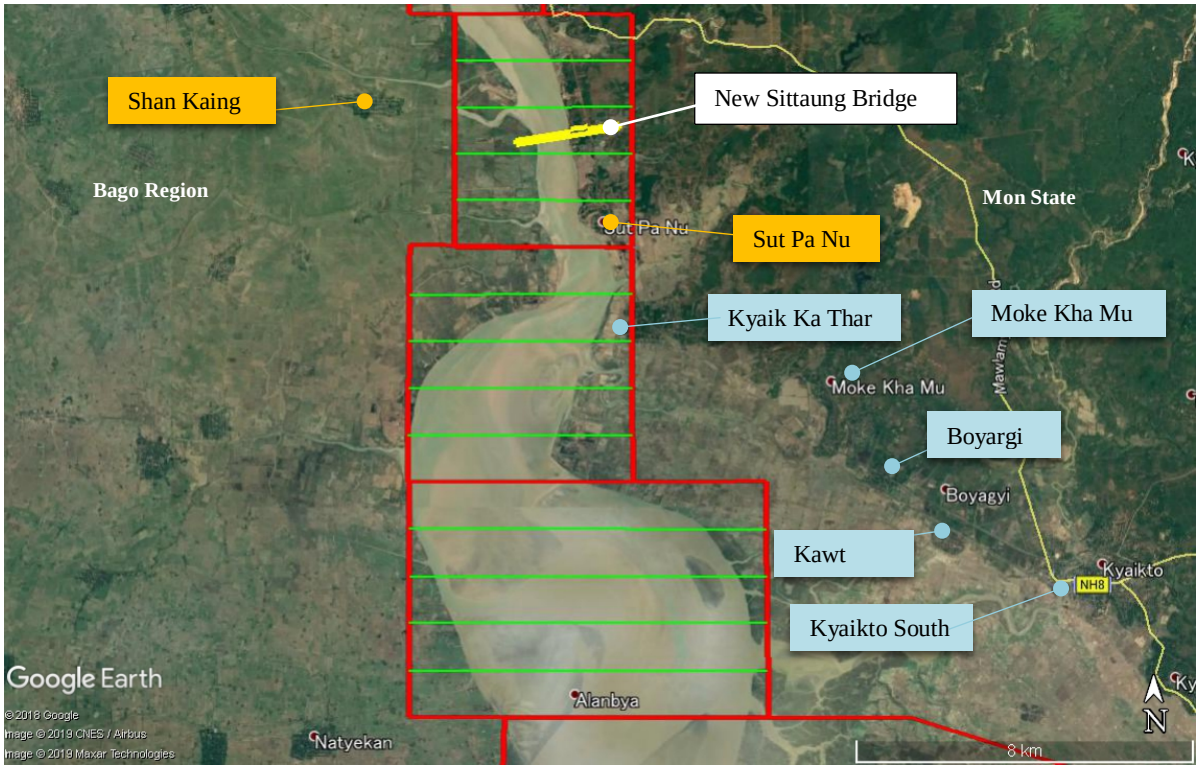
別添－1

DFR 10.7.6 Local Economy Such as Employment and Livelihood における、周辺地域の漁村及び漁場に関する図の修正及び追加



