

EDUCATION OUTDOORS NORTHERN ONTARIO





EDUCATION OUTDOORS

NORTHERN ONTARIO

BY

Peter R. Koens
Principal
St. Anne's School
Fort Albany, Ontario

Education Branch
Department of Indian Affairs
and Northern Development
55 St. Clair Avenue East
Toronto, Ontario M4T 2P8
1979.

Outdoor Education

The rationale behind education outdoors is the possible syntheses between academic performance and a definite cultural milieu:

The major criteria which can act as catalytic agents in achieving this synthesis would be as follows:

- a) appreciation of the physical setting of the cultural grouping.
- b) functioning within this physical setting so that a supportive life style can be continued or begin to evolve.
- c) achieving those skills which are a natural expectation of a traditional hunting/fishing culture.
- d) introduction of primarily academic skills which will allow for an analysis of the environment and therefore allow for the continuation of a balanced environment.
- e) retain the aesthetic values of the physical setting so that the attitudinal values of the traditional culture/religion is maintained.
- f) provide the student with those skills which will provide him with a viable choice as to the possibility of a meaningful life-style based on a combination of "bush" and academic skills.

$\Gamma, \vdash C \Delta_0 \vdash P \wedge P \Delta L \vdash \Delta b \Gamma d \wedge C V_d$

•△ε•△∩Γ' ⊢ ⑧⑨▫△L9•△'

¶ 6 > b ▷ r p^n p_o dL b o · d' · d_a · d n r' · d u q q · b_a, v d · b o L p f p
d p' · p f p d r b u p < , p f · d r c o · d' · d o o · d a L o r' · d' x p f d r f < o
p^n p_o dL q · d o' x

$\Delta \sigma \Delta L b \quad q \cdot b e \quad b \quad \sigma b \circ \sigma C \circ b P \quad q \quad \triangleright r \quad \cdot \Delta r C \sigma \cdot \Delta^r \quad \triangleright L \quad \Gamma r \cdot \nabla \quad b \quad \Delta f a \cdot b^r$

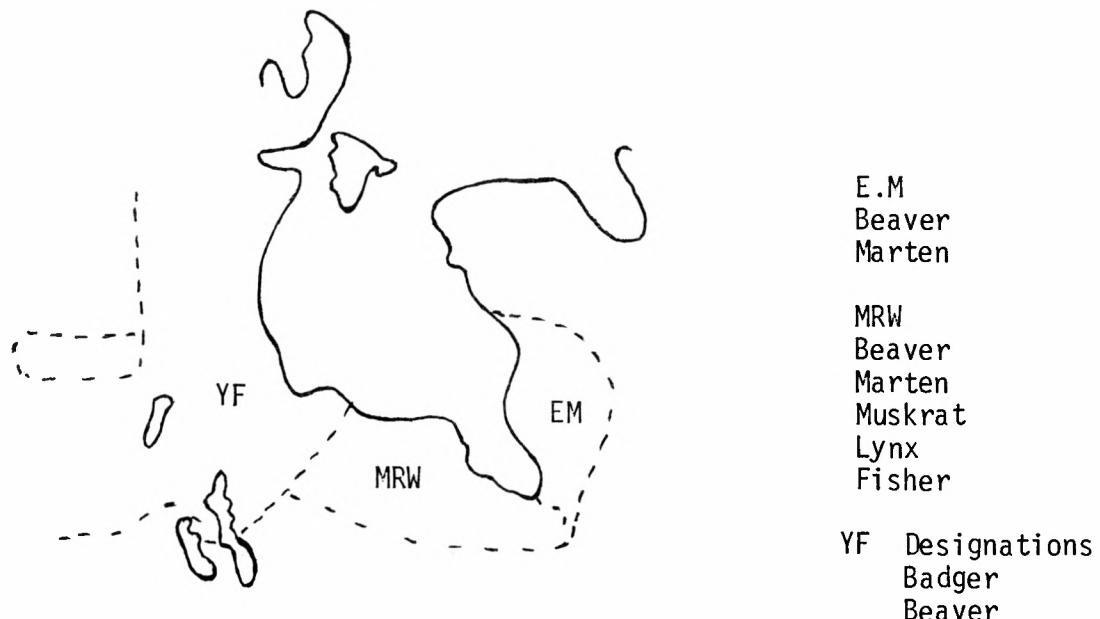
Trapping

Historical Background

With the coming of the Europeans in the fifteenth century, Indian lifestyles were dramatically changed to meet the new mutual economic expectations.

Prior to this time the Indian had fashioned his utensils from stone, wood, and hide combinations. However, with the coming of the French colonists he was introduced to steel tools. At first a luxury. Later a basic necessity. The need for the various trade items changed the lifestyles of the northern tribes to meet the new demands. The bands at this point had no alternative but to begin trapping for fur rather than hunting for food. This would of course lead to radical cultural change.

Fur Designations



▷ Cə` b ΔC)ΓbU`

σ^n` b ∨r Cdfm·Δd<σ ΔbΓ PΓbΓ·Δ L'U·Δ` σLm6·< ΓC)ΓCə
 ▽Δ>ab` , Δσσ·Δ ALU`·Δ ΔΔ)CJ·Δa p Δn Δf<σ·Δ` , ▽ΔLsU LaU
 rbs·Δ` PΓ ▽PL` ΔU9x
 •▽`b- ·Δa Δf ▷Cə` ΔσL Δσσ·Δ` ▽fCLr<σ` □Lə·Δ` ▽'Δ<ΓC·Δσ·Δ`·Δ
 ▽ΔσL ▽ Δ<ΓΔr` Γ^Udσ` σ^n` Lb ·ΔLsPmσ`·x ▽d Lb b ∨r Cdfm·Δd
 <σ σ^n` ▽ΔnU·qL·Δ` p ·Vc·Δ` △·ΔLq·q·bax ▽`b- ·Δ b Vc·Δd
 <σ L·Δ` b Γ·aMσσP)·Δxx P`·b Lb ΔσL a9 ·Γf AΔ b aC·Δ`·b
 σσP`
 ▽d Lb ▽L bP ΔL(G)σ·Δ` p)Cf·Δ` Δσσ·Δ` f Δf<σσ` ▽ ALU`·Δ
 σ·Δ` , ▽U p·Δn` p aP`·b·L` ▽D q·bax
 ▽d Lb b ▽PLbσ·Δf` J` ·Δf` ▽f Δf Γσd·Δ` pΓ ·Δ·Δa<CP` Cσ
 •▽σ` q ·ΔfΔd·Δ`·x
 ^d Lb p Δn ·Δ·ΔσΔq·Δ` ▽ aC·Δ`·q`·Δ` ·Δa pΓ aCΓaDf`·x
 ·bσ Lb ▽L bP ▽f ΔP` pΓ Δn A)J`·bσσ` ▽ ALU`·Δσ·Δ`·x

