

**Invermere TSA Predictive Ecosystem Mapping
Structural Stage Quality Assessment Report**

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1.0 Introduction

The purpose of this report is to define how the structural stage layer for the Invermere TSA Predictive Ecosystem Mapping Project was created. This report documents:

- The inventories used to generate the structural stage layer
- The attributes used from the listed inventories
- The relationship of the input layer attributes to structural stage classes

It should be noted that the structural stage model is very limited. An accurate structural stage model and the resulting output are considered to be beyond the resources and scope of this project by both the client and the contractor.

2.0 Inventories

2.1 Forest Inventory Forest Cover Mapping

Ministry of Forests Forest Cover Mapping (FC1/FIP) was provided by the Ministry of Sustainable Resource Management (Nelson Region).

This information was received in as seamless Arc/Info coverage.

Citation: Forest Cover/Forest Inventory Plan Data

Consultant/Department: MSRM, Nelson Region

Publication scale: 1:20,000

Period of Compilation: 1997

Base Map Projection: UTM NAD 83 Zone 11

Quality Control: As per Table 1 and Section 4.4.1.1. in the *Standards for Predictive Ecosystem Mapping in British Columbia, Inventory Standard, (RIC, 1999)* the MoF FC1 data was considered to be of adequate quality.

Edge Matching: Data was received in a seamless format. No edge-matching was required.

Edge Matching Error Minimum: N/A

Edge Matching Error Average: N/A

Edge Matching Error Max: N/A

Attribute/Label Matching: N/A

Raster Sized: N/A

Adjusted Control Feature Shift: None

2.2 Biogeoclimatic Subzone Mapping

Localized Biogeoclimatic Subzone mapping was provided by Marvin Eng, MoF Research Branch.

This information was produced as seamless Arc/Info coverage for the study area.

Citation: Localized BEC Invermere TSA

Consultant/Department: Marvin Eng, MoF Research Branch

Publication scale: 1:20,000

Period of Compilation: 2002

Base Map Projection: UTM NAD 83 Zone 11

Quality Control: The Localized Biogeoclimatic Subzone mapping was approved for use by the Regional Ecologist, Dennis Lloyd.

Edge Matching: Data was received in a seamless format. No edge-matching was required.

Edge Matching Error Minimum: N/A

Edge Matching Error Average: N/A

Edge Matching Error Max: N/A

Attribute/Label Matching: N/A

Raster Sized: N/A

Adjusted Control Feature Shift: None

3.0 Attributes

Attributes used to create the structural stage layer for the Invermere TSA were derived from:

- Forest Cover Data (see Table 1)
- Localized Biogeoclimatic Subzone Mapping (see Table 2)

Table 1. Attributes Derived From Forest Cover

Attribute	Attribute Value	Attribute Value Description	Reference to Appropriate Standard
BASCL	02	Alpine	Ministry of Sustainable Resource Management – Forest Cover Relational Data Dictionary 2.0 – Basic Class
BASCL	03	Rock	
BASCL	06	Gravel Pit	
BASCL	07	Sand	
BASCL	09	Clay Bank	
BASCL	11	Non-productive brush (Npbr)	
BASCL	12	Non-Productive (Np)	
BASCL	13	Non-Productive Burn (Npb)	
BASCL	18	Gravel Bar	
BASCL	42	Clearing	
BASCL	50	Roads	
BASCL	54	Urban	
BASCL	62	Meadow	
HGT_CL_REF	0	0 meters	
HGT_CL_REF	1	.1 to 10.4 meters	
HGT_CL_REF	2	10.5 to 19.4 meters	
HGT_CL_REF	3	19.5 – 28.4 meters	
HGT_CL_REF	4	28.5 – 37.4 meters	
HGT_CL_REF	5	37.4 – 46.4 meters	
HGT_CL_REF	6	46.5 – 55.4 meters	
HGT_CL_REF	7	55.5 – 64.4 meters	
HGT_CL_REF	8	64.5+ meters	
AGE_CL_REF	0	0 years	Ministry of Sustainable Resource Management – Forest Cover Relational Data Dictionary 2.0 – Age Class at Reference Year
AGE_CL_REF	1	1 to 20 years	
AGE_CL_REF	2	21 to 40 years	
AGE_CL_REF	3	41 to 60 years	
AGE_CL_REF	4	61 to 80 years	
AGE_CL_REF	5	81 to 100 years	
AGE_CL_REF	6	101 to 120 years	
AGE_CL_REF	7	121 to 140 years	
AGE_CL_REF	8	141 to 250 years	
AGE_CL_REF	9	> 250 years	