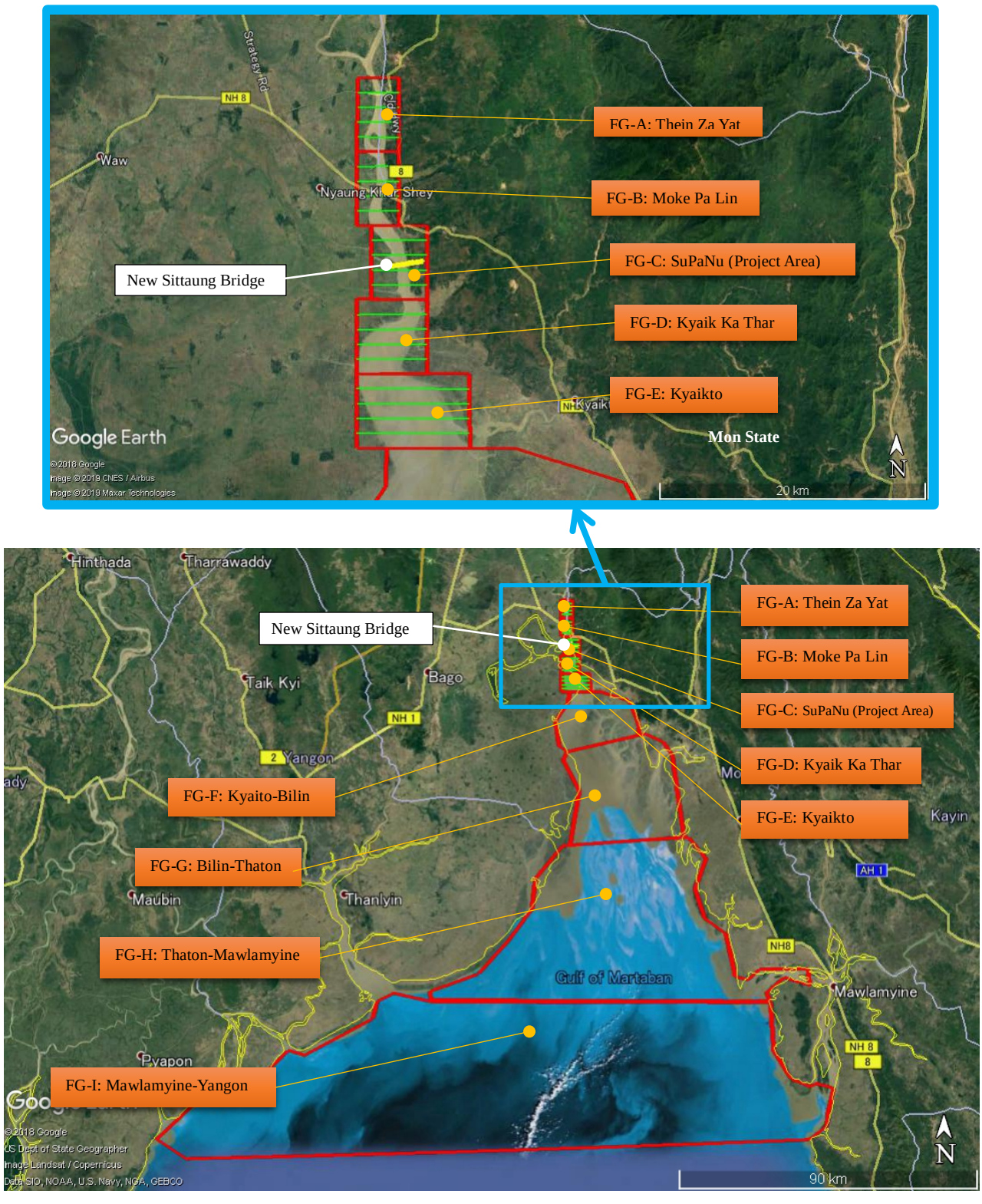
Note: The text box shown in orange color are the villages/ communities using the project site as fishing ground
Source: JICA Study Team Based on Google Earth Map

図 1　Location of the 16 villages/ communities which interviews on fishing ground were conducted (Upstream side of the New sittaung Bridge)



Note: The text box shown in orange color are the villages/ communities using the project site as fishing ground
Source: JICA Study Team Based on Google Earth Map

図 2　Location of the 16 villages/ communities which interviews on fishing ground were conducted (Downstream side of the New sittaung Bridge)



