ᕗᕋᓃᒃ ᔭᓖᓇᔅ ᐊᒻᒪ ᐃᓴᐱᐅᓪ ᓚᐅᕆᐋᓐ, ᐊᒡᓚᒡᕕᖓ ᑲᓇᑕᒥᑦ ᖃᐅᔨᓴᖅᑎᐅᔪᓄᑦ, ᐃᒡᓗᕐᔪᐊᖅ, ᐃᒪᖅ, ᓄᓇ ᐊᒻᒪᓗ ᐊᕙᑎᖓᑦ, ᑯᐸᒃ, ᑲᓇᑕ

ᐅᑭᐅᖅᑕᖅᑐᒥᑦ ᐃᒪᖅᓱᐃᑦ: ᐊᐅᓚᓂᖃᖅᑐᓐ ᑐᑭᓯᔪᒥᓇᖅᑐᐋᓗᒻᒥᑦ!

Qujannamiik: C. Dupont, C. Vallières, P.-G. Rossi, S. Lévesque, W.F. Vincent, C. Lovejoy, G. Gauthier, CRSNG-IPY MERGE, Federal IPY, ArcticNet, FQRNT, Parks Canada, PCSP, Indian and Northern Affairs Canada.

ᐊᑦᑐᐃᓂᕆᔭᖏᑦ ᐃᒪᖅᓱᐃᑦ ᐃᓅᓯᕆᔭᑦᑎᓐᓄᑦ?

ᑕᐅᑐᓐᖑᐊᒐᖅ 1: ᓄᓇᕐᔪᐊᑉ ᐅᖅᑰᓯᕙᓪᓕᐊᓂᖓ  ᐅᓄᕐᓂᖅᓴᑦ ᐃᒪᖅᓱᐃᑦ  ᐊᖏᓪᓕᓂᖓ ᓱᕋᑦᑎᕐᓂᖓ  ᐅᓄᖅᓯᓗᑎᒃ ᐆᒪᔪᕕᓃᑦ ᕿᒪᑦᑕᖏᑦ ᐊᒻᒪ ᓂᕿᔅᓴᐃᑦ ᐃᒪᕐᒥᑦ  ᐱᕚᓪᓕᖅᑐᑦ ᐊᓂᐊᓂᖏᑦ ᐳᓪᓚᐅᔭᓂᒃ
ᑕᑯᔅᓴᐅᓐᖏᑦᑐᓄᑦ ᐆᒪᔪᓄᑦ  ᐅᖅᑰᓯᕙᓪᓕᐊᓂᐊᕋᓱᒋᔭᐅᔪᖅ ᐊᖏᓕᕕᓪᓕᐊᒍᑎᒃ ᐊᓂᐊᔭᐅᔪᑦ…

ᑕᐅᑐᓐᖑᐊᒐᖅ 2: ᓄᓇᕐᔪᐊᑉ ᐅᖅᑰᓯᓂᖓ  ᐃᒪᖅᓱᐃᑦ ᐃᒪᐃᕐᓗᑎᒃ ᐅᕝᕙᓗ ᐱᕈᖅᓯᐊᓄᑦ ᐱᕈᕐᕕᐅᓕᕐᓗᑎᒃ  ᒥᑭᓐᓂᖅᓴᐃᑦ ᐊᓂᐊᔪᑦ ᐳᓪᓚᐃᑦ ᒑᓯᐅᔭᑦ ᓯᓚᐃᓐᓇᕐᒧᑦ.

ᐃᒪᕐᓂᑯᐃᑦ
ᐅᑭᐅᖅᑕᖅ
ᑐᒥᑦ
ᐃᒪᖅᓱᐃᑦ

ᑭᓲᒻᒪᑕ ᐊᐅᒍᑎᓯᒪᔪᑦ ᐃᒪᖅᓱᐃᑦ?

ᐊᐅᒍᑎᓂᑯᑦ ᐃᒪᖅᓱᐃᑦ ᐃᑎᖅᓴᐃᑦ
ᓄᓇᒥᑦ ᐃᒻᒥᕐᓂᑯᐃᑦ
ᐊᐅᑉᐸᓪᓕᐊᓂᖓᓄᑦ ᓄᓇᐅᑉ

ᖁᐊᖑᓂᖓ (ᐃᔾᔪᖅ
ᖁᐊᖑᔪᕕᓂᖅ).

