

# Wild Plant and Non-Timber Forest Products Gathering on National Forest Lands During 2001-2002

by

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#### **ACKNOWLEDGMENTS**

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### Wild Plant and Non-Timber Forest Products Gathering on National Forest Lands During 2001-2002

Version 2 Explanation. Errors detected during the preparation of the 2004-2005 harvest season report prompted a complete review of past reports. This revised report includes a variety of corrected numbers for the 1995-1996 through 2001-2002 harvest seasons. The reader may contact GLIFWC to obtain a complete listing of numbers that were changed.

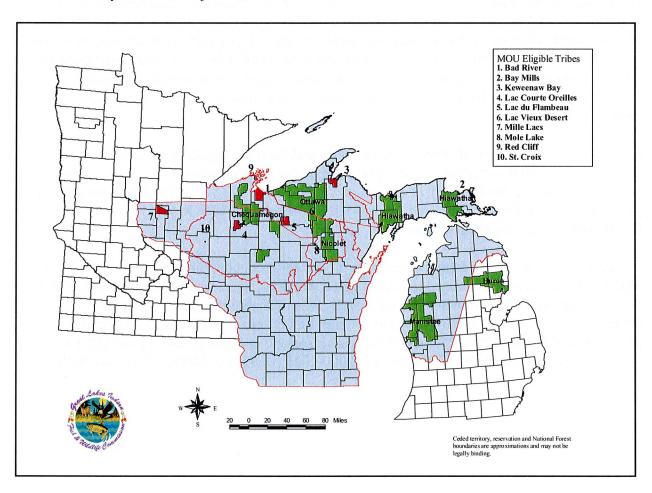
#### INTRODUCTION

Great Lakes Indian Fish and Wildlife Commission (GLIFWC) member tribes have reserved hunting, fishing, and gathering rights in territories ceded to the United States through the Treaties of 1836, 1837, 1842 and 1854. In order to provide for the exercise of these treaty rights on lands managed by the USDA Forest Service (USFS) within the 1836, 1837, and 1842 ceded territories, GLIFWC member tribes and the USFS negotiated interim agreements annually beginning in 1995. At the same time the parties continued discussions to develop a more comprehensive and long term agreement.

In 1998, ten of the eleven GLIFWC member tribes and the USFS signed a Memorandum of Understanding (MOU) entitled *Tribal - USDA Forest Service Relations on National Forest Lands within the Ceded Territory in Treaties of 1836, 1837, and 1842*. The MOU includes the following national forests: Chequamegon-Nicolet in Wisconsin; and Ottawa, Hiawatha, and Huron-Manistee in Michigan (Figure 1).

Wild plant and non-timber forest products are harvested throughout the year. However, for this report, a harvest season is defined as beginning on August 1, when tribal gathering permits may be issued, and ends the following year on July 31, when the permits expire. This report summarizes the results of tribal wild plant and non-timber forest products gathering on the above listed national forests for the 2001-2002 harvest season and compares these results with the six previous harvest seasons 1995-1996 through 2000-2001 (Danielsen 2006a, 2006b and 2006c).

Figure 1: Ceded territories and national forests covered in the Memorandum of Understanding (MOU) entitled "Tribal - USDA Forest Service Relations on National Forest Lands within the Ceded Territory in Treaties of 1836, 1837, and 1842."



#### **DATA COLLECTION METHODS**

Data were collected and summarized from the following sources:

**Off-Reservation Natural Resources Harvest Permits** (Appendix A) are required by tribes for national forest wild plant and non-timber forest products gathering. These permits provide a means for GLIFWC staff to monitor overall tribal interest in gathering. Obtaining a permit does not indicate whether or not a tribal member actually participated in gathering.