Source: JICA Study Team Based on Google Earth Map

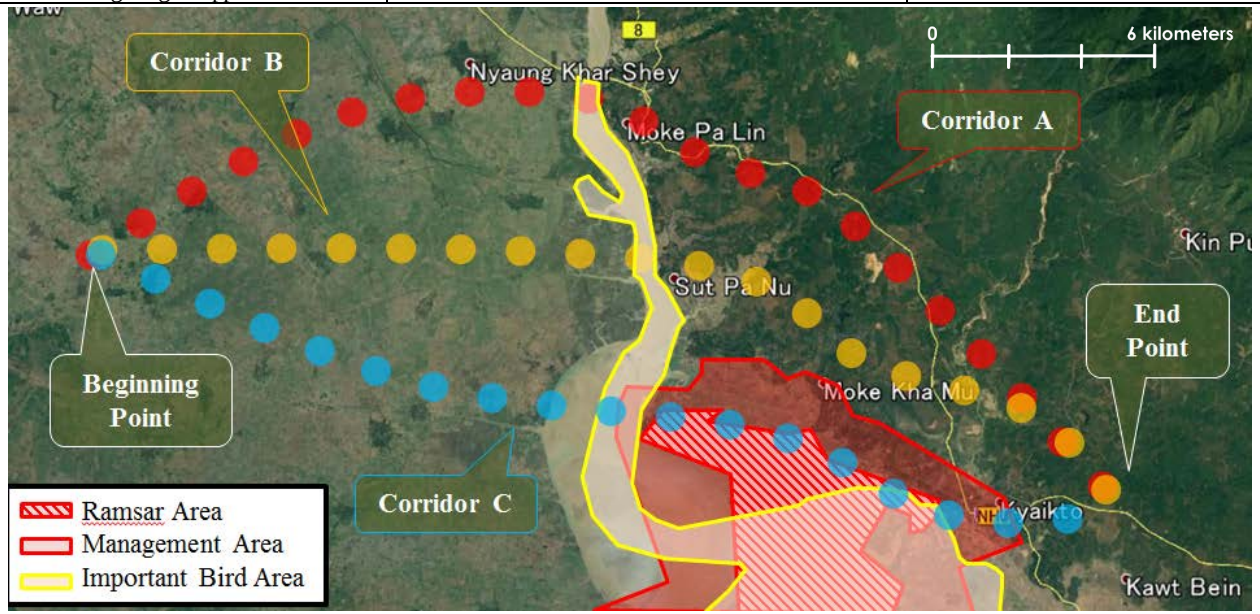
Figure 10.7.18Nine (9) Main Fishing Grounds for Target Five (5) Fishermen Villages

別添－2

DFR Chapter5 代替案検討に係る図表及び DFR 10.7.4 における動植物調査地位置図の修正（縮尺の追記）

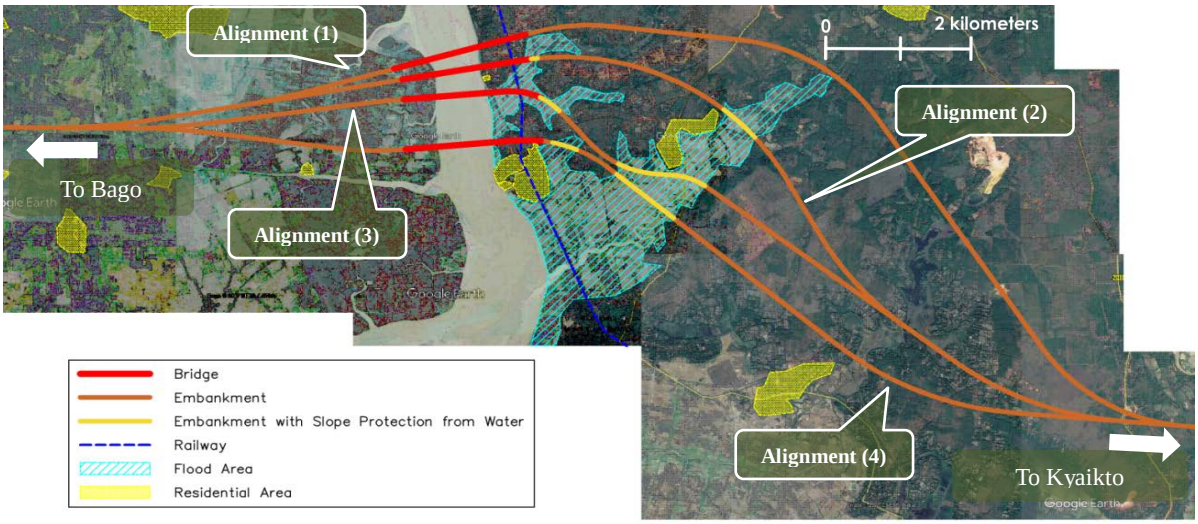
DFR 5.2.2 Comparative Study for the Selection of Eligible Corridor (p.5-4)における、代替回廊位置に関する図の修正（縮尺の追記）