ᓄᓇᕐᔪᐊᖅ
ᐅᖅᑰᓯᕙᓪᓕᐊᓂᕋᖅᑕᐅᒻᒪᑦ
ᐊᖏᓕᕙᓪᓕᐊᑎᑦᑎᔪᖅ
ᐊᐅᑉᐸᓪᓕᐊᔪᓂᒃ.

• ᐃᒪᖅᓱᐃᑦ ᐃᒪᖏᑦ ᖃᐅᔨᓴᒐᔅᓴᓂᒃ

ᐱᕝᕕᐅᑲᖅᖢᑎᒃ ᐃᓗᐊᒍᑦ ᓯᕐᒥᓕᐅᑉ
ᒥᕐᖑᐃᖅᓯᕝᕕᖓᓂᑦ ᒥᑦᑎᒪᑕᓕᐅᑉ
ᐊᑭᐊᖓᓂᑦ ᐊᒻᒪᑦᑕᐅᖅ ᖃᓂᒋᔭᖓᑕ
ᓄᓇᓕᖓᑕ ᑰᔾᔪᐊᕌᐱᐅᑉ ᓄᓇᕕᒻᒥᑦ.

• ᖃᐅᔨᓴᒐᔅᓴᑦ ᐃᒪᐃᑦ ᕿᒥᕐᕈᔭᐅᓗᑎᒃ
ᖃᐅᔨᓴᐃᕕᔾᔪᐊᕐᒥᑦ.

ᖃᓄᕐᓕ ᖃᐅᔨᓴᖅᑕᐅᓗᑎᒃ ᐃᒪᖅᓱᐃᑦ?

ᓄᓇᐃᑦ
ᖃᐅᔨᓴᕐᕕ
ᐅᔪᑦ

ᐊᒃᑎᒋᓂᖏᑦ ᑕᑯᔅᓴᐅᓐᖏᑦᑐᑦ ᐅᕙᓐᖓᑦ 1 ᑎᑭᓪᓗᒍ 100 ᒪᐃᑯᕌᓐᔅ

1 ᒪᐃᑯᕌᓐ = 1000-ᖏᖅᓱᖅᖢᓂ ᒥᑭᓐᓂᖅᓴᖅ 1 ᒥᓕᒦᑕᒥᒃ

Crenothrix polyspora Pelodictyon clathratiforme

Coelastrum sp.

Euglenophyceae
Chlorophyceae

Ankistrodesmus sp. Chrysophyceae
Dinobryon sp.

Cyanophyceae
Anabaena sp.

Gonium sp.

Teilingia sp. Cosmarium sp.

Ankyra sp.

ᐃᒪᖅᓱᐃᑦ ᑕᑕᑦᑐᑦ ᑕᑯᔅᓴᐅᓐᖏᑦᑐᓂᒃ ᖁᐱᕐᕈᓂᒃ!

Diatomée
Chaetoceros sp.

ᐳᕉᑐᔪᐊ
(ᑕᑯᔅᓴᐅᓐᖏᑦᑐᑦ
ᐆᒪᔪᐃᑦ)

• ᕿᓂᖅᓴᖅᖢᑎᒃ ᑕᑯᔅᓴᐅᓐᖏᑦᑐᓂᒃ ᖁᐱᕐᕈᓂᒃ
ᐊᔾᔨᒌᓐᖏᑦᑐᓂᒃ ᐃᒪᖅᓱᐃᑦ ᐃᒪᖏᓐᓂᒃ ᓇᓗᓇᐃᕐᓗᒋᓪᓗ
ᖃᓄᖅ ᐊᐅᓚᓂᖃᕐᒪᖔᑕ ᑭᓱᓄᓪᓗ
ᐱᕙᓪᓕᐊᑎᑕᐅᒻᒪᖔᖏᑕ.
• ᑐᑭᓯᓇᓱᐊᕐᓗᑎᒍᑦ ᐃᓂᒋᔭᖏᑦ ᑕᒪᒃᑯᐊ ᐃᒪᖅᓱᐃᑦ
ᐊᐅᔅᓯᒪᔪᑦ ᓯᓚᐅᑉ ᐊᐅᓚᓂᖓᓄᑦ.

ᖃᓄᐃᒻᒪᑦ ᖃᐅᔨᓴᖅᑕᐅᕙᑦ ᐃᒪᖅᓱᐃᑦ?

• ᐊᓂᖅᓵᖅᑐᓄᑦ ᐊᓂᐊᔭᖅ ᐊᑎᓕᒃ ᑳᐸᓐ
ᑎᐊᒃᓴᐃᑦ (CO2) ᐊᒻᒪ ᓱᕋᑉᐸᓪᓕᐊᔪᑦ
ᐊᓂᐊᔭᖓ ᐳᓪᓚᐅᔭᖅ (CH4) ᒪᕐᕉᕘᒃ
ᐊᑦᑐᐃᓂᖅᐹᒍᔫᒃ ᒑᓰᑦ.