Tribal Commercial Gathering Permits (Appendix A) are required by tribes for commercial gathering of specific non-timber forest products. These permits provide a means for GLIFWC staff to monitor tribal interest in commercial gathering. Also, these permits may be used to include any special regulations, approved by tribal councils, that are deemed necessary for the protection of the resource to be gathered. Tribal members choose which commercial products they plan to gather by "checking off" the products on their permits. The products identified on the permit include conifer boughs (branches); the low growing mat-like club moss, princess pine; and the perennial herb, ginseng. Selecting a product does not guarantee it will be gathered. Gatherers are requested to identify the national forests from which they will be gathering. More than one person may be authorized under one permit. These permits are used to determine the number of interested gatherers for each commercial product within each national forest.

**Tribal Gathering Phone Surveys** (Appendix A) allow GLIFWC staff to monitor actual harvest amounts of the non-timber forest products suspected of being sensitive to gathering because of rarity or potential harvest levels. Tribal members targeted for this survey included those issued a Tribal Commercial Gathering Permit and those that checked off a box on the Off-Reservation Natural Resources Harvest Permit indicating that they had gathered non-timber forest products during the previous harvest season.

Initially, tribal members were asked to complete and submit a written survey. Beginning with the 1997-98 harvest season, a phone survey replaced the written survey in an effort to increase response rates and accuracy. In addition, the first version of the survey, issued for the 1995-96 harvest season, limited questions to the harvest of conifer boughs, princess pine, and ginseng. Since 1996-97, a revised survey included additional questions for birch bark and firewood, and asked tribal members to identify the national forest from which they gathered.

Although the survey questions were limited to the above mentioned five non-timber forest products (in order to reduce the imposition on tribal members and to be sensitive to tribal customs), tribal members have the opportunity to harvest over 300 plants that have been traditionally gathered for a variety of uses (Densmore 1928, Meeker et al. 1993).

For the 2001-2002 harvest season and similar to the previous four harvest seasons, Lac Courte Oreilles (LCO) members obtained the most Off-reservation Natural Resources Permits issued for national forest wild plant and non-timber forest products gathering (Table 1, Figure 3). However, the number of permits obtained by Lac Courte Oreilles members for the 2001-2002 harvest season was fewer than that for the 2000-2001 harvest season. Bad River, Lac du Flambeau, Lac Vieux Desert, Mille Lacs and St. Croix members also obtained fewer permits than the previous harvest season. Bay Mills, Keweenaw Bay, Mole Lake and Red Cliff members obtained more permits than the previous harvest season.

Table 1: Number of Off Reservation Natural Resources Permits issued for national forest wild plant and non-timber forest products gathering.

Tribe of Enrollment	1995-1996 Harvest Season	1996-1997 Harvest Season	1997-1998 Harvest Season	1998-1999 Harvest Season	1999-2000 Harvest Season	2000-2001 Harvest Season	2001-2002 Harvest Season
Bay Mills	44	112	124	148	139	133	149
Bad River	67	169	219	249	262	234	179
Lac Courte Oreilles	17	154	586	619	643	450	329
Lac du Flambeau	40	315	314	377	329	249	65
Lac Vieux Desert	55	69	45	77	73	93	78
Keweenaw Bay	- -	-	-	-		4	9
Mille Lacs	9	32	18	78	99	118	15
Mole Lake	54	67	144	142	154	53	155
Red Cliff	36	118	153	211	237	42	250
St. Croix	40	142	75	162	107	115	109
TOTAL	362	1178	1678	2063	2043	1491	1338