Table 5.2.1 Comparison of the Corridor for New Bago – Kyaikto Highway

Alternative	Corridor A		Corridor B		Corridor C	
Summary	✓ Along the existing highway (NH8). ✓ New bridge beside the existing Sittaung Bridge. ✓ Road length: app. 45km ✓ Sittaung river crossing length: app. 650km		✓ Short road length.: app. 40km ✓ Short river crossing length: app. 750m		✓ Short road length: app. 40km ✓ Long river crossing length: app. 2.8km	
Alternative Corridors						
Riverbank stability / Influence for erosion	✓ “Relatively stable” but scoured by minor tidal wave	A	✓ “Relatively stable” but scored by minor tidal wave	A	✓ Unstable scored by tidal bore ✓ Large erosion at present	C
Construction cost (Ratio with lowest cost)	✓ “Reasonable” because of shorter bridge length but longer distance of road ✓ (1.03)	A	✓ “Reasonable” because of shorter bridge length. ✓ (1.00)	A	✓ “Very High” because of longer bridge length. ✓ (1.87)	C
Environmental Impact (Impact on Ramsar site and IBA/KBA)	✓ Corridor does not pass through Ramsar site, but it passes through IBA/ KBA partially	B	✓ Corridor does not pass through Ramsar site, but it passes through IBA/ KBA partially	B	✓ Corridor passing through Ramsar site and IBA/KBA	C
Social Environmental Impact (Land Acquisition and Resettlement)	✓ 13 residential areas in the corridor	C	✓ 5 residential areas in the corridor	B	✓ 2 residential areas in the corridor	A
Total assessment	Score = 50/80, (Disqualified)		**Recommended** Score = 60/80		Score = 20/80 (Disqualified)	

Source: JICA Study Team (Based on Google Earth satellite image)

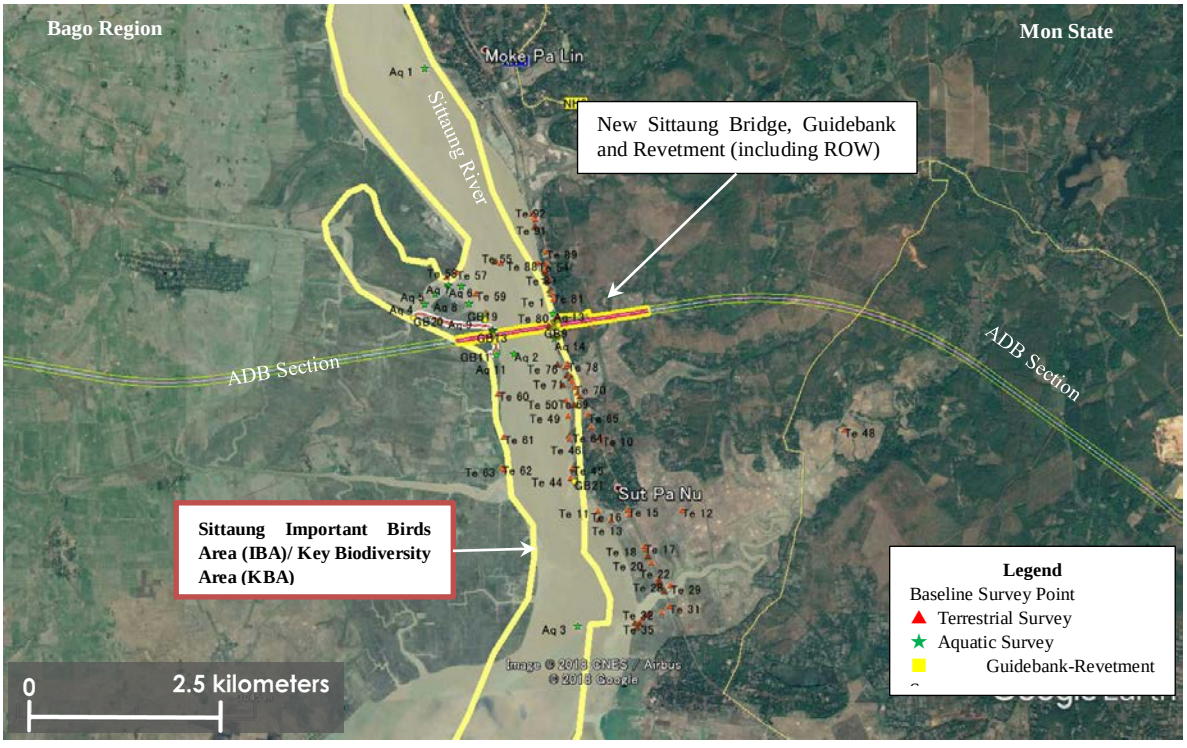
DFR 5.3.1 Alignment Setting in Suitable Corridor (p.5-6)における、代替架橋及び線形位置に関する図の修正（縮尺の追記）