Table 2. Attributes Derived From Biogeoclimatic Subzone Data

Attribute	Attribute Value	Attribute Value Description	Reference to Appropriate Standard
Beclabel	ESSF dku	Biogeoclimatic Subzone and Variant	Ministry of Sustainable Resource Management – Biogeoclimatic Subzone Data
Beclabel	ESSF dk1	Biogeoclimatic Subzone and Variant	
Beclabel	ICH mk1	Biogeoclimatic Subzone and Variant	
Beclabel	IDF dm2n	Biogeoclimatic Subzone and Variant	
Beclabel	MS dk	Biogeoclimatic Subzone and Variant	
Beclabel	AT un	Biogeoclimatic Subzone and Variant	
Beclabel	ESSF dk2	Biogeoclimatic Subzone and Variant	
Beclabel	IDF dm2	Biogeoclimatic Subzone and Variant	
Beclabel	IDF xk	Biogeoclimatic Subzone and Variant	
Beclabel	ESSF wmu	Biogeoclimatic Subzone and Variant	
Beclabel	ESSF wm	Biogeoclimatic Subzone and Variant	
Beclabel	PP dh2	Biogeoclimatic Subzone and Variant	

4.0 Relationship of Attributes to Structural Stage Class

The relationship of input inventory attributes to resulting structural stage classes is described in Table 3 below.

Table 3. Attribution and Structural Stage Classes

Subzone	For Cov age class	ht class	non prod type	Structural stage	number
AT	NA	NA	Ice	NA	0
AT	NA	NA	Alpine	Herb	2
AT	NA	NA	Alpine forest	Shrub dominated	3
AT	NA	NA	rock	Non-Veg	1
AT	NA	NA	Gravel Pit	NA	0
AT	NA	NA	sand	Non-Veg	1
AT	NA	NA	clay bank	Non-Veg	1
AT	NA	NA	Non Prod Forest	Shrub dominated	3
AT	NA	NA	Non Prod Burn	Shrub dominated	3
AT	NA	NA	Lake	NA	0
AT	NA	NA	Gravel Bar	Non-Veg	1
AT	NA	NA	River	NA	0
AT	NA	NA	Mud Flat	Non-Veg	1
AT	NA	NA	Swamp	Herb	2
AT	NA	NA	Clearing	NA	0
AT	NA	NA	Roads	NA	0
AT	NA	NA	Urban	NA	0
AT	NA	NA	Hayfield	Herb	2
AT	NA	NA	Meadow	Herb	2
AT	NA	NA	Open Range	Herb	2
AT	NA	NA	NPBr	Shrub dominated	3
AT	1	1		Shrub dominated	3
AT	1	>1		Pole sapling	4
AT	2	>1		Pole sapling	4
AT	3	>1		Pole sapling	4
AT	4	>1		young forest	5
AT	5	>1		young forest	5
AT	6	>1		young forest	5
AT	7	>1		mature forest	6
AT	8	>1		mature forest	6
AT	9	>1		Old forest	7
ESSFdku	NA	NA	Ice	NA	0
ESSFdku	NA	NA	Alpine	Herb	2
ESSFdku	NA	NA	Alpine forest	Shrub dominated	3