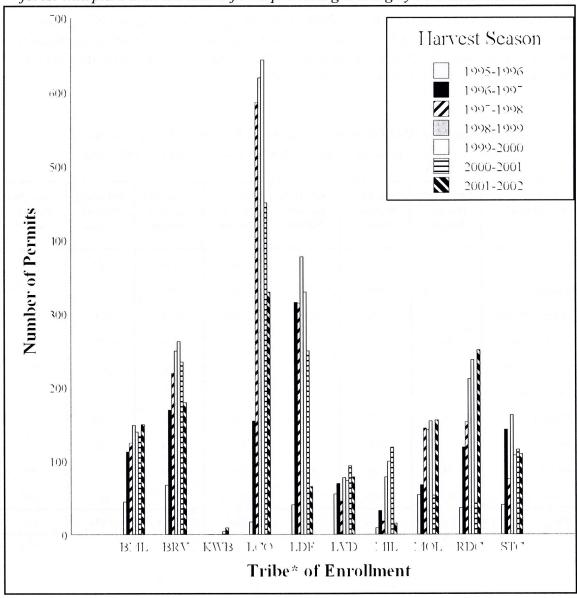


Figure 3: Number of Off-Reservation Natural Resources Permits issued for national forest wild plant and non-timber forest products gathering by tribe and season.

\*BML = Bay Mills, BRV = Bad River, KWB = Keweenaw Bay, LCO = Lac Courtes Oreilles, LDF = Lac du Flambeau, LVD = Lac Vieux Desert, MIL = Mille Lacs, MOL = Mole Lake, RDC = Red Cliff, STC = St. Croix.

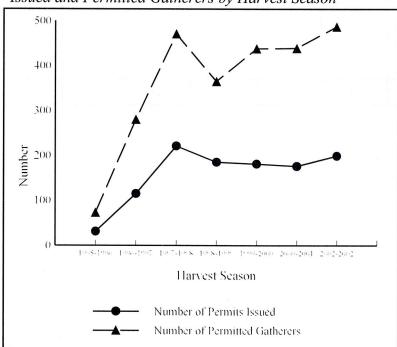
#### **Tribal Commercial Gathering Permits**

For the 2001-2002 harvest season, the number of Tribal Commercial Gathering Permits issued (199) increased for the first time after a three year decline (Table 2, Figure 4). Taking into account that multiple gatherers can be listed under one permit, the total number of permitted gatherers for the 2001-2002 harvest season (487) also increased. On average, for all harvest seasons, there were approximately two gatherers per permit.

Table 2: Number of Tribal Commercial Gathering Permits issued and permitted gatherers by harvest season.

	1995-1996 Harvest Season	1996-1997 Harvest Season	1997-1998 Harvest Season	1998-1999 Harvest Season	1999-2000 Harvest Season	2000-2001 Harvest Season	2001-2002 Harvest Season
Number of Permits Issued	31	115	221	185	181	176	199
Number of Permitted Gatherers	73	280	471	365	438	439	487

Figure 4: Number of Tribal Commercial Gathering Permits Issued and Permitted Gatherers by Harvest Season



For the 2001-2002 harvest season, similar to all the previous harvest seasons except 1995-96, Lac Courte Oreilles members obtained the most Tribal Commercial Gathering Permits (Table 3). Fewer permits were obtained by Bad River, Lac du Flambeau, Mille Lacs, Mole Lake, Red Cliff, and St. Croix members. No permits were obtained by Bay Mills, Keweenaw Bay, or Lac Vieux Desert members.

Table 3: Number of Tribal Commercial Gathering Permits issued by harvest season and by tribe of enrollment.

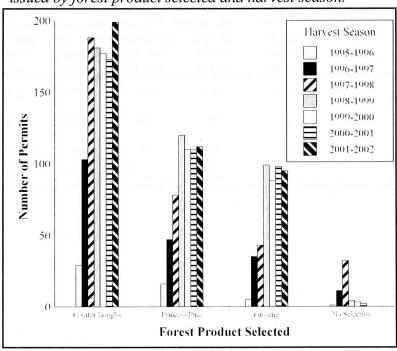
Tribe of Enrollment	1995-1996 Harvest Season	1996-1997 Harvest Season	1997-1998 Harvest Season	1998-1999 Harvest Season	1999-2000 Harvest Season	2000-2001 Harvest Season	2001-2002 Harvest Season
Bad River	6	26	11	19	27	22	24
Bay Mills	0	0	0	0	- 0	0	0
Keweenaw Bay	0	0	0	0	0	0	0
Lac Courte Oreilles	3	66	194	135	117	128	133
Lac du Flambeau	6	3	3	3	9	10	12
Lac Vieux Desert	0	1	0	0	0	0	0
Mille Lacs	1	0	2	4	3	2	2
Mole Lake	6	0	1	3	7	9	5
Red Cliff	8	17	7	18	16	3	19
St. Croix	1	2	3	3	2	2	4
TOTAL	31	115	221	185	181	176	199