Source: JICA Study Team (Based on Google Earth satellite image)

Figure 5.3.1 Plan View for Alternatives of Route

DFR 10.7.4 Ecosystem and Protected Area (p.10-58)における、動植物調査地点に関する図の修正（縮尺の追記）



Source: JICA Study Team (Based on Google Earth satellite image)

Figure 10.7.7 Fauna and Flora Survey Areas and Points

別添－3

現地調査における魚類確認種・回遊魚及び幼魚生息位置（チャイトータウンシップ漁業課聞き取り結果）

1．確認魚種 41 種の回遊魚種のタイプ

(1) Anadromous （遡河回遊）: 川で産卵し、川で生まれるが、生活の大部分を海に降って過ごし、産卵の時に再び川に戻ってくるもの（4 種）

(2) Catadromous（降河回遊）: 普段は川で生活しているが、海に降って産卵し、誕生したこどもが川をさかのぼるもの（2 種）

(3) Amphidromous（両側回遊）: 普段から川で生活していて、産卵も生まれも川だが、生活環の一部で一旦海に降り、再び川をさかのぼるもの（13 種）

(4) Potamodromous（河川回遊）: 淡水域だけを回遊するもの（10 種）

(5) Oceanodromous（海洋回遊）: 海の中だけを回遊するもの（1 種）

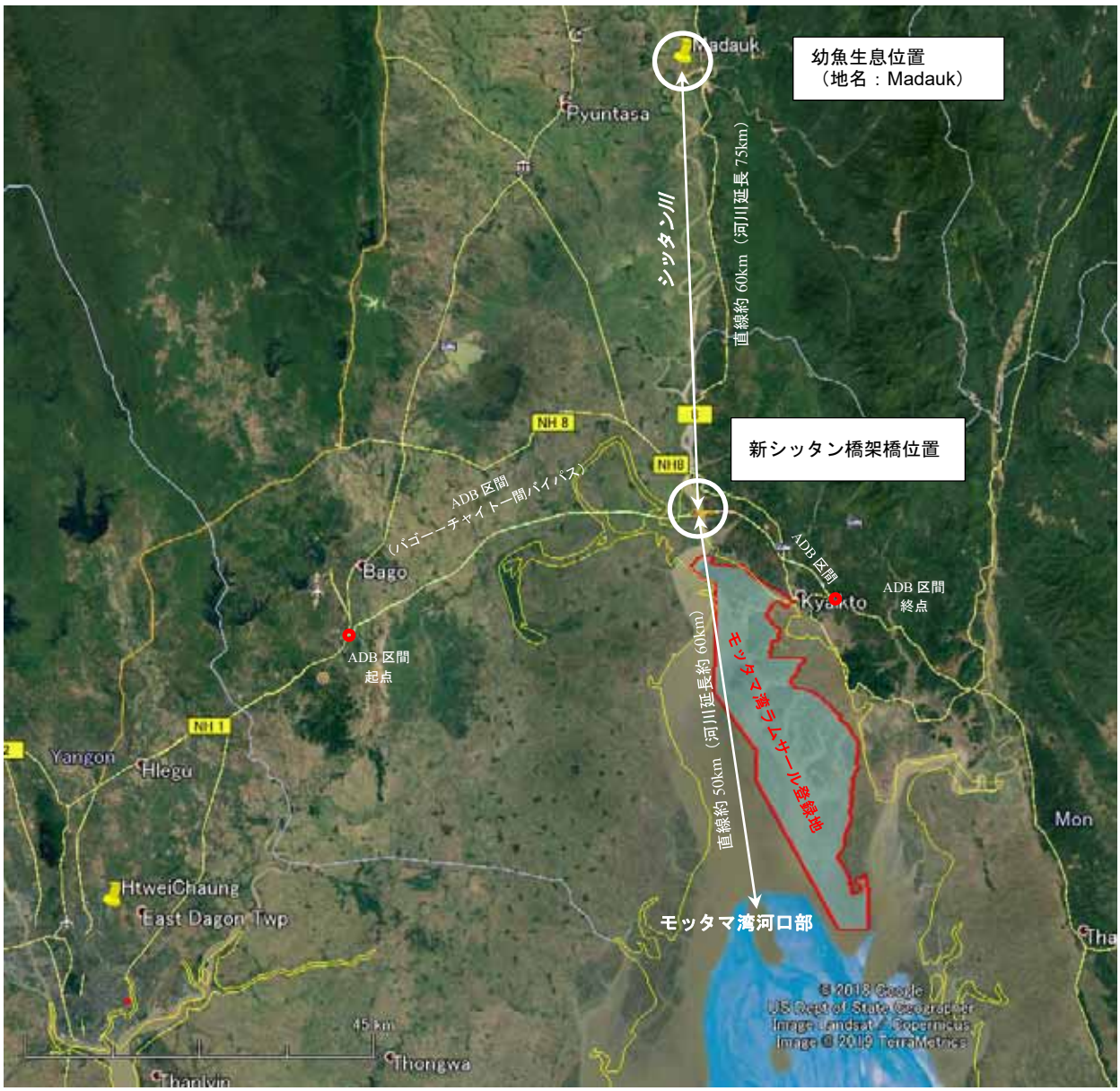
Table .1 Survey Result on Fishes

	Order	Family	Common Name	Scientific Name	Local name	IUCN Red List Status	Identification	Migratory fish or Not	Types of Fish Migration
1	*Clupeiformes*	Clupeidae	Hilsa shad	*Tenualosa ilisha**	Nga-tha-lauk	NE	on site	Migratory	Anadromous（遡河回遊）1
2			Toli shad	*Tenualosa toil**	Nga-tha-lauk-yout-pha	NE	on site	Migratory	Anadromous（遡河回遊）2
3			Rohtee	*Osteobrama alfredianus*		NE	on site	Not	-
4		Engraulididae	Common hairfin anchovy	*Setipinna tenuifilis**	Nga-byar	NE	on site	Migratory	Amphidromous（両側回遊）1
5			Burma hairfin anchovy	*Setipinna wheeleri**	Nga-byar	NE	on site	Not	-