ESSFdku	NA	NA	rock	Non-Veg	1
ESSFdku	NA	NA	Gravel Pit	NA	0
ESSFdku	NA	NA	sand	Non-Veg	1
ESSFdku	NA	NA	clay bank	Non-Veg	1
ESSFdku	NA	NA	Non Prod Forest	Shrub dominated	3
ESSFdku	NA	NA	Non Prod Burn	Shrub dominated	3
ESSFdku	NA	NA	Lake	NA	0
ESSFdku	NA	NA	Gravel Bar	Non-Veg	1
ESSFdku	NA	NA	River	NA	0
ESSFdku	NA	NA	Mud Flat	Non-Veg	1
ESSFdku	NA	NA	Swamp	herb dominated	2
ESSFdku	NA	NA	Clearing	NA	0
ESSFdku	NA	NA	Roads	NA	0
ESSFdku	NA	NA	Urban	NA	0
ESSFdku	NA	NA	Hayfield	herb dominated	2
ESSFdku	NA	NA	Meadow	herb dominated	2
ESSFdku	NA	NA	Open Range	herb dominated	2
ESSFdku	NA	NA	NPBr	Shrub dominated	3
ESSFdku	1	1		Shrub dominated	3
ESSFdku	1	>1		Pole sapling	4
ESSFdku	2	>1		Pole sapling	4
ESSFdku	3	>1		Pole sapling	4
ESSFdku	4	>1		young forest	5
ESSFdku	5	>1		young forest	5
ESSFdku	6	>1		young forest	5
ESSFdku	7	>1		mature forest	6
ESSFdku	8	>1		mature forest	6
ESSFdku	9	>1		Old forest	7
ESSFdck1	NA	NA	Ice	NA	0
ESSFdck1	NA	NA	Alpine	herb dominated	2
ESSFdck1	NA	NA	Alpine forest	Shrub dominated	3
ESSFdck1	NA	NA	rock	Non-Veg	1
ESSFdck1	NA	NA	Gravel Pit	NA	0
ESSFdck1	NA	NA	sand	Non-Veg	1
ESSFdck1	NA	NA	clay bank	Non-Veg	1
ESSFdck1	NA	NA	Non Prod Forest	Shrub dominated	3
ESSFdck1	NA	NA	Non Prod Burn	Shrub dominated	3
ESSFdck1	NA	NA	Lake	NA	0
ESSFdck1	NA	NA	Gravel Bar	Non-Veg	1
ESSFdck1	NA	NA	River	NA	0
ESSFdck1	NA	NA	Mud Flat	Non-Veg	1
ESSFdck1	NA	NA	Swamp	herb dominated	2

ESSFdk1	NA	NA	Clearing	NA	0
ESSFdk1	NA	NA	Roads	NA	0
ESSFdk1	NA	NA	Urban	NA	0
ESSFdk1	NA	NA	Hayfield	herb dominated	2
ESSFdk1	NA	NA	Meadow	herb dominated	2
ESSFdk1	NA	NA	Open Range	herb dominated	2
ESSFdk1	NA	NA	NPBr	Shrub dominated	3
ESSFdk1	1	1		Shrub dominated	3
ESSFdk1	1	>1		Pole sapling	4
ESSFdk1	2	>1		Pole sapling	4
ESSFdk1	3	>1		Pole sapling	4
ESSFdk1	4	>1		young forest	5
ESSFdk1	5	>1		young forest	5
ESSFdk1	6	>1		young forest	5
ESSFdk1	7	>1		mature forest	6
ESSFdk1	8	>1		mature forest	6
ESSFdk1	9	>1		Old forest	7
ESSFdk2	NA	NA	Ice	NA	0
ESSFdk2	NA	NA	Alpine	herb dominated	2
ESSFdk2	NA	NA	Alpine forest	Shrub dominated	3
ESSFdk2	NA	NA	rock	Non-Veg	1
ESSFdk2	NA	NA	Gravel Pit	NA	0
ESSFdk2	NA	NA	sand	Non-Veg	1
ESSFdk2	NA	NA	clay bank	Non-Veg	1
ESSFdk2	NA	NA	Non Prod Forest	Shrub dominated	3
ESSFdk2	NA	NA	Non Prod Burn	Shrub dominated	3
ESSFdk2	NA	NA	Lake	NA	0
ESSFdk2	NA	NA	Gravel Bar	Non-Veg	1
ESSFdk2	NA	NA	River	NA	0
ESSFdk2	NA	NA	Mud Flat	Non-Veg	1
ESSFdk2	NA	NA	Swamp	Herb dominated	2
ESSFdk2	NA	NA	Clearing	NA	0
ESSFdk2	NA	NA	Roads	NA	0
ESSFdk2	NA	NA	Urban	NA	0
ESSFdk2	NA	NA	Hayfield	Herb dominated	2
ESSFdk2	NA	NA	Meadow	Herb dominated	2
ESSFdk2	NA	NA	Open Range	Herb dominated	2
ESSFdk2	NA	NA	NPBr	Shrub dominated	3
ESSFdk2	1	1		Shrub dominated	3
ESSFdk2	1	>1		Pole sapling	4
ESSFdk2	2	>1		Pole sapling	4
ESSFdk2	3	>1		Pole sapling	4