Tribal members may select more than one non-timber forest product on Tribal Commercial Gathering Permits. Occasionally, tribal members neglect to make any selection. For the 2001-2002 harvest season, tribal members selecting conifer boughs increased to the highest number recorded over the last seven years (Table 4, Figure 5). The number of tribal members selecting princess pine increased by two from the previous harvest season, while the number of tribal members selecting ginseng decreased by three. For each of the harvest seasons, conifer boughs was selected most often, followed by princess pine and then ginseng.

Table 4: Number of Tribal Commercial Gathering Permits issued by forest product selected and harvest season.

Forest Product Selected	1995-1996 Harvest Season	1996-1997 Harvest Season	1997-1998 Harvest Season	1998-1999 Harvest Season	1999-2000 Harvest Season	2000-2001 Harvest Season	2001-2002 Harvest Season
Conifer Boughs	29	103	188	181	177	173	199
Princess Pine	16	47	78	120	110	110	112
Ginseng	5	35	43	99	88	98	95
No Selection	1	11	32	4	3	2	0

Figure 5: Number of Tribal Commercial Gathering Permits issued by forest product selected and harvest season.



For the 2001-2002 harvest season, all three non-timber forest products were selected the most by Lac Courte Oreilles members, followed by Bad River members (Table 5).

Table 5: Number of Tribal Commercial Gathering Permits issued for the 2001-2002 harvest season by tribe of enrollment and by forest product selected

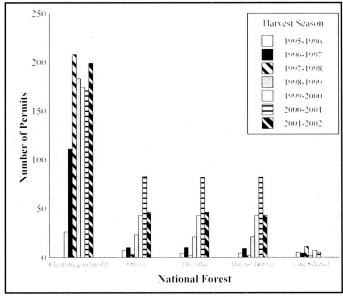
Tribe of Enrollment	Conifer Boughs	Princess Pine	Ginseng	No Selection
Bad River	24	17	16	0
Bay Mills	0	0	0	0
Lac Courte Oreilles	133	69	59	0
Lac du Flambeau	12	11	7	0
Lac Vieux Desert	0	0	0	0
Keweenaw Bay	0	0	0	0
Mille Lacs	2	2	2	0
Mole Lake	5	3	3	0
Red Cliff	19	8	6	0
St. Croix	4	2	2	0
TOTAL	199	112	95	0

Tribal members could select more than one (and occasionally failed to identify any) national forest from which they expected to gather on their Tribal Commercial Gathering Permit. For the 2001-2002 harvest season, similar to all the previous harvest seasons, the majority of gatherers requested permits for the Chequamegon-Nicolet National Forest (Table 6, Figure 6). Fewer tribal gatherers requested permits for the Ottawa, Hiawatha, and Huron-Manistee National Forests.

Table 6: Number of Tribal Commercial Gathering Permits by national forest and harvest season.

National Forest	1995-1996 Harvest Season	1996-1997 Harvest Season	1997-1998 Harvest Season	1998-1999 Harvest Season	1999-2000 Harvest Season	2000-2001 Harvest Season	2001-2002 Harvest Season
Chequamegon-Nicolet	26	111	208	183	174	171	199
Ottawa	7	10	3	23	43	83	46
Hiawatha	4	10	2	21	43	82	46
Huron-Manistee	4	9	2	21	43	82	43
None Selected	5	4	11	2	7	5	0

Figure 6: Number of Tribal Commercial Gathering Permits by national forest and harvest season.