Δf·Δ` ▽f ΔΔC·b`

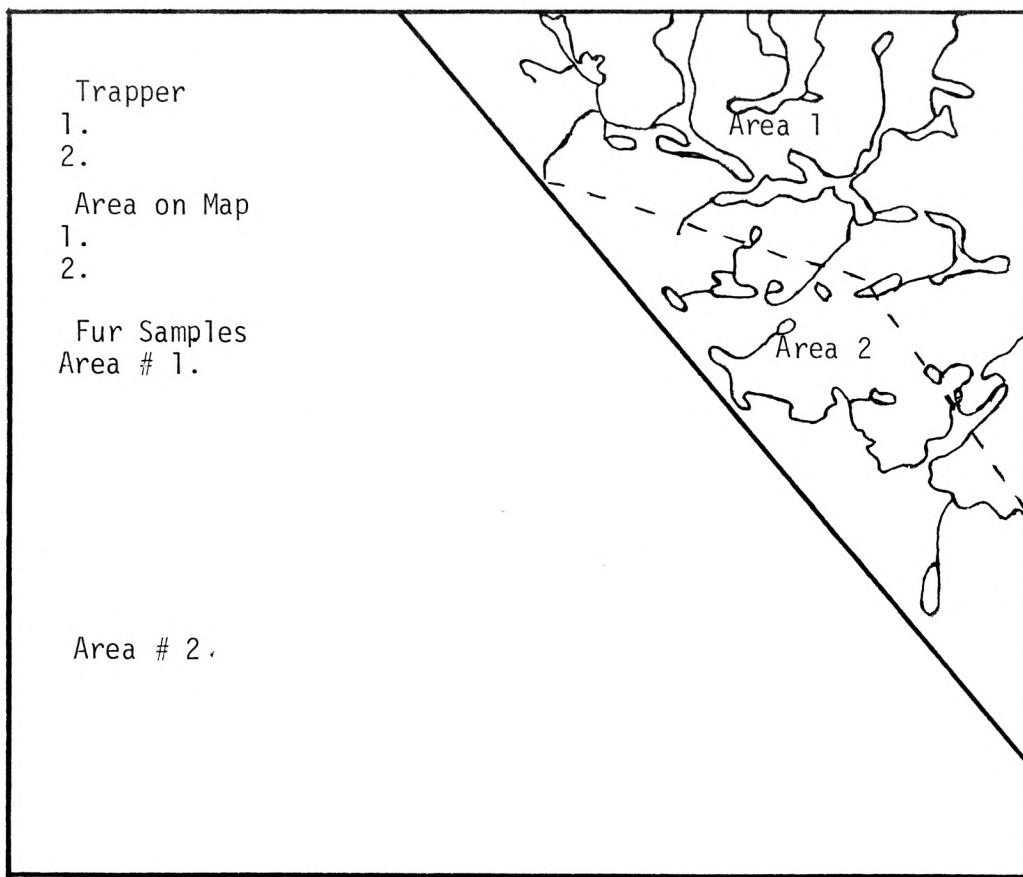
Fur Distribution

To check the accuracy of the preceding Hudson Bay distribution chart, ask five trappers in the area where:

- a) their trap lines are located on this map.
- b) the types of furs most commonly found in these areas.

Area Map # 1

This section is due north of the Ghost River in designation YF



area designation
is south of the
Albany River.
S.W. of Sand
Cherry I. and
Blackbear I.

$\triangleleft \circ \rho = b$ $\Delta S = L \sqcap \sigma \cdot \triangleleft \sigma \cdot \triangleleft \backslash \cdot \triangleleft \sqsubset \cdot \Delta^2 \cdot \triangleright \sqcap$

6. 90% σ-λα, ▷ •ΔσΔφ•Δχ

1) $\triangleright \cdot \triangleleft \sigma \triangleq q \cdot \triangleleft^n p \cdot \triangleleft^o \triangleright c \quad L \vdash_a \Delta b \cup \sigma^o$

2) $\eta \delta \triangleleft \triangleleft \cdot \Delta \sigma \sigma^{\circ} \ L \cdot \triangleleft = \ L \circ b \sigma \sigma^{\circ} \eta \triangleleft \circ$

1

$\triangleleft \circ (\text{b} \triangleleft \text{s}) + \triangleleft \sigma \triangleleft \text{b} \sigma + \triangleleft \text{b} \triangleleft \text{c} \triangleright \text{a} \cup \text{b} \triangleright \text{a} + \triangleleft \ll \text{c}$

▽dCσ ▷L bLpəU\ p. vəpə\ ΔU9b\ r<Δpʌ\

b • ◁_σ △ q'

1 -

2 -

$\triangleright L \cdot \triangleleft \sigma \triangleq q \cdot \triangleleft^n p$

1 -

2 -

$\nabla \times \mathbf{B} = \mu_0 \mathbf{J} + \mu_0 \epsilon_0 \frac{\partial \mathbf{E}}{\partial t}$

▷ L ¹ b ΔCnau

$\delta C^{\wedge} \leq \rho \cdot 2^{-b} \Delta C_{\text{sum}}$

¶_Δ§_ŁęćęΔbU`

Δ^n·Δr·Δbσ` ΔL·ΔP·Δσ·Δ`:

¶ CĘbU` : △ AŁCŁCŁ, ΔPCL·Δ AŁCŁC·Δa △ CŁCŁC·bAŁ, x

12 Łb CŁM, Δn<o·q p' ΔPCL·Δ, VL·ΔP·Δ AŁCŁC·Δ, 1 △ AŁCŁCŁ,

PP Γ_n<σ` a^u·q·Δs·c·Δ, 12 n<<, PP Δs a^u·q·Δs·c<σ`

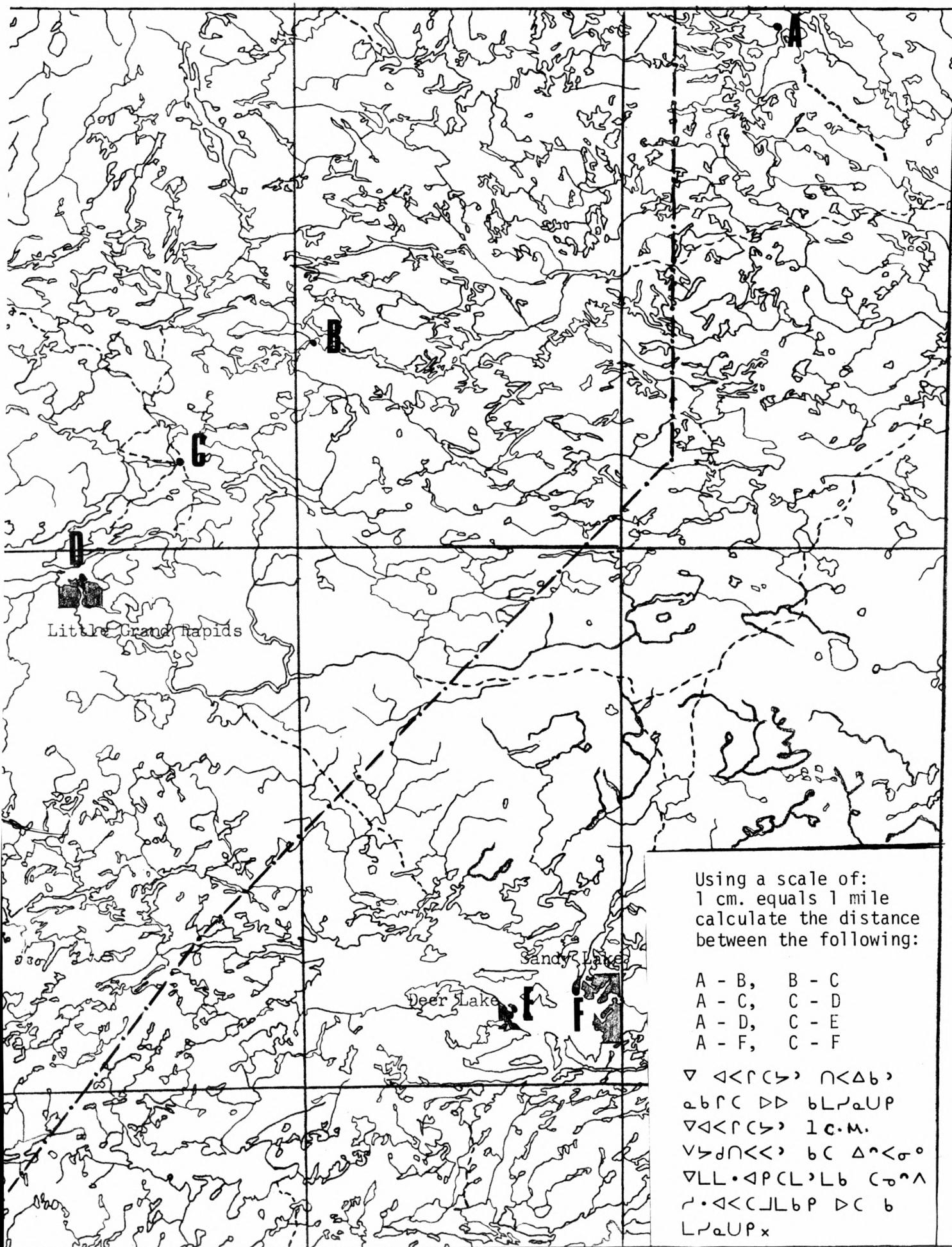
Work Sheet

Map Distance calculations:

Formula: Use your compass or straight edge to find the number of centimetres

from point a - b. Let us assume that the length is 12 cm. now
simply multiply by 1 to come up with an answer of 12 miles.

Eastern Manitoba and North Western Ontario



▷ U የ•ናብዕሱ የ•የመፈረሪዎች፣ አር•ናርርር•ብ፣ የኩ የ•ናርርርንድ፣ ል•ፈሮ
የኩ ዓል•ፈቅ፣ ት ልልዕርርለሁ፣ እ ጽኑበዕሱ ት ለለጠሩዕስ•ፈርኖ፣ የኩ የ ምር
አለጥልበሁ፣ ልርል ዓ•ባ ማርሳ፣ እኩ ሂደት ሽኑበዕሱዋ፡ ት•ፈርልብስ•ፈኝ ት ምር
ፈልጋዕስ•ፈኝ መር ለብ ት ለመፈረሪዕስ•ፈኝ ልል ለብ የ ለምልከብዕሁ•ፈኝ የኩ ዓልጥል
ፈ•ፈሮኝ መ•ኩ መር መለያው እ የ•የመፈረሪዎችኝ እር ጽኑው ልጥ ልጥ ዓልጥል
ፈል እበ ለለጠሩዕስ ጽኑ የኩ ልበ መፈርስ•ፈኝ ልል እኝ ልርርንድ፣ እ ጽኑበዕሱኝ
ች ለለጥልበሸ•ፈኝ

•ፈርልብስ•ፈኝ



አልጥልበሸ•ፈኝ



Northern Education should take into account those skills which will enable the student to create for himself a viable lifestyle based on those traditional skills; hunting, trapping and providing a basic shelter. The following outline is aimed at students in grades seven and eight. With the co-operation of the local school committee and band council, experienced personnel can be found who can impart to the young these vanishing skills.

Trapping



Hunting



Shelter Construction



9256U 2 6 ΔCΡΕΛΛ

▽ Ρ6·9FL' 6 ▷PL·Δ' 6 ▷Πσ9' ▷Δ·Δσ6; ▷ΔΔ 6 6·PC, ΡΓ
Π6Δ ·ΔCL, CσJΔ·6' ▷Δ·Δ' 6 <ΡΠσ6U' αα6° ▽ ΔJ ▷ΠJ·Δ6σ·Δ'

▽δ L6 LΡεΔ ▷▷ 9·6α 9 ΠCΡU' ▷Δ·Δ' ▷Γ^·6L' ▷Πx

1.

2.

3.

4.

5.

6.

<ΥJ ·ΔC L6 ▷▷ 6Π σΛUΡεUΡ

1. L·Δ- 6 ▷PJ'

2. 6 Γ2PJ'

3. 6 ▷J^9PJ'

LΡεΔ ·ΓΓ 6 ΔCΡΓ' ▷C ▽ ΓσJ^·ΔL'

1. ▷Γ^

2. ·ΔΛ^C

3. Σ·9J°

4. L9J°

5. ΛJ°

6. L^·6L'

Assignment # 2

After conversation with the Hudson Bay manager, you should be able to explain in detail some relevant factors which relate to the pricing of a pelt.

Indicate the steps you would take to price a beaver pelt.

a)

b)

c)

d)

e)

f)

Explain the following terms:

a) prime pelt

b) blanket size beaver

c) raw-hide

Give the local prices for prime pelts of:

a) Beaver

b) Marten

c) Mink

d) Fox

e) Lynx

f) Bear

የርጋብዕሱ እኔ ማርያዙሁ

የዚህ የዚህ>ውጭ> ማረጋገጫ በዚህ የዚህ>ውጭ> ማረጋገጫ በዚህ የዚህ>ውጭ>

የዚህ>ውጭ> ማረጋገጫ በዚህ የዚህ>ውጭ> ማረጋገጫ በዚህ የዚህ>ውጭ> ማረጋገጫ

የዚህ>ውጭ> ማረጋገጫ በዚህ የዚህ>ውጭ> ማረጋገጫ በዚህ የዚህ>ውጭ> ማረጋገጫ

የዚህ>ውጭ> ማረጋገጫ በዚህ የዚህ>ውጭ> ማረጋገጫ በዚህ የዚህ>ውጭ> ማረጋገጫ

Assignment # 1

To complete this assignment you may have to talk at some length to either your mother and/or grandmother.

Explain in Syllabics and in English exactly how a beaver is skinned, stretched and cleaned. Indicate clearly the tools and methods used.

•◀σΔb> ▽ C^nCσ•◀>

1 b ΔCμaU<



1 b ΔCμaU< : ▷L •△a σ^nC< •◀Cnσ•△σ•◀> L^nσ•△σΔb> vL< C•△b
b Δf a•b< •◀σΔb> b PΔS •△Cnσbσ•◀> ▽CnU<, ▽d Lb •△a•△
nΓ< bVfCCb< △Γnσ•△nU △S △nU^o x

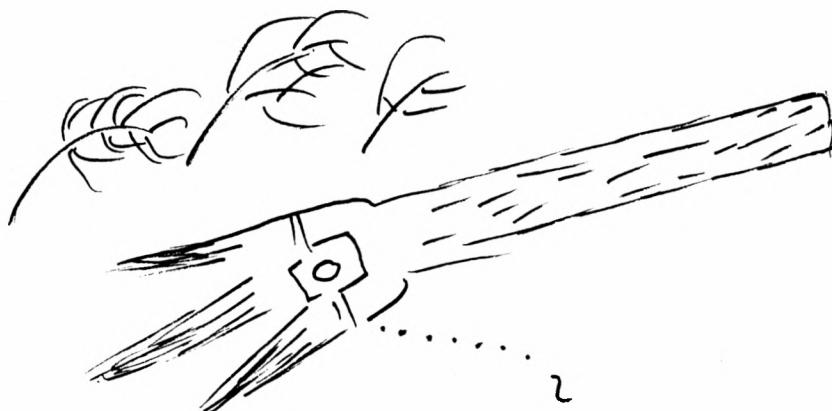
△•C△qnC ▷▷

- 1. L^nσΔ
- 2. △f^vP
- 3. σΛ

2 b ΔCμaU< Γa ▷L •△Cnσ•△σ•◀> σC< nbn•bΔb>, △Cnσ•b<
△σΔC △σσ•◀> .CCP<
△CΛa•b< CΛ^vσ = σC< nbn•bΔbσn< △vΛΓ<