ESSFdk2	4	>1		young forest	5
ESSFdk2	5	>1		young forest	5
ESSFdk2	6	>1		young forest	5
ESSFdk2	7	>1		mature forest	6
ESSFdk2	8	>1		mature forest	6
ESSFdk2	9	>1		Old forest	7
ESSFwm	NA	NA	Ice	NA	0
ESSFwm	NA	NA	Alpine	Herb dominated	2
ESSFwm	NA	NA	Alpine forest	Shrub dominated	3
ESSFwm	NA	NA	rock	Non-Veg	1
ESSFwm	NA	NA	Gravel Pit	NA	0
ESSFwm	NA	NA	sand	Non-Veg	1
ESSFwm	NA	NA	clay bank	Non-Veg	1
ESSFwm	NA	NA	Non Prod Forest	Shrub dominated	3
ESSFwm	NA	NA	Non Prod Burn	Shrub dominated	3
ESSFwm	NA	NA	Lake	NA	0
ESSFwm	NA	NA	Gravel Bar	Non-Veg	1
ESSFwm	NA	NA	River	NA	0
ESSFwm	NA	NA	Mud Flat	Non-Veg	1
ESSFwm	NA	NA	Swamp	Herb dominated	2
ESSFwm	NA	NA	Clearing	NA	0
ESSFwm	NA	NA	Roads	NA	0
ESSFwm	NA	NA	Urban	NA	0
ESSFwm	NA	NA	Hayfield	Herb dominated	2
ESSFwm	NA	NA	Meadow	Herb dominated	2
ESSFwm	NA	NA	Open Range	Herb dominated	2
ESSFwm	NA	NA	NPBr	Shrub dominated	3
ESSFwm	1	1		Shrub dominated	3
ESSFwm	1	>1		Pole sapling	4
ESSFwm	2	>1		Pole sapling	4
ESSFwm	3	>1		Pole sapling	4
ESSFwm	4	>1		young forest	5
ESSFwm	5	>1		young forest	5
ESSFwm	6	>1		young forest	5
ESSFwm	7	>1		mature forest	6
ESSFwm	8	>1		mature forest	6
ESSFwm	9	>1		Old forest	7
MSdk	NA	NA	Ice	NA	0
MSdk	NA	NA	Alpine	Herb dominated	2
MSdk	NA	NA	Alpine forest	Shrub dominated	3
MSdk	NA	NA	rock	Non-Veg	1
MSdk	NA	NA	Gravel Pit	NA	0

MSdk	NA	NA	sand	Non-Veg	1
MSdk	NA	NA	clay bank	Non-Veg	1
MSdk	NA	NA	Non Prod Forest	Shrub dominated	3
MSdk	NA	NA	Non Prod Burn	Shrub dominated	3
MSdk	NA	NA	Lake	NA	0
MSdk	NA	NA	Gravel Bar	Non-Veg	1
MSdk	NA	NA	River	NA	0
MSdk	NA	NA	Mud Flat	Non-Veg	1
MSdk	NA	NA	Swamp	Herb dominated	2
MSdk	NA	NA	Clearing	NA	0
MSdk	NA	NA	Roads	NA	0
MSdk	NA	NA	Urban	NA	0
MSdk	NA	NA	Hayfield	Herb dominated	2
MSdk	NA	NA	Meadow	Herb dominated	2
MSdk	NA	NA	Open Range	Herb dominated	2
MSdk			NPBr	Shrub dominated	3
MSdk	1	1		Shrub dominated	3
MSdk	1	>1		pole sapling	4
MSdk	2	>1		pole sapling	4
MSdk	3	>1		pole sapling	4
MSdk	4	>1		young forest	5
MSdk	5	>1		young forest	5
MSdk	6	>1		young forest	5
MSdk	7	>1		mature forest	6
MSdk	8	>1		mature forest	6
MSdk	9	>1		old forest	7
ICHmk1	NA	NA	Ice	NA	0
ICHmk1	NA	NA	Alpine	Herb dominated	2
ICHmk1	NA	NA	Alpine forest	Shrub dominated	3
ICHmk1	NA	NA	rock	Non-Veg	1
ICHmk1	NA	NA	Gravel Pit	NA	0
ICHmk1	NA	NA	sand	Non-Veg	1
ICHmk1	NA	NA	clay bank	Non-Veg	1
ICHmk1	NA	NA	Non Prod Forest	Shrub dominated	3
ICHmk1	NA	NA	Non Prod Burn	Shrub dominated	3
ICHmk1	NA	NA	Lake	NA	0
ICHmk1	NA	NA	Gravel Bar	Non-Veg	1
ICHmk1	NA	NA	River	NA	0
ICHmk1	NA	NA	Mud Flat	Non-Veg	1
ICHmk1	NA	NA	Swamp	Herb dominated	2
ICHmk1	NA	NA	Clearing	NA	0
ICHmk1	NA	NA	Roads	NA	0