Tribal members from Bad River, Lac Courte Oreilles, Lac du Flambeau, Mille Lacs, Mole Lake, Red Cliff and St. Croix selected the Chequamegon-Nicolet National Forest most often on the 2001-2002 Tribal Commercial Gathering Permits (Table 7). Furthermore, Bad River, Lac du Flambeau, Mille Lacs, Mole Lake and Red Cliff members selected the remaining three national forests equally.

Table 7: Number of Tribal Commercial Gathering Permits by tribe of enrollment and by national forest for the 2001-2002 harvest season.

Tribe of Enrollment	Chequamegon-Nicolet	Ottawa	Hiawatha	Huron-Manistee	No Selection	
Bad River	24	17	17	17	0	
Bay Mills	0	0	0	0	0	
Lac Courte Oreilles	133	14	14	13	0	
Lac du Flambeau	12	6	6	6	0	
Lac Vieux Desert	0	0	0	0	0	
Keweenaw Bay	0	0	0	0	0	
Mille Lacs	2	0	0	0	0	
Mole Lake	5	1 - 1	1	1	0	
Red Cliff	19	5	5	5	0	
St. Croix	4	3	3	2	0	
TOTAL	199	46	46	43	0	

#### **Tribal Gathering Phone Survey**

Sixty-six tribal members reported gathering during the 2001-2002 harvest season from a total of 98 respondents to the phone survey (attempts were made to contact another 101 tribal members, but without success). Compared to the previous harvest season, this was an increase in the number and percentage of respondents reporting harvest (Table 8, Figure 7). Lac Courte Oreilles had the greatest number of respondents reporting harvest, while Red Cliff had the greatest percentage of respondents reporting harvest (Table 9).

Table 8: Number of Tribal Gathering Phone Survey respondents and respondents reporting harvest by season.

4 4	1995-1996 Harvest Season	1996-1997 Harvest Season	1997-1998 Harvest Season	1998-1999 Harvest Season	1999-2000 Harvest Season	2000-2001 Harvest Season	2001-2002 Harvest Season
Number of Harvest Survey Respondents	59	218	95	88	76	89	98
Number of Respondents Reporting Harvest	17	66	21	22	38	41	66
% of Respondents Reporting Harvest	29	30	21	25	50	46	67

Figure 7: Number of Tribal Gathering Phone Survey respondents and percent of respondents reporting harvest by season.

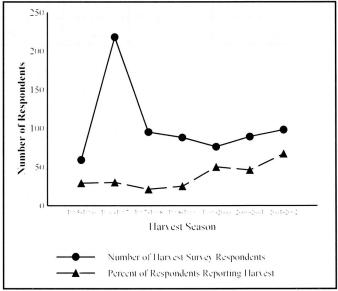


Table 9: Number of members by tribe of enrollment responding to Tribal Gathering Phone Survey and reporting harvest during 2001-2002.

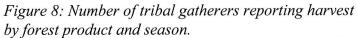
Tribe of Enrollment	Number of Respondents	Number Reporting Harvest	% of Respondents Reporting Harvest
Bad River	4	3	75
Lac Courte Oreilles	76	50	66
Lac du Flambeau	5	3	60
Mole Lake	3	2	67
Red Cliff	10	8	80
TOTAL	98	66	67

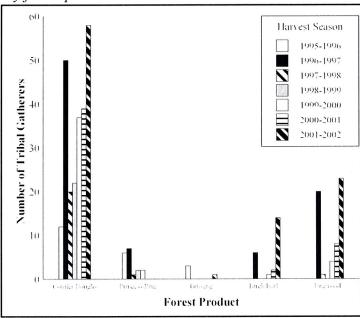
Of the respondents reporting harvest, all reported gathering from the Chequamegon-Nicolet National Forest. One Lac Courte Oreilles member reported gathering from the Ottawa National Forest (Table 10).

Table 10: Number of tribal members reporting harvest during the 2001-2002 harvest season by tribe of enrollment and by national forest.