• ᓴᖅᑭᑕᐅᓯᒪᕗᑦ ᐊᖏᓛᖑᔪᒥᒃ ᖃᓪᓗᓈᑦ
ᐱᓕᕆᐊᖏᓐᓄᑦ, ᑭᓯᐊᓂᑦᑕᐅᖅ ᓄᓇᐅᑉ
ᐃᓕᖅᑯᓯᖓᒍᑦ ᓴᖅᑭᑕᐅᕙᒃᑭᓪᓗᑎᒃ!

• ᐳᓪᓚᐅᔭᑦ ᐅᖅᑰᓯᑎᑦᑎᕙᓪᓕᐊᔪᑦ ᕿᐱᑦᑎᑐᑦ
ᐅᖅᑰᓯᕙᓪᓕᐊᑎᑦᑎᕗᑦ ᓯᓚᑦᑎᓐᓂᒃ.

ᐳᓪᓚᐅᔭᑦ ᐅᖅᑰᓯᑎᑦᑎᕙᓪᓕᐊᔪᑦ

ᐅᖅᑯᒥᐅᓂᖅᓴᐃᑦ
ᐅᑭᐅᖅᑕᖅᑐᖓᒍᑦ
ᐃᒪᖅᓱᐃᑦ ᐊᔾᔨᖃᓐᖏᓚᑦ
ᖁᑦᑎᑦᑑᑉ ᐃᒪᖅᓱᖏᓐᓂᒃ

CO2 CH4

ᐊᐅᓐᓂᑯᑦ ᐃᒪᖅᓱᐃᑦ ᑳᐸᓐᒥᒃ ᐅᑎᖅᑎᑦᑎᓂᕆᔭᖏᑦ

1. ᐃᔾᔫᑉ ᓱᕋᑉᐸᓪᓕᐊᓂᖓ
ᓴᖅᑭᑎᕆᒻᒪᑦ ᐆᒪᔪᕕᓂᕐᓄᑦ
ᕿᒻᒪᒃᑯᓂᒃ (ᐃᔾᔪᕕᓃᑦ
ᑳᐸᓐᖃᖅᖢᑎᒃ ᐊᒻᒪ ᓂᕿᔅᓴᑦ)

4. ᐊᓄᕆᒧᑦ
ᐃᖑᓚᖅᑕᐅᓂᖏᑦ
ᐃᒪᐅᑉ ᐃᑎᓕᕇᖏᓐᓄᑦ
ᐳᓪᓚᐅᔭᕐᓂᒃ
ᐊᓂᐊᑎᑦᑎᕙᑉᐳᑦ
ᐃᖅᑲᕐᒥᐅᑕᐅᔪᓂᒃ
ᓯᓚᐃᓐᓇᕐᒧᑦ
ᑎᑭᐅᑎᕙᓪᓕᐊᓪᓗᑎᒃ

CO2 CH4

2. ᖁᐱᕐᕈᕋᓛᑦ “ᓂᕆᕗᑦ” ᕿᒻᒪᒃᑯᓂᒃ

ᐆᒪᔪᕕᓂᕐᓄᑦ ᐊᓂᐊᑎᑦᑎᓪᓗᑎᒃ CO2 ᐊᒻᒪ
CH4 ᐊᓂᖅᓵᓕᕌᖓᒥᒃ, ᓲᕐᓗ ᓂᕐᔪᑎᑎᑐᑦ
ᐊᒻᒪᓗ ᐃᓄᑦᑎᑐᑦ!

ᐊᕙᓗᓐᖑᐊᑦ
ᐅᕝᕙᓗ
ᑐᑭᒨᖓᔪᑦ
ᐅᑭᐅᖅᑕᖅᑐ
ᒥᑦ
ᐊᐅᒍᑎᓯᒪᔪᑦ
ᐃᒪᖅᓱᐃᑦ

3. ᖁᐊᔭᐅᑎᑦ ᐊᑐᕐᒥᕗᑦ CO2 -ᒥᒃ
ᐱᕈᖅᓴᓇᓱᐊᖅᖢᑎᒃ, ᓲᕐᓗᓕ
ᐱᕈᖅᓱᐊᑎᑐᑦ ᐊᒻᒪᓗ ᓇᐹᖅᑐᑎᑐᑦ!