ICHmk1	NA	NA	Urban	NA	0
ICHmk1	NA	NA	Hayfield	Herb dominated	2
ICHmk1	NA	NA	Meadow	Herb dominated	2
ICHmk1	NA	NA	Open Range	Herb dominated	2
ICHmk1			NPBr	Shrub dominated	3
ICHmk1	1	1		Shrub dominated	3
ICHmk1	1	>1		pole sapling	4
ICHmk1	2	>1		pole sapling	4
ICHmk1	3	>1		pole sapling	4
ICHmk1	4	>1		young forest	5
ICHmk1	5	>1		young forest	5
ICHmk1	6	>1		young forest	5
ICHmk1	7	>1		mature forest	6
ICHmk1	8	>1		mature forest	6
ICHmk1	9	>1		old forest	7
IDFdm2	NA	NA	Ice	NA	0
IDFdm2	NA	NA	Alpine	Herb dominated	2
IDFdm2	NA	NA	Alpine forest	Shrub dominated	3
IDFdm2	NA	NA	rock	Non-Veg	1
IDFdm2	NA	NA	Gravel Pit	NA	0
IDFdm2	NA	NA	sand	Non-Veg	1
IDFdm2	NA	NA	clay bank	Non-Veg	1
IDFdm2	NA	NA	Non Prod Forest	Shrub dominated	3
IDFdm2	NA	NA	Non Prod Burn	Shrub dominated	3
IDFdm2	NA	NA	Lake	NA	0
IDFdm2	NA	NA	Gravel Bar	Non-Veg	1
IDFdm2	NA	NA	River	NA	0
IDFdm2	NA	NA	Mud Flat	Non-Veg	1
IDFdm2	NA	NA	Swamp	Herb dominated	2
IDFdm2	NA	NA	Clearing	NA	0
IDFdm2	NA	NA	Roads	NA	0
IDFdm2	NA	NA	Urban	NA	0
IDFdm2	NA	NA	Hayfield	Herb dominated	2
IDFdm2	NA	NA	Meadow	Herb dominated	2
IDFdm2	NA	NA	Open Range	Herb dominated	2
IDFdm2			NPBr	Shrub dominated	3
IDFdm2	1	1		Shrub dominated	3
IDFdm2	1	>1		pole sapling	4
IDFdm2	2	>1		pole sapling	4
IDFdm2	3	>1		pole sapling	4
IDFdm2	4	>1		young forest	5
IDFdm2	5	>1		young forest	5

IDFdm2	6	>1		young forest	5
IDFdm2	7	>1		mature forest	6
IDFdm2	8	>1		mature forest	6
IDFdm2	9	>1		old forest	7
IDFdm2N	NA	NA	Ice	NA	0
IDFdm2N	NA	NA	Alpine	Herb dominated	2
IDFdm2N	NA	NA	Alpine forest	Shrub dominated	3
IDFdm2N	NA	NA	rock	Non-Veg	1
IDFdm2N	NA	NA	Gravel Pit	NA	0
IDFdm2N	NA	NA	sand	Non-Veg	1
IDFdm2N	NA	NA	clay bank	Non-Veg	1
IDFdm2N	NA	NA	Non Prod Forest	Shrub dominated	3
IDFdm2N	NA	NA	Non Prod Burn	Shrub dominated	3
IDFdm2N	NA	NA	Lake	NA	0
IDFdm2N	NA	NA	Gravel Bar	Non-Veg	1
IDFdm2N	NA	NA	River	NA	0
IDFdm2N	NA	NA	Mud Flat	Non-Veg	1
IDFdm2N	NA	NA	Swamp	Herb dominated	2
IDFdm2N	NA	NA	Clearing	NA	0
IDFdm2N	NA	NA	Roads	NA	0
IDFdm2N	NA	NA	Urban	NA	0
IDFdm2N	NA	NA	Hayfield	Herb dominated	2
IDFdm2N	NA	NA	Meadow	Herb dominated	2
IDFdm2N	NA	NA	Open Range	Herb dominated	2
IDFdm2N			NPBr	Shrub dominated	3
IDFdm2N	1	1		Shrub dominated	3
IDFdm2N	1	>1		pole sapling	4
IDFdm2N	2	>1		pole sapling	4
IDFdm2N	3	>1		pole sapling	4
IDFdm2N	4	>1		young forest	5
IDFdm2N	5	>1		young forest	5
IDFdm2N	6	>1		young forest	5
IDFdm2N	7	>1		mature forest	6
IDFdm2N	8	>1		mature forest	6
IDFdm2N	9	>1		old forest	7
IDFdk	NA	NA	Ice	NA	0
IDFdk	NA	NA	Alpine	Herb dominated	2
IDFdk	NA	NA	Alpine forest	Shrub dominated	3
IDFdk	NA	NA	rock	Non-Veg	1
IDFdk	NA	NA	Gravel Pit	NA	0
IDFdk	NA	NA	sand	Non-Veg	1
IDFdk	NA	NA	clay bank	Non-Veg	1