Tribe of Enrollment	Chequamegon-Nicolet	Ottawa	Ottawa Hiawatha Huron-M	
Bad River	3	0	0	0
Lac Courte Oreilles	50	1	0	0
Lac du Flambeau	3	0	0	0
Mole Lake	2	0	0	0
Red Cliff	8	0	0	0
TOTAL	66	1	0	0

The number of tribal members reporting harvest of conifer boughs during the 2001-2002 season, similar to the previous six seasons, was greater than that for the four other forest products. (Figure 8).





Lac Courte Oreilles had the greatest number of members reporting harvest of conifer boughs and firewood for the 2001-2002 harvest season (Table 11). Lac Courte Oreilles and Red Cliff members reported gathering birch bark. One Lac Courte Oreilles member reported gathering ginseng. No harvesters reported gathering princess pine.

Table 11: Number of tribal members reporting harvest during the 2001-2002 harvest season by tribe of enrollment and non-timber forest product.

Tribe of Enrollment	Conifer Boughs	Princess Pine	Ginseng	Birch Bark	Firewood
Bad River	3	0	0	0	0
Lac Courte Oreilles	42	0	1	12	20
Lac du Flambeau	3	0	0	0	1
Mole Lake	2	0	0	0	0
Red Cliff	8	0	0	2	2
TOTAL	58	0	1	14	23

For the 2001-2002 harvest season, tribal members reported gathering a total of 132 tons of conifer boughs with an average harvest per gatherer of 2.3 tons, both of which were increases from previous harvest seasons (Table 12, Figure 9).

Table 12: Reported conifer bough harvest measured in tons by season.

	1995-1996 Harvest Season	1996-1997 Harvest Season	1997-1998 Harvest Season	1998-1999 Harvest Season	1999-2000 Harvest Season	2000-2001 Harvest Season	2001-2002 Harvest Season
Total Reported Harvest	10	36	17	37	38	39	132
Average Reported Harvest per Gatherer	0.8	0.7	0.9	1.7	1.0	1.0	2.3

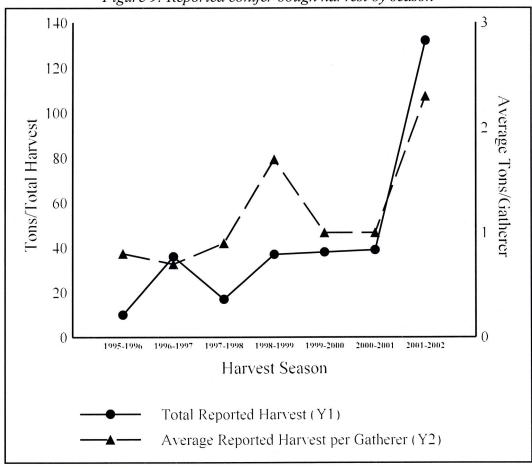


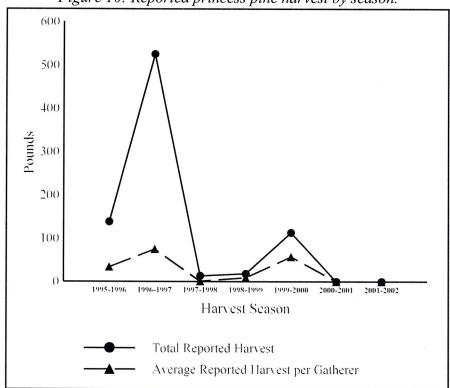
Figure 9: Reported conifer bough harvest by season

For the 2001-2002 harvest season, no tribal members reported gathering princess pine (Table 13, Figure 10), similar to the previous harvest season.

Table 13: Reported princess pine harvest measured in pounds by season.