△•C△qnC C>C q ▷F nbn•bΔL> •△σΔb>

- 1. .ΓF •△σΔb>
- 2. nbn•bΔb>



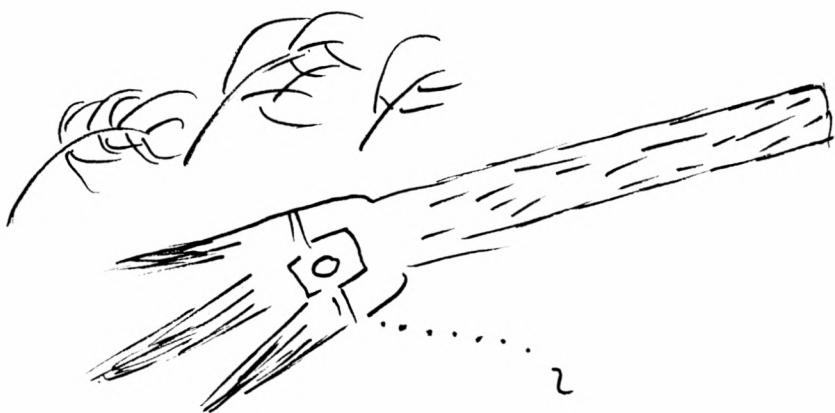
Trap Structure and Use

Figure #1



In figure # 1, you are shown a conibear trap within a pole set. It would have to be located at the entrance of a beaver lodge. Indicate the following:

- Ice cover
- mud-line
- water level



In figure # 2 you are shown another pole set, using an Oneida short spring set pan. Indicate how you would anchor

- the trap itself
- the pole set

• $\Delta\sigma\Delta b^2 \cdot \nabla C \cap C\sigma \cdot \Delta^2$

$\nabla b^2 \cdot b \Delta C \nu_a U^2$

$\sigma^2 \cdot b \Delta C \nu_a U^2$

Figure #1

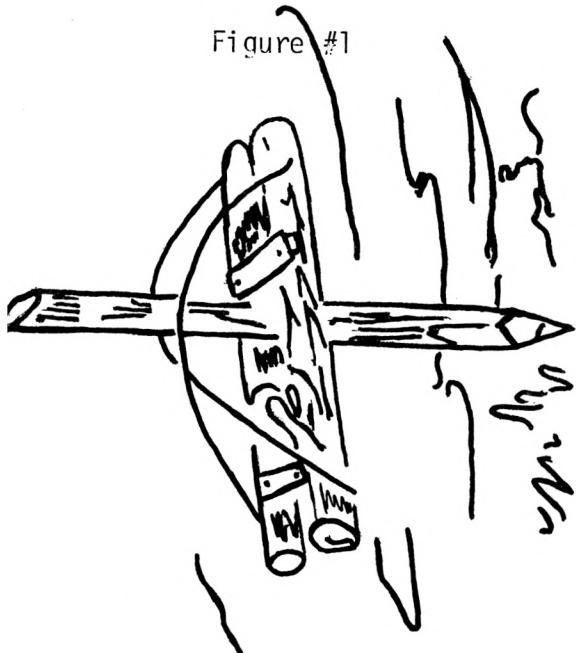
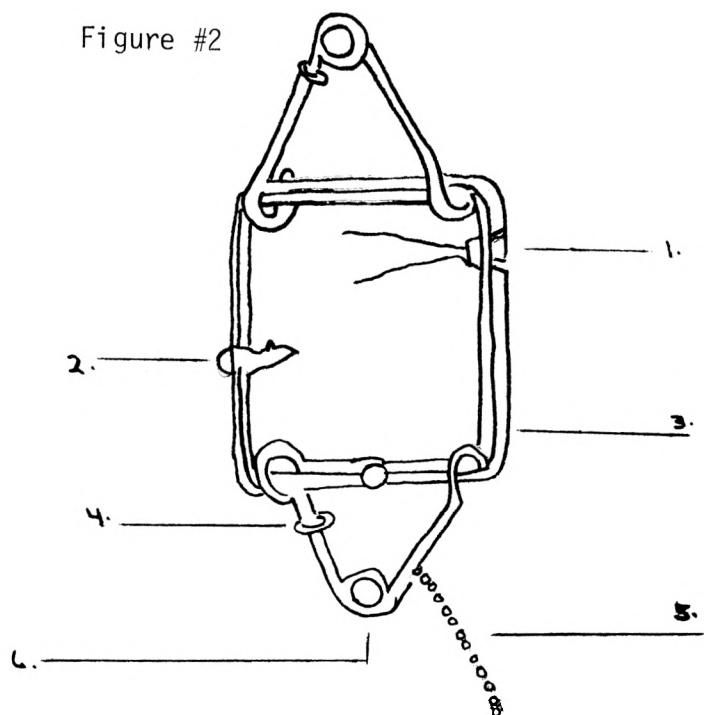


Figure #2



$\nabla \Delta C \sigma \cdot \Delta^2 \cdot C \nu_a \Delta b^2$

1. $\Delta C \sigma \cdot \Delta \sigma \Delta \eta' \cdot \Delta \nu \cdot \Delta C L^2 \cdot \Delta \eta \sigma^2 \cdot \Delta \sigma \Delta b \sigma \sigma^2 \cdot \nu \sigma \nu C \cdot \Delta \nu L^2$
 $\nabla b^2 \cdot b \Delta C \nu_a U^2, \Delta \nu - L b \cdot b \Delta \sigma \sigma \cdot \Delta \nu \nu \nu \Delta L^2 \cdot \nu \nu \Delta \sigma \sigma \cdot \Delta \nu_a \Delta b U^2$
 $\Delta L \cdot \Delta C \nabla \cdot \Delta \nu b U^2 x$

2. $\Delta \sigma \Delta C L^2 \cdot \Delta \eta \sigma^2 \cdot \sigma^2 \cdot b \Delta C \nu_a U^2 \wedge \Delta \nu \cdot \Delta \nu_a \cdot \Delta \sigma \Delta \eta' \cdot \Delta \nu \cdot b \nu \nu \sigma^2 \cdot \Delta C L^2 \cdot \Delta L^2 \cdot \Delta \nu \cdot \Delta C L^2 \cdot \Delta L^2 \cdot \Delta \nu_a \Delta b U^2 x$

