

Antarctic Exchange of Information 2006/2007

1. PRE-SEASON INFORMATION

1.1.2 Non-governmental Expedition

A. Ship-based Operations

None

B. Land-based Operations

Name of Expedition	Method of transportation to, from and within Antarctica	Type of adventure/activity	Location	Dates of expedition	Number of personnel involved
None planned at this time.					

1.2 Visits to Protected Areas .

○Planned visits to ASPA during April 2006 – March 2007 is as follows.

Name and number of protected area	Number of people permitted to visit	Date/period	purpose
No. 141 Yukidori Valley, Langhovde	4	50days between 20 Dec.2006 and 15 Feb. 2007	To research the structure and succession of ecosystem of lakes in Antarctica.
No. 141 Yukidori Valley, Langhovde	4	50days between 20 Dec.2006 and 15 Feb. 2007	Monitoring the land vegetation around lakes in the Antarctica
No. 141 Yukidori Valley, Langhovde	4	The beginning of Dec.2006 to the beginning Feb. 2007	To research on land vegetation
No. 141 Yukidori Valley, Langhovde	4	The middle of Dec.2006 to the middle of Feb. 2007	To research the current state of the ASPA and filming the above scientific research activities
No. 141 Yukidori Valley, Langhovde	4	The middle of Dec.2006 to the middle of Feb. 2007	To research the current state of the ASPA and filming the above scientific research activities

2. ANNUAL REPORT

2.3 Permit Information

2.3.1 Visits to Protected Areas

○Actual visit to the ASPA during April 2005 – March 2006 was as follows.

Name and number of protected area	Number of people who actually visited / permitted to visit	Date/period	purpose
No. 141 Yukidori Valley, Langhovde	4 / 10	50days between 20 Dec.2005 and 15 Feb. 2006	To research the structure and succession of ecosystem of lakes in Antarctica.
No. 141 Yukidori Valley, Langhovde	2 / 3	50days between 20 Dec.2005 and 15 Feb. 2006	To research interaction between ice-sheet and land vegetation
No. 141 Yukidori Valley, Langhovde	2 / 3	50days between 20 Dec.2005 and 15 Feb. 2006	Monitoring the land vegetation around lakes in the Antarctica
No. 141 Yukidori Valley, Langhovde	2 / 10	From Dec.2005 Mar. 2006	To research the current state of the ASPA.
No. 141 Yukidori Valley, Langhovde	1 / 10	From Dec.2005 Mar. 2006	Filming the above scientific research activities

2.3.2 Taking and Harmful Interference with Flora and Fauna

○Taking and harmful Interference with flora and fauna during April 2005 – March 2006 was as follows.

Species	Activities	Location	Amount	Sex age	Purpose
Mosses	Takeing(Sampling for Mosses)	Soya Coast (69° 40'S, 39° 43'E) (69° 40'S, 39° 25'E) (69° 40'S, 39° 25'E)	13kg	—	To research the structure and succession of ecosystem of lakes in Antarctica.

Mosses	Takeing(Sam pling for Mosses)	Soya Coast (69 ° 40'S, 39 ° 43'E) (69 ° 40'S,39 ° 25'E) (69 ° 40'S,39 ° 25'E)	2kg	—	To research interaction between ice-sheet and land vegetation
Mosses	Takeing(Sam pling for Mosses)	Soya Coast (69 ° 40'S, 39 ° 43'E) (69 ° 40'S,39 ° 25'E) (69 ° 40'S,39 ° 25'E)	1kg	—	Monitoring the land vegetation around lakes in the Antarctica
Mosses	Takeing(Sam pling for Mosses)	Around the Syowa Station (69 ° 05'S, 39 ° 34'E)	0.2kg	—	To research current state of the environment around the Syowa Station

2.3.3 Introduction of Non-native Species

○Introduction of Non-native Specie during April 2005 – March 2006 was as follows.

Species	Location	Amount	Purpose
GES bacterium	Sowa Station(69 ° S, 39 ° 35'E)	GES bacterium 900g	To decompose oil etc. in the drainpipes in Sowa Station
SES bacterium		SES bacterium 900g	
Bacillus subtilis BN1001		Bacillus subtilis BN1001 95kg	

2.4.1 Compliance with Protocol

A law that ensures implementation of the Protocol in Japan, *the Law relating to Protection of the Environment in Antarctica (Antarctic Environment Law)* was promulgated in the gazette on 28th May 1997 and entered into force on 14th January 1998 at the same time the Protocol itself entered into force, in Japan.

The Cabinet Ordinance for enforcing the Antarctic Environment Law and the Prime Minister's Office Ordinance for enforcing the Antarctic Environment Law was

promulgated in the gazettes between July and September 1997.

The instrument of acceptance of the Protocol was received by the Government of the USA on December 15 1997.

The text of *the Antarctic Environment Law* is available from:

<http://www.env.go.jp/en/lar/antarctica/index.html>

Japan has been disseminating small pamphlet (Japanese and English version) and website (Japanese and English version) "Antarctica", including outline of natural environment in Antarctica, procedures for visiting Antarctica and short history of Japanese Antarctic Research.

The website is available from:

<http://www.env.go.jp/earth/nankyoku/kankyohogo/index.html>

2.4.2 List of IEEs and CEEs

○List of IEEs and CEEs during April 2005 – March 2006 was as follows.

Level of assessment	Proposed activities	Location	Decision taken
Initial Environmental Evaluation	The extension of the ground line of the Ionospheric observation building at Syowa Station	Syowa Station (69°00'S, 39°35'E)	All the proposed activities were certified by Minister of the Environment as having no more than a minor or transitory impact.
Initial Environmental Evaluation	Drilling the marine sediments at Lutzow-Holmbukta Bay	"	"
Initial Environmental Evaluation	The civil engineering and construction works in the summer season	"	"
Initial Environmental Evaluation	The civil engineering and construction works to make the research base at the point S17	S17(69° 01' S 40° 04')	"

3. PERMANENT INFORMATION

3.6 Permit Information .

Referred to 2.4.1