	1995-1996 Harvest Season	1996-1997 Harvest Season	1997-1998 Harvest Season	1998-1999 Harvest Season	1999-2000 Harvest Season	2000-2001 Harvest Season	2001-2002 Harvest Season
Total Reported Harvest	138	525	13	18	113	0	0
Average Reported Harvest per Gatherer	34	75	1	9	57	0	0

Figure 10: Reported princess pine harvest by season.



For the 2001-2002 harvest season, one tribal member reported harvesting two pounds of ginseng (Table 11, Figure 8). Harvest of ginseng has been reported for only one other harvest season during 1995-96 when three gatherers reported a total harvest of 0.75 pounds (an average of 0.25 pounds per gatherer).

During the 2001-2002 harvest season, fourteen tribal members reported gathering bark from approximately two birch trees each (Table 14). This was an increase from the previous four harvest seasons. *Note: During past phone surveys, tribal harvesters were asked from how many birch trees they harvested bark. For previous GLIFWC administrative reports (Danielsen 2006a, Danielsen 2006b and Danielsen 2006c), this number was converted to square feet by assuming four square feet of bark was harvested from each harvested tree. However, in this report no conversion has been made.* 

Table 14: Reported number of bark harvested birch trees by season. Square footage of bark harvested, as reported in previous administrative reports, in parenthesis.

	1996-1997 Harvest Season	1997-1998 Harvest Season	1998-1999 Harvest Season	1999-2000 Harvest Season	2000-2001 Harvest Season	2001-2002 Harvest Season
Total Reported Harvest	25 (100)	0 (0)	0 (0)	1 (4)	2 (8)	24
Average Reported Harvest per Gatherer	4 (16)	0 (0)	0 (0)	1 (4)	1 (4)	1.7

During 2001-2002, the total quantity of firewood reported to be harvested was 83 cords, an increase over previous harvest seasons (Table 15). The average amount gathered per harvester was 3.6 cords.

*Table 15: Reported firewood harvest measured in cords by season.* 

	1996-1997 Harvest Season	1997-1998 Harvest Season	1998-1999 Harvest Season	1999-2000 Harvest Season	2000-2001 Harvest Season	2001-2002 Harvest Season
Total Reported Harvest	59	5	0	13	25	83
Average Reported Harvest per Gatherer	3	5	. 0	3	3	3.6

#### **DISCUSSION**

The number of tribal members obtaining Off-reservation Natural Resources Permits validated for national forest wild plant and non-timber forest products gathering for the 2001-2002 harvest season (1,338) decreased from the previous harvest season (1,491). The number of Tribal Commercial Gathering Permits issued in the 2001-2002 harvest season (199) increased from the previous harvest season (176). Taking into account that multiple gatherers can be listed under one permit, the total number of permitted commercial gatherers (487) increased from the previous harvest season (439).

Results from the Tribal Gathering Phone Survey showed that the number of respondents reporting harvest for the 2001-2002 season increased from the previous season. All respondents reporting harvest gathered from the Chequamegon-Nicolet National Forest. One respondent reported gathering from the Ottawa National Forest. The Tribal Gathering Survey also showed that tribal members gathered conifer boughs most often; ginseng, birch bark, and firewood to a lesser extent, and no princess pine. Easy access to large quantities and local markets probably make conifer boughs more suitable and profitable for commercial gathering. Furthermore, for commercial purposes, tribal members seem to condone the gathering of conifer boughs more than any other forest product (Gilbert et al. 1996).

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Wild Plant and Non-timber Forest Products Gathering GLIFWC Administrative Report 03-12 Version 2

#### APPENDIX A

1837 & 1842 Treaty Ceded Territories of the Great Lakes Ojibwa C	RESOURCE	ATION NATURAL S HARVESTING ERMIT	Voigt Intertribal Task Force Great Lakes Indian Fish &	(i) Wild Ricing	id you hunt lucks last
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		2-2003	Wildlife Commission	Migratory Bird Hunting	ear?
- Source	ple		in the same of	Small Game Hunting	Yes No )id you
Last Name	First Name	Middle Initial	Tribe of Enrollment	Deer Hunting	ice last year?
Street/Route or Box			Issuing Office/Person	Bear Hunting	Yes No
City ()	State	Zip Code	Date	[], Trapping	Jid you larvest wild lants or lon-timber
Phone	Tribal ID Nu	mber	This permit is authorized by the member's tribe of	National Forest Gathering	orest roducts last ear?
Signature	APPLICANT COPY		enrollment.	00570	Yes No
			EXPIRATION DATE: Ju	ly 31. 2003	