Trap Structure and use

Figure #1

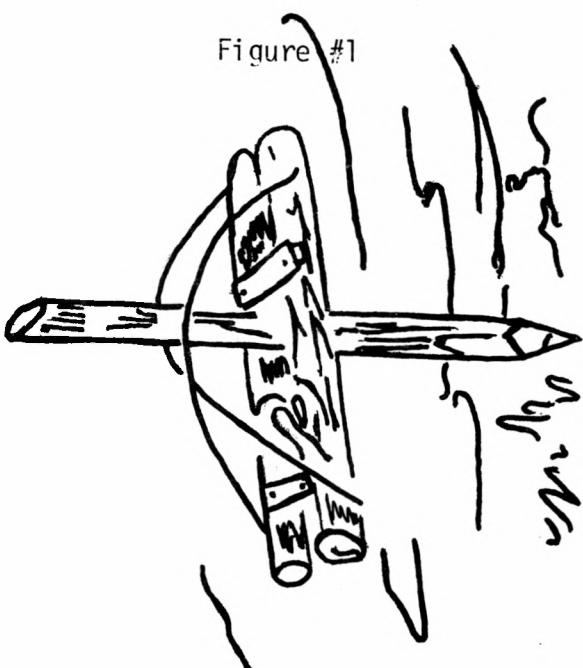


Figure #2

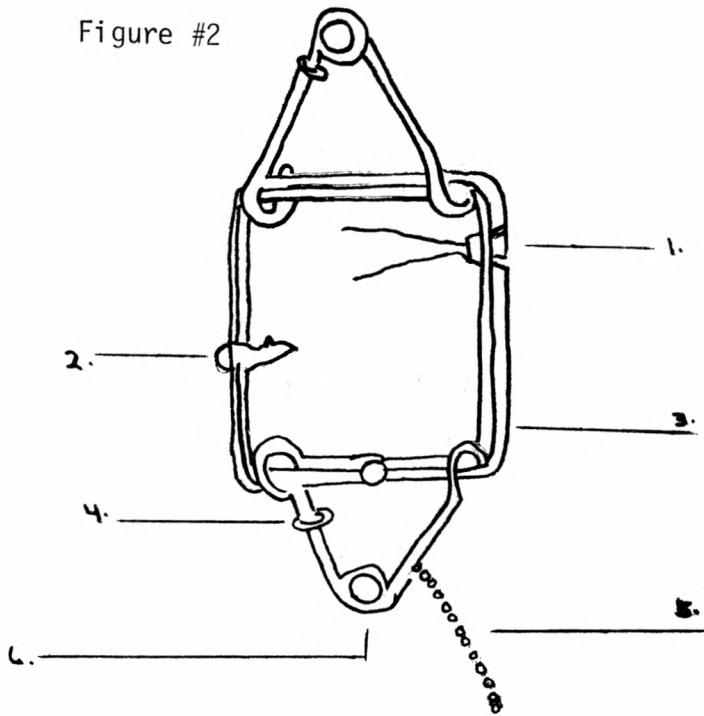
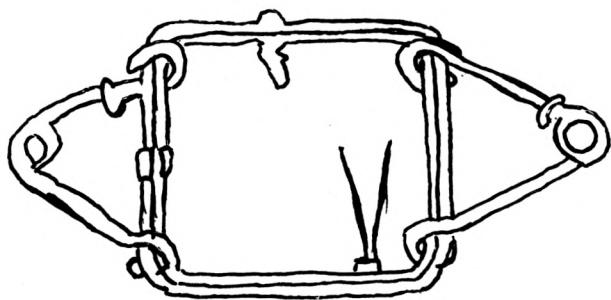


Diagram Use

1. Have any experienced trapper indicate the use of the trap in Figure #1. With the help of your Cree Instructor translate the proper use of the trap into syllabics.
2. Discuss the trap structure in Figure #2 with any trapper or the Hudson Bay manager and attempt to label the work parts.

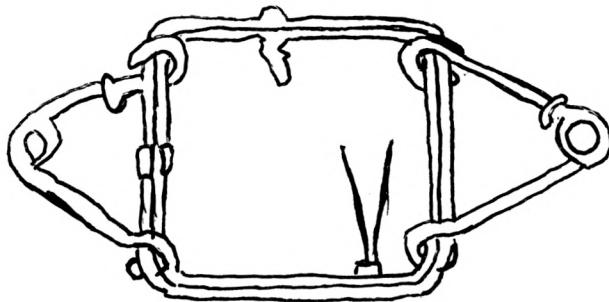
▷ •◀σΔbσ•◀＼・ՂՐ 9 ԾՐԵՍՔ<



Trapping Tips

1. Do not rush the trapping season. Pelts taken before the season opens are not prime and are of little use and value.
2. Check the trapping area carefully. Look for the signs of fur bearing animals. Learn their habits, where they live, and where and when they travel.
3. Always boil the traps to remove the manufacturers's oil prior to setting the traps.
4. Check the traps before setting out. Be sure that they are in good working order.
5. Use gloves to keep sets free of human scent.
6. Do not set the pan too hard, this will neccessitate extra weight to set it off.
7. Check sets regularly.
8. REMEMBER, CLEAN PELTS MEAN MORE MONEY.

Structure of the trap



Sketch is based on "Victor" long spring trap.

▽d Lb Γa qb .Δ~bc p □n Δp, rr <~q ·Δσ) f × v_c b_a ~ σ~c
 ▷rl dJn~ b ΔC~b~a~r~ □n d h~b~σ~ p ΔCC~·Δ~ ΔC b Δs c~b~o
 ·Δd<~o ·CΓaD ·ΔbΓ·b q Δs a~a~r ·Δa~a~σ ·Δ~x ▽d Cσ Lb b Δs
 ·c ·Δd<~o ▷d Δσσ ·Δ~ ·Δd~ ·Γr b Δs C·b~ □o - □n d h~b~Δb~x
 9) r b U~ ▷L l b ΔC~a~U~: □~p ·Δr~a~Δb~ u ·Δ~o ~ ΔU~ Lσ) < , σ~c
 a~b~v~Δ~o ~ ΔU~ ▷c n~x ▽ ▷d<~r~r~ Lb p σ~p~Δ~·b~ σ~c ~p~n~d~·Δ~
 r ·Δr~Δ~p~ rr Γ~b~L~ c~c ▽s c~b~p ▷d ΔC ·Δa ▷c b~n σ~U~r~a~U~p
 σ~c ΔC b Δs ~J~U ·Δd<~o b << ▷r~r~r~ ·Δ~b - Δσσ ·Δ~ x

b~a ·Δ<~c Γ ·q~a~v~---- ·Δσ~v~d~h~b~Δ~

- 1) Γσ~n~p~d~h~b~Δ~
- 2) ▷~v~·<~v~ ·Δ~b~Δ~
- 3) h~b~r~·Δ~
- 4) rr ~L~·b~
- 5) ·Δ~v~n~·q~v~
- 6) ▷Γ~·b~r~·Δ~ h~b~Δ~
- 7) rr c~b~
- 8) ▷d~h~b~v~L~·Δ~
- 9) ·Δ~v~d~·Δ~ <·Δ~n~
- 10) ·Δσ ·c ·Δh~b~Δ~
- 11) rr <c ·b~
- 12) ·a~ ·Δ~ ·Δ~b~Δ~
- 13) rr Lσ) ·Δh~b~Δ~
- 14) v~u~ ·h~b~Δ~
- 15) ·Δ~d~ ·Δ~r~Δ~

11 ▽v~rr~n~

·q~p Δσσ~L~b~C~L~·Δ~ p σ~p~Δ~·b~ σ~c ~p~n~d~·Δ~ ▽ ΔC~L~·Δ~r~
 Γ~b~a ·Δ~ ▷c b ·Δr~b~U~p~x

As time went on a further split in the clans occurred. The Pelican and Little Crane clans moved to the Sandy Lake area where camp was established on a permanent basis. The remaining clan stayed at the approximate present Deer Lake site.

Assignment # 1 Ref. Map-Eastern Manitoba-North western Ont.

Using your parents and/or grandparents to help you indicate where the following places on the migration route were located.

i.e. Blood Vein - Lake Winnipeg

1. Island Lake
2. Oxford House
3. Sakewwchewun
4. Kich Mut-ta-kwum
5. Wa-pis-tik-way-you
6. Beaver Kill Lake or Beaver Hill Lake
7. Kichi-ta-Kwum
8. O-pus-sa-ka-pis-se-mmo-win
9. Wa-pa-pa-pa-koo-win rapids
10. Lost Lake
11. Kitchi-mutakum
12. Norway House
13. God's Lake
14. Beren's River
15. Severn River

Part II

Translate your parent's or grandparent's version of the migration into Cree.