6	*Siluriformes*	Ariidae	Soldier catfish	*Osteogeneiosus militaris**	Nga-yaung	NE	on site	Migratory	Potamodromous（河川回遊）1
7		Siluridae	Butter catfish	*Ompok bimaculatus*	Nga-nu-than	**NT**	on site	Migratory	Potamodromous（河川回遊）2
8		Bagridae	Gangetic mystus	*Mystus cavasius**	Nga-zin-yine	LC	on site	Migratory	Amphidromous（両側回遊）2
9			Kerala mystus	*M. armatus**	Nga-zin-yine	LC	on site	Not	-
10			Long whiskers catfish	*M. gulio**	Nga-zin-yine	LC	on site	Migratory	Anadromous（遡河回遊）3
11			Striped dwarf catfish	*Mystus vittatus*		LC	on site	Not	-
12		Clarridae	Philippine catfish	*Clarias batrachus*	Nga-khu	LC	on site	Migratory	Potamodromous（河川回遊）3
13	*Mugiliformes*	Mugilidae	Corsula	*Rhinomugil corsula**	Nga-zinn	LC	on site	Migratory	Anadromous（遡河回遊）4
14			Squaretail mullet	*Ellochelon vaigiensis**	Ka-ba-lu	NE	on site	Migratory	Catadromous（降河回遊）1
15	*Perciformes*	Polynemidae	Fourfinger threadfin	*Eleutheronema tetradactylum**	Ka-ku-yan	NE	on site	Migratory	Amphidromous（両側回遊）3
16		Sillagoginidae	Flathead solliago	*Sillaginopsis panijus**	Nga-pa-lwe	NE	on site	Migratory	Amphidromous（両側回遊）4
17		Trichiuridae	Largehead hairtail	*Trichiurus lepturus*	Nga-da-gon	NE	on site	Migratory	Amphidromous（両側回遊）5
18		Gobiidae	Tank goby	*Glossogobius giuris*	Ka-tha-poe	LC	on site	Migratory	Amphidromous（両側回遊）6