IDFxk	NA	NA	Non Prod Forest	Shrub dominated	3
IDFxk	NA	NA	Non Prod Burn	Shrub dominated	3
IDFxk	NA	NA	Lake	NA	0
IDFxk	NA	NA	Gravel Bar	Non-Veg	1
IDFxk	NA	NA	River	NA	0
IDFxk	NA	NA	Mud Flat	Non-Veg	1
IDFxk	NA	NA	Swamp	Herb dominated	2
IDFxk	NA	NA	Clearing	NA	0
IDFxk	NA	NA	Roads	NA	0
IDFxk	NA	NA	Urban	NA	0
IDFxk	NA	NA	Hayfield	Herb dominated	2
IDFxk	NA	NA	Meadow	Herb dominated	2
IDFxk	NA	NA	Open Range	Herb dominated	2
IDFxk			NPBr	Shrub dominated	3
IDFxk	1	1		Shrub dominated	3
IDFxk	1	>1		pole sapling	4
IDFxk	2	>1		pole sapling	4
IDFxk	3	>1		pole sapling	4
IDFxk	4	>1		young forest	5
IDFxk	5	>1		young forest	5
IDFxk	6	>1		young forest	5
IDFxk	7	>1		mature forest	6
IDFxk	8	>1		mature forest	6
IDFxk	9	>1		old forest	7
PPdh2	NA	NA	Ice	NA	0
PPdh2	NA	NA	Alpine	Herb dominated	2
PPdh2	NA	NA	Alpine forest	Shrub dominated	3
PPdh2	NA	NA	rock	Non-Veg	1
PPdh2	NA	NA	Gravel Pit	NA	0
PPdh2	NA	NA	sand	Non-Veg	1
PPdh2	NA	NA	clay bank	Non-Veg	1
PPdh2	NA	NA	Non Prod Forest	Shrub dominated	3
PPdh2	NA	NA	Non Prod Burn	Shrub dominated	3
PPdh2	NA	NA	Lake	NA	0
PPdh2	NA	NA	Gravel Bar	Non-Veg	1
PPdh2	NA	NA	River	NA	0
PPdh2	NA	NA	Mud Flat	Non-Veg	1
PPdh2	NA	NA	Swamp	Herb dominated	2
PPdh2	NA	NA	Clearing	NA	0
PPdh2	NA	NA	Roads	NA	0
PPdh2	NA	NA	Urban	NA	0
PPdh2	NA	NA	Hayfield	Herb dominated	2

PPdh2	NA	NA	Meadow	Herb dominated	2
PPdh2	NA	NA	Open Range	Herb dominated	2
PPdh2			NPBr	Shrub dominated	3
PPdh2	1	1		Shrub dominated	3
PPdh2	1	>1		pole sapling	4
PPdh2	2	>1		pole sapling	4
PPdh2	3	>1		pole sapling	4
PPdh2	4	>1		young forest	5
PPdh2	5	>1		young forest	5
PPdh2	6	>1		young forest	5
PPdh2	7	>1		mature forest	6
PPdh2	8	>1		mature forest	6
PPdh2	9	>1		old forest	7

5.0 Summary

It should be noted that this structural stage model is considered to be very preliminary from both the perspective of the client and the consultant. It was generated to meet *the Standards for Predictive Ecosystem Mapping - Digital Data Capture (April 2000)* (RIC 2000). Neither the client or the contractor consider the structural stage model to be of high enough quality to be used for project work. Currently, an accurate structural stage model and input layer are beyond the scope and resources of this project.

6.0 References

Ministry of Sustainable Resource Management – Forest Cover Relational Data Dictionary 2.0.

Resources Inventory Committee prepared by Terrestrial Ecosystem Mapping Alternatives Task Force. April, 2000. Standards for Predictive Ecosystem Mapping – Digital Data Capture. Version1.0.

Resources Inventory Committee prepared by Terrestrial Ecosystem Mapping Alternatives Task Force. November, 1999. Standards for Predictive Ecosystem Mapping - Inventory Standard. Version1.0.