ԴՈՅՐ ՀԱԾ • ՀԿ

ԼՈՅ ԾԸ ՎԵՐԵՎԱՆ ՎԵՐԵՎԱՆ
--- ՀՈՎ ՀԵՎԵՎԱՆ

Ե ՊՎՐ ԾՐՐ ՀՇԸ ՀԵՎ Ե ԾՄՐ Դ ՊՎՐ ԱՐ ՀԵՎԸ ՀԵՎԸ, ԵՎՏ

Բ ՊԵՏ ՀԵՎԸ ԴՄ ՎԼՈՒԹԵՎԸ ՀԵՎԸ ՀԵՎԸ ՀԵՎԸ ՀԵՎԸ ՀԵՎԸ ՀԵՎԸ

Ե ՎԼՈՒՐ ԴՄ, ԴՄ ԼԸ ՀԵՎԸ ՎԼՈՒՐ ԴՄ ՀԵՎԸ ՀԵՎԸ ՀԵՎԸ ՀԵՎԸ

ՀԵՎԵՎԱՆ ՀԵՎԸ ԴՄ < ԱՐԱՋՄԱՆ ՎԼՈՒՐ ԴՄ ՀԵՎԸ ՀԵՎԸ ՀԵՎԸ ՀԵՎԸ

ՀԵՎԵՎԱՆ, ՀԵՎԸ ԴՄ ՀԵՎԸ ՎԼՈՒՐ ԴՄ ՀԵՎԸ ՀԵՎԸ ՀԵՎԸ ՀԵՎԸ

ՀԵՎԵՎԱՆ, ՀԵՎԸ ՎԼՈՒՐ ԴՄ ՀԵՎԸ ՎԼՈՒՐ ԴՄ ՀԵՎԸ ՀԵՎԸ ՀԵՎԸ



ԾԼ ԼԵ ԵԼՎԱՆ ՀԵՎ ԱՐԵՎԵ, ՀՈ ՄԼՈՎԱՆ ՀԵ:

1) ՀԵՎ ՀԵՎԵՎԱՆ,

2) ԵՎ ՎԵՎ ԵՎ ՀԵՎԵՎԱՆ,

3) ՀՈՎ ՀԵՎԵՎԱՆ,

4) ՄԼՈՎ ՀԵՎԵՎԱՆ,

5) ՀԵՎԵՎ ՀԵՎԵՎԱՆ

History

Sample Area - Northwestern Ontario

- Deer Lake

Migration patterns

Oral and traditional history indicate that the people of this community originated from present day Manitoba. They moved from existing communities at Blood Vein, Island Lake and Little Grand Rapids. They moved in a tribal group comprised of three clans: Little Cranes, Suckers and Pelicans.

On the map below indicate the probable migration route:

Ref. For the below assignment, refer to the map entitled: Eastern Manitoba and Northwestern Ontario. Your initial reference points are E and F.



On the above map locate the following:

- a) Sandy Lake
- b) Favorable Lake
- c) Deer Lake
- d) Island Lake
- e) Severn River



$\Gamma_0 \vdash C \wedge \neg A < \Gamma_0 \cup \{$

9216U\ 2 b ΔC2aU\

•Δ(Łq>dqd+ΔL_d)=ΔC(CSΔ)^nbs+Δ^b b+q bfbσbsU

$\Delta_1 \cdot \Delta_2 \rightarrow C \in \text{Lisp}$



Review

Assignment # 2

Identify both the furs and the pelting operations indicated below:



▽ CΛ .Δ<Γ6U\

ΔΛΔ Lб ▽ P P^PΔΔL'Δ\ ▷L P^PΔΔL9.Δ\ X ΔΛΔ Lб P' ΔUσ

Γ6.ΔΔ.Δ° ▽ P P^9σ7.6\ ▷.ΔLJ55\ b AΛUΔU\ MΓ\ ▷U ΔU9

b ΔJCL\ Paa°X ▷d Lб ▽ P P^ΔJ(C7\ σ°C ▽ CΓ6U\ ▽ .ΔσΔ

b σ.Δ\ σ°C ΔJ- ΔJ<Cσ.Δ\ X

9CΓ6U\ ▷C:

• Δσd\ ▷d ▷.ΔLJ55.ΔL\ ▷C σf b L'Δ.ΔJ P\ X



Review

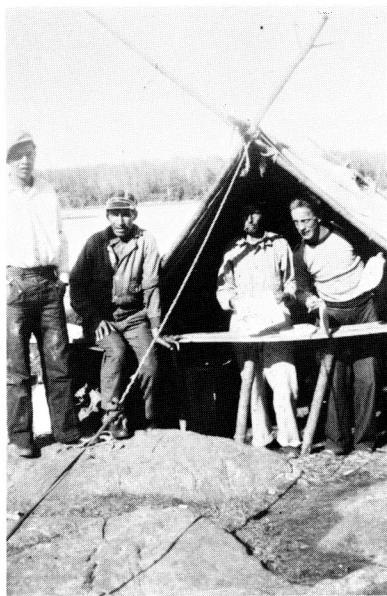
You have now been out on your course and it is hoped that you will now be aware of the animals that are to be found in your immediate area as well as the methods of trapping and pelting them.

Assignment

Identify the furs found Below:



The people of the Deer Lake area where accepted into Treaty in 1910. The basic treaty provisions where quite simple: give control of the land to the government in exchange for a number of benefits. These included \$5.00 per family member per year, \$15.00 per year for each councillor and \$25.00 plus a new suit per year to the chief. In addition there were health and education services for the band which the government would provide.



△σσ·◀` ▶`C ◀∩dհb△bσ` b △c·◀d<σ ♫ a^n d_·◀` ▷σbσq·◀`
△bσσ° 1910 ▽ ▷σσ` ▷▷ ◀mCLq·△a b ♫ ◀mCLr` ♫ aCLr` : ▽
ΓeF` ▷'◀nρ·◀` ° ♫ ▷PL·◀,Γ^d- Lb Γγ` ·△f△d_·△a f_aCLr` x
◀s- Lb aσb·a(△ C) 6Cf_aσ·◀` vLdU·△_·△b` C) ▷>,x-a` aσb
m·<(△ vVb` ▷PLbσz` , a^n c σfca σb_a` ▷(△ ·△a ♫ ▷PLb`
a^n c Lb ▷vPf_σ° x ▷s- Lb ♫ ·△f△F` ▽ ▷d_·F` a^n c ▷s- P^n p
p◀Lq·△σσ° C·Cq` b ▷s ▷Aaσ·◀` ▽ ▷L·△` ▷PLb` x



Treaty

On page three you will find members of the usual treaty party:

- 1) Commissioner
- 2) Provincial delegate
- 3) General Interpreter
- 4) R.C.M.P. officer
- 5) Doctor
- 6) X - ray technician
- 7) Dentist

Can you identify any of these people from the pictures on page 3? What clues are provided?

Assignment # 2

Carefully read your copy of Treaty # 9.

1. Do you believe that the terms of the treaty are fair?
2. If so, why
If not, why?
3. In your opinion have the treaty terms been improved over the years? How?
4. Invite the chief and council to your class to discuss with you changes in the following:
 - a) Education
 - b) Health services
 - c) Housing
 - d) Economic Development
 - e) Transportation
5. Ask your parents if they feel that the quality of life has improved noticeably in the last fifteen years? If so, how?

☞σ>σ·Δ> σ^c ∧d ∩<ΔL9·Δ>

3) bΔCμaU^ b ·Δ<Ua·Δ° bP)ΓbU^ σ^c ε ∇∩<ΔLbσ·Δ^x

1) Pp σ>σ·PL^

2) Δ'ΔD^9ab^ b ΔPLSS·Δσ^r

3) b Δ·U^CL9^

4) Pp ΔP<D·∇r^o Δ^z r ∇^c ∧

5) a^v^c^d^e^

6) b u.<<r^q^

7) ΓΛU ^d^e^

bP σ^c·Δa·Δ^a b Δd Δ·∇σba^ Δc b·Δσ^r^ Δd b Lr^aΛ^vP^P^
3) b Δb^aU^ Cσ ·ΔΔ·ULb^?