	Order	Family	Common Name	Scientific Name	Local name	IUCN Red List Status	Identification	Migratory fish or Not	Types of Fish Migration
19			-	*Odontamblyopus rubicundus*	Nga-phyan-ni	NE	on site	Migratory	Amphidromous（両側回遊）7
20		Gobiidae	-	*Apocryptes bato*	Nga-phyan	NE	on site	Migratory	Amphidromous（両側回遊）8
21		Osphronemidae	Thick lipped gourami	*Trichogaster labiosa*	Nga-pyin-tha-let-khout	LC	on site	Not	-
22		Ambassidae	Indian glassy fish	*Parambassis ranga*	Nga-zin-set	LC	on site	Migratory	Potamodromous（河川回遊）4
23		Channidae	Striped snakehead	*Channa striata*	Nga-pa-naw	LC	on site	Migratory	Potamodromous（河川回遊）5
24		Sciaenidae	Pama croaker	*Otolithoides pama**	Nga-poke-thin	NE	on site	Migratory	Amphidromous（両側回遊）9
25			Belanger's croaker	*Johnius belangerii**	Nga-poke-khone	NE	on site	Migratory	Amphidromous（両側回遊）10
26	*Scorpaeniformes*	Platycephalidae	Bartail flathead	*Platycephalus indicus*	Nga-kyauk-pharr	DD	on site	Migratory	Oceanodromous（海洋回遊）1
27	*Tetraodontiformes*	Tetraodontidae		*Chonerhinos naritus*	Nga-pu-tinn	NE	on site	Migratory	Amphidromous（両側回遊）11
28	*Cypriniformes*	Cyprinidae	Large razorbelly minnow	*Salmophasia bacaila*	Nga daung shay	LC	on site	Migratory	Potamodromous（河川回遊）6
29			Swamp barb	*Puntius chola*	Nga-Khone-ma	LC	on site	Migratory	Potamodromous（河川回遊）7
30	*Pleuronectiformes*	Cynoglossidae	Bengal tongue sole	*Cynoglossus cynoglosssus*	Nga-khway-shar	NE	on site	Not	-
31	*Decapoda*	Palaemonidae		*Exopalaemon stylifera*	Pa-zun-pyaw		on site	Not	-
32			Gaint perch/ Baramundi	*Lates sp.*			Interview	Migratory	Catadromous（降河回遊）2
33			Bronze featherback	*Notopterus sp.*			Interview	Migratory	Potamodromous（河川回遊）8
34			Pangas catfish	*Pangasius sp.*			Interview	Migratory	Potamodromous（河川回遊）9
35			Paradise threadfin	*Polynemus sp.*			Interview	Migratory	Amphidromous（両側回遊）12
36			Spottail needlefish	*Strongylura sp.*			Interview	Not	-
37				*Osteobrama sp.*			Interview	Not	-
38			Wallago	*Wallago sp.*			Interview	Migratory	Potamodromous（河川回遊）10
39			Burmese carplet	*Amblypharyngodon sp.*			Interview	Not	-
40			Catfish	*Arius sp.*			Interview	Not	-
41			Spotted scat	*Scatophagus sp.*			Interview	Migratory	Amphidromous（両側回遊）13

Note) IUCN Red List Category: Extinct (EX), Extinct In the Wild (EW),Critically Endangered (CR), Endangered (EN), Vulnerable (VU), Near Threatened (NT), Least Concern (LC), Data Deficient (DD), Not Evaluated (NE)
"-" Not identified
*: Commercial species
Source: JICA Study Team

2. 幼魚生息地域（チャイトータウンシップ漁業課聞き取り結果）



出典：Google Earth を用いて JICA 調査団作成

図-1　幼魚生息位置図（漁業課聞き取り結果）