# TRIBAL PERMIT 2001-2002 CEDED TERRITORY-NATIONAL FOREST COMMERCIAL GATHERING OF CONIFER BOUGHS, PRINCESS PINE, AND GINSENG

....



Name of permittee	Home Telephone Number
Francis	
Street or Route	Work Telephone Number
City, State, Zip Code	Tribal ID Card Number and Tribal Enrollment
Names of other members gathering under the	is permit.
The above Tribal Member Permittee(s) is(are product(s):	e) hereby authorized and permitted to gather the following fore:
conifer boughs	princess pineginseng
National Forests listed above?Ye Standard Provisions:	d only on National Forest lands within the boundaries of the
Anyone gathering under this permit must perforests.	ossess this permit or copy of this permit while gathering on Nationa
3. The permittee must comply with the rules light ginseng as well as the conditions of her/his	sted on the back of this permit for conifer boughs, princess pine and Tribe's Off-Reservation National Forest Gathering Ordinance.
If requested by the Tribe or the Great Lake information regarding the specific location, or the control of the specific location, or the specific location.	es Indian Fish and Wildlife Commissions, the permittee must share late and amount of material harvested pursuant to this permit.
5. Additional provisions or requirements may be	e listed on page 2 of this permit.
6. There are no restrictions on amounts or loca	tions of harvest unless specified on page 2 of this permit.
<ol><li>For ginseng gathering, this permit expires of expires on July 31, 2002.</li></ol>	October 31, 2001; for conifer boughs and princess pine, this permi
Issuing Agent/Issuing Agency/Date	Permittee signature
x	x

## Tribal Plant Harvest Survey For National Forest Lands: 2001-2002 Season

This survey is intended for those who had a 2001-2002 Commercial National Forest Plant Gathering Permit or checked National Forest Gathering. They will help the Bands assess the demand for conifer boughs, princess pine, ginseng, birch bark, and fire wood.

Permittee Name:	Tribal ID #
Tribe of Enrollment:	
Did you gather any forest products off reservation     August 1, 2001-July 31, 2002? YesNo	on national forest land during the period
On which national forest(s) did you gather during to Chequamegon-NicoletOttawaHi	the period August 1, 2001-July 31, 2002? awathaHuron-Manistee
3. Did you gather balsam boughs off-reservation on August 1, 2001-July 31, 2002?  Did not gather off-reservation Did gather. Please fill in amount here: less than ½ a ton ½-1 ton	OR check one below: 1-2 tons more than 2 tons
<ul> <li>4. Did you gather princess pine (greens) off-reserval period August 1, 2001-July 31, 2002?  Did not gather off-reservation.  Did gather. Please fill in amount here: less than 25 pounds 25-50 pounds more than 100 pounds</li> </ul>	OR check one below:
5. Did you gather ginseng off-reservation on nationa 2002?  Did not gather off-reservation Did gather. Please fill in amount here: less than ½ pound ½-1 pound	OR check one below:  more than 2 pounds
31, 2002?	onal forest land during the period August 1, 2001-July
Did gather  How many trees did you gather birch bark f  less than 5 5-10 10-2525-	.50more than 50
31, 2002? Did not gather off-reservation Did gather. Please estimate amount ir here:	
8. Did you gather sheet moss off-reservation on na 31, 2002?  Did not gather off-reservation.  Did gather. Please estimate amount: less than ½ pound ½-1 pound	ational forest land during the period August 1, 2001-July1-2 pounds more than 2 pounds