9) ΓbU^ 2 b ΔCμaU^:

VbC^ ΔbΓC^ b Lr^aU^ σ>σ·Δ> 9 b ΔCμaH^r^

1) P^c·VU^ a Γr^·∇ bΔ·U^r^ ∩∩ 9 ∇ c·VLbσσ^?

2) P^v^A^ ∩b·V^c^·Δ^a 9·b^a ·Δc

P^v^A^ ∇b ∩b·V^c^·Δ^a 9·b^a ·Δc

3) ∇^s σ^c^CL^ L^b ·ΔfΔd^aσ·Δσσ^·Δ a ΔD 9·b^a?
Lr^aΔ9·Δa Δc^a^ >^a bP Vr^·Cσ·Δ^a?

4) a)Γ^ Pp ΔPLb^ σ^c ∧d ΔPLbσ^s^ b Δs P^P^ΔLr^s^ Pp
Δσ^J^bU^P 9·b^a C^aU^C^J^·Δ^a ·Δa·Δ^o ΔD 9·b^a Δc b Lr^aU^P

P^P^ΔL9·Δ>

aCL9·Δ> Δd^r^·Δσ^ ΔU^q

·Δ^bΔbσ9·Δ>

aCL9·Δa Pp ΔPL^ Δr

ΔJ^·ΔCμ^·Δ>

b·9ΓΓ^ PσPΔ·b^ C^aU^C^P^ Cσ bΔs·ΔfΔ·∇<σ^ Δc^a^ ΔU^q Δ^a^

15 >? P^v^A^ L^b b Γ^a<σ·q Cσ bΔs Γ^a<σ^?

Transportation

In the past, there were three basic methods of transportation

- a) walking
- b) snow-shoeing with or without a dog-team
- c) canoe or freighter

Look at the pictures below and indicate the advantages and disadvantages of the dog-team system of transportation.



△Γ・△C'・△'

• △υ b - • △a σ^n・c<` △f b U<` △ △Γ・△C' a σ・△` σ^n C △Λ<` △f a σ・△`

1) △ L^n C σ・△`

2) △ P b h L σ・△` σ^n C A d A n・L` △ .△?・△f`

3) r L` △ A < C` σ^n C A d a・d- b f u` r L`

b a・A < C ▷▷ l < s v L f a A ^ b A b a , △ d L b •△ C C o s f a < σ` σ^n C L b C o s
△ b f a < σ` A n・L` △ △ Γ C < △ f` △ Λ<` △ f a σ・△` x





Modern Transportation

Indicate, through conversations with a pilot, the approximate capacities for the following air-planes.

- a) Cessna 150
- b) Cessna 172
- c) Cessna 180
- d) Cessna 185
- e) Beaver
- f) Otter
- g) Twin Otter
- h) DC 3
- i) Canso
- j) Hercules

How would these airplanes have changed life in the north as far as the following are concerned?

- a) Price of freight and subsequent store prices.
- b) Transportation for people and materials across the north.
- c) Medical services
- d) Mail service.

In the answers to the above, attempt to compare the past to the present.

$\Delta_b = b \Delta \text{CCP} \nabla \wedge \Gamma \cdot \Delta C_{\alpha\sigma} \cdot \Delta'$

◀σ◀C ▷P .△P ◀LΓL' b Γa' .•△Γ^∩dS° ,Cσ^Aρ<σP bΓaLbP aab°
b △^AρP σ^C Cσσd' .<P(CPbP x

- 1) 400 150
 2) 400 172
 3) 400 180
 4) 400 185

◀ Γ ^ \

- 5) $\Delta\Gamma^{\wedge}$
 6) $\sigma^p \setminus$
 7) $\sigma \cdot \zeta \Delta \sigma \cdot d \setminus \sigma^p \setminus$
 8) $\cap \sim 3$
 9) $b \cdot r$
 10) $\nabla^{\wedge} p \tau$

(σ b Δς ΔΓ<σ` ∧ L∩x.Δ) ρ.∇η_ρ` bΓaLb` ∇)Γ9Lb` ,Δσ` σf b -
▷▷ b∩ σΛUx.ΔUρ ∇^<σΔd_aσ` Δρ?

- 1) $\nabla C P U^A$ б $\mathcal{L} C_{\sigma \cdot A}$ 9.6, $b_{\Gamma a L b}^A$, σ^A $\nabla C P U^A$ 9.6, .58.

2) $\Delta \cdot \nabla_{\sigma} b_a \wedge \nabla_{\sigma} \gamma^a - \gamma^a \wedge b_a \wedge (\nabla_{\sigma} \cdot \Delta \rho + b_a \rho \cdot \nabla_{\sigma} \gamma^a) = 0$

3) → $\text{d}\sigma_a(\text{L}^q \cdot \Delta)$

4) $\vdash \neg a \Delta b a$

$\nabla_a u + q \cdot \nabla f \cdot C_b$, $L_b \Delta_{\sigma} L_C D_C a^{\top} b p \leq \Delta^{\alpha} \nabla_{\sigma} \Delta d_a \sigma \cdot \nabla p \leq q \cdot b_a$
 $\Delta^{\alpha} C L_b \Delta_{\sigma} b \Delta^{\alpha} \nabla_{\sigma} p x$

Transportation

Compare the advantages and disadvantages of the modern snowmobile and the traditional dog-teams under the following headings:

- a) Fuel/Food
- b) Cost comparison of the above
- c) Availability of Fuel/Food
- d) Capacity of the team in comparison to the snowmobile in carrying/pulling power.
- e) Compare the speed of the snowmobile to that of the team.
- f) Compare the conditions in which the snowmobile is able to travel in comparison to the dog-team.
- g) Using sections a - f as a basis choose the method of transportation which you would favor.

Realizing that the basic ski-doo now sells for approximately \$1,300 dollars and that gasoline prices are in areas reaching the price of \$4.00 per gallon, do you think that there is the possibility that the dog-teams may come back to the north?

∧Γ•ΔC^r•Δ,

∇d Lb b_a•Δ< C ∇JΓ_a<_a ^ a^c ∇b ∇J Γ_a<_a ^ Δ_a- b Δ< CP ∇ A^c
 ∧Γ_aσ•Δ^c ^ P^c•Δ^c ^ a^c Lb .Δ^c b - Δ_a ^ ΔU^q ∇ b_a•Δ< CL, ΔU•L^c
 b Δ< fΔ•C<, ▷▷ Lb L< f^c ∇ b_a•Δ< CL, ∇^c<_aΔd_aσ•ΔP_x

1) ∧ΓΔ ΓΓ^c

2) ∇d Lb Δ^c - CΔ^c Δ^c - b_a•Δ< C Δ^c Δ^c AΓ^c bΔ•ULb^c ∇^c<_aΔd_aσ•ΔP_x

3) ∇ Δ< fCσ•Δ^c ∧ΓΔ b A^c<_a•Δbσ•Δ^c ^ a^c Lb Δ^c - ΓΓ^c b Δ< C^c_x

4) Cσσd^c VΓ•ΔC^rσ_aσ•Δ^c ∇ Δ< fΔΓ^c ΔU•L^c ^ a^c Lb ^ P^c ∇ Δ< fΔ^c
 ^ a^c ∇^cΔ^c Cσ•Δ^c

5) Cσσd^c •ΔU^c L ^ P^c ∇Δ< fΔ^c ^ a^c Δσd^c U^c Δ^c ΔU^c ΔU•L^c
 ∇ ▷C VΓ^c_x

6) ^ a^c ΔσJ^c C_aP ∇ Δ< fΔ^c ^ P^c ∇ A^c ∧Γ_aσ•Δ^c, b ΔPP<, ^ a^c
 ΔU•L^c ∇▷ C< ΔΓ^c ∇ A^c ∧Γ_aσ•Δ^c

7) ∇d Lb ∇ a^cΔU•ΔCL, ▷▷ DC bL^cΔU^c I ΔΓ A^c 6 Cσ•Δσ
 Δ•ΔPU P_a 9^cC< C^c CL, ∇ A^c ΔΓ^c

∇d Lb Δ_a- ΔU b_a•Δ< C^c C_aCP^c •Δ^c 1,000 ∇ ΔCP^c
 ^ a^c Lb ∇ CP^c ΔΓΔ b^cΔU^c b^c ∇d Lb Δ_a- b_a•Δ< C^cΔU^c•b^c
 ΔC b ΔU^c, ^ a^c Cσσd^c Γ^cΔU^c L, ΔΓΔ 4,000 b ΔCP^c V^cd U<
 Δb^c, P^cΔU^c a Γ_a P^c P ΔPP<, P^c P^c Δ^cΔU^c ΔU•L^c ∇ A^c
 ∧Γ_aσ•Δ^c?_x

Transportation

The pictures below show the basic types of transportation available in 1940. What changes have come about.

- a) Boats
- b) Dog-teams
- c) Airplanes

Of what materials is this airplane construction? Of what materials are modern airplanes made?



△Γ・△ζρ・△

▷▷ Lrəʌʌbʌba b .d<<CL> .Cf bUP<> v<ʌcraσ·d> 1940 ▷ca

ʌ>·e Cσ Lb b dS drc<σ> ▷L

1) rLa

2) dN·L> vDc<dP>

3) bLəLbP

q·ba Lb v<<c·b>> Pf dS Cσ·d> bΓaLb>?
q·ba d>- v<<cP v dS Cσ·dP bΓaLbP?



9

Housing

Below you will find samples of homes in the 1930's.



▽ · ◇ □ b △ b σ b σ · ◇ ▷

▷ C P · ◇ < U , ▷ S a · b o · ◇ d < o C S q · Δ a ▷ C a ^ 1930 ^ > · a ▷ C a ^ x



Housing

The types of homes which you saw on the preceding page were still in existence and used by most people in Deer Lake as late as 1930. Some of these home types are still used in the bush by such people as trappers, guides and prospectors. However, the average family in Deer Lake has vastly more modern housing.

Compare the traditional and modern homes using the following headings as guides.

Traditional

Modern

a) Heating

b) Lighting

c) Space

d) Comfort

e) Durability

▽ . ◇ ^ b Δ b σ b σ . ◇ ^

▽ d Lb ▷▷ C·Δ (J9·ΔbΓ·b b·◀◀CL, ▽ Lr_aΛ^nRnR RnΛ- P ▷◀C
 . ◇ ^ Δσσ·◇ ^ ◇ n d h b Δbσ ^ b ΔCf ^ 1930 ▽ Λ>abσP P bΛ- Csc
 CCL·◀d<, ▷▷ C·Δ (J9·ΔbC·bx ▵d- Lb RnΛ- ▷◀C·◇ ^ ◇ o-
 mΓ ^ ▽ ·ΔσΔ9f ^ σ^c ^ d ΔσP b ·Δf ·Δf ^ b Vf ·CΓaΔσfσ^c ^ d
 ΔσΔ b mΓCσf b aabfCσf q·ba b9f ·▽ C·bσσP mΓ ^ x ▵d- ·Δa
 ▷·ΔPfU f10·◇ ^ ◇ ·Δ·Δσba ^ ·bL^ ·Δ^bΔba bCJbCfP ^ ◇ n d h b Δbσ ^
 b fσf ^ b ▷JCs·ΔσσP Δσσ·Δ^P ^ x

▽ ^ b = b C f b U P <

▷ p = b C f b U \

1) ▽ d C ·Δσ ·◇ ^

2) ▽ ·Δ^Uσbσ ·◇ ^

3) ▽ ^ΛfC ·◇ ^

4) f ·ΔΛΔσ ·Δp ·q
 σ^c ^ d ▽ P ^ ·Δ ^

5) Cσσd ^ ▽ ^Λf b U ^ (J9·Δ)

Local Government

With the signing of the treaty in 1910, some changes were brought into the Deer Lake area. Deer Lake was regarded as part of the larger Sandy Lake Band. A council was elected for Deer Lake but it formed part of the Sandy Lake Council. The chief of Sandy Lake was therefore responsible for Sandy Lake, Deer Lake and North Spirit. These three separate communities formed a single band.

In 1978 Deer Lake became an independent band. With this new independence will come reserve status, and a direct control of local affairs through elected representatives.

Assignment

- a) Name the present Chief.
- b) Name the members of the present council.
- c) How long is the term of office for
 - a) Chief
 - b) Council

Invite as many of the people listed below to your classroom and have them discuss their position in the community.

- a) Chief
- b) Councillor
- c) Band Administrator
- d) Band Clerk
- e) Social Counsellor
- f) Band Special Constable
- g) Community Health Worker

$\wedge \leq \sigma \Delta \cap \cdot \Delta$

የፌዴራል የሰውን ስም ነው፡፡ በዚህ ደንብ በአዲስ አበባ የኢትዮጵያ ማኅበር የሚከተሉት ደንብ እንደሚከተሉት ይመለከታል፡፡

፭፻፲፯፻፯

- 1) .Δ> △fσb' / △PLb > △C
 2) .Δ> △σ' △PLbσf' /
 3) Cσσd' .△PLbσ•△Δ' △•△a σ^C .△PLbσf' .△f'

፭፻፲፯፻፯

- 1) $\triangleright \rho L b,$
 - 2) $\triangleright \rho L b \sigma J \hookrightarrow$
 - 3) $\Delta \sigma \sigma \cdot \Delta \sim \sigma \hookrightarrow_a b \wedge \epsilon <_{\sigma} \triangleleft'$
 - 4) $\triangleright \rho L J \circ$
 - 5) $b \sim_a C L q' \quad \sigma^{\sim C} \wedge_d b \cdot \Delta f \Delta \cdot \nabla'$
 - 6) $\triangleright \rho \triangleleft \Delta \cdot \nabla \rho \circ$
 - 7) $b \sim_b C C' \quad \Gamma \rho \triangleleft \hookrightarrow \cdot \Delta \sigma \sigma \circ \quad \triangleleft_d \rho' \cdot \Delta \sigma \backslash \quad \Delta U \eta$

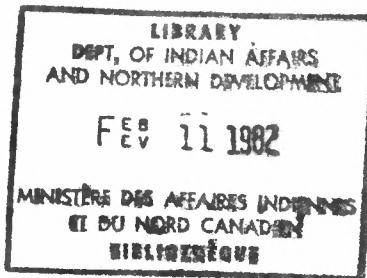
b $\rho \cdot q \wedge b \sim_a \Delta q / \neg \neg \sim_a U^2 \quad b \neq \eta,$

b $L \sim_a \wedge \sim b \Delta q / \neg \neg \sim_a U^2 \quad \neg \neg \sim_a q,$

----- $b_a \cdot \Delta C \quad \eta < r_J \cdot \Delta L \sim_a \Delta b_a$

b $\eta < r_J,$

$\neg \eta \wedge \neg \eta < \sim_C \quad \neg \eta \wedge \neg \Delta \sim_b \Delta b_{\sigma\sigma}.$



A standard linear barcode representing the number 1000003948.

1000003948

E97.K64

AUTHOR
Koens, Peter R.
TITLE
Education outdoors northern Ontario
DATE

LOWE-MARTIN No. 1137

Translator - Sr. Katherine, Ft. Albany, Ontario

Photography - Mr. O. Lindoken, Deer Lake, Ontario

- Look Magazine

Bibliography

Stevens, F.G., The Story of Sandy Lake, Ontario. MS. 1940.