



Tribal Wild Plant Gathering on National Forest Lands Harvest Season 2004-2005

by

Karen C. Danielsen
Forest Ecologist

Administrative Report 06-11
November 2006

**Great Lakes Indian Fish
& Wildlife Commission**
Biological Services Division
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**Tribal Wild Plant Gathering on National Forest Lands
Harvest Season 2004-2005**

INTRODUCTION

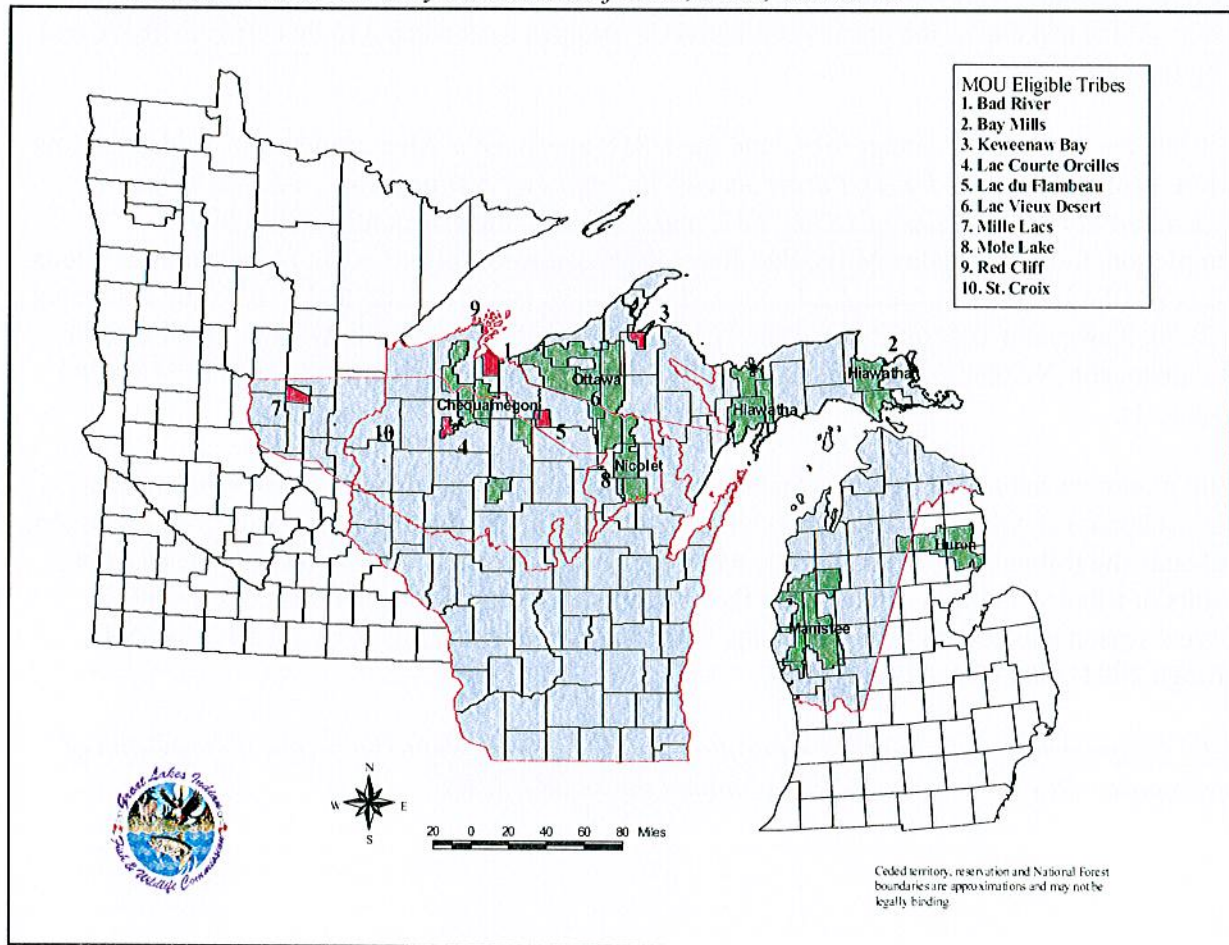
Great Lakes Indian Fish and Wildlife Commission (GLIFWC) member tribes have reserved hunting, fishing, and gathering rights in territories ceded to the United States through the Treaties of 1836, 1837, 1842 and 1854. In order to provide for the exercise of these treaty rights on lands managed by the 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 GLIFWC member tribes and the USFS approved 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*. Within six months of the MOU completion, nine tribes (Bay Mills, Bad River, Lac Courte Oreilles, Lac du Flambeau, Lac Vieux Desert, Mille Lacs, Mole Lake, St. Croix and Red Cliff) and the USFS had ratified the document. In 2000, Keweenaw Bay ratified the MOU. The MOU includes the following national forests: Chequamegon-Nicolet in Wisconsin; and Ottawa, Hiawatha, and Huron-Manistec in Michigan (Figure 1).

Wild plants are harvested by tribal members 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 gathering on the above listed national forests for the 2004-2005 harvest season and compares these results with the six previous harvest seasons 1998-1999 through 2003-2004 (Danielsen 2006a).

Note: Errors detected during the preparation of this report prompted a review and revision of past reports. Revised reports may be obtained through GLIFWC.

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:

2004-2005 Off-reservation Natural Resources Harvest Permits (Appendix A) are required by nine of the tribes that have ratified the MOU for wild plant gathering on national forest lands. 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. Keweenaw Bay members are not required to obtain these permits, but may use their tribal identification card instead. Consequently, interest in gathering by Keweenaw Bay members, based on permit counts, may be underestimated.

2004-2005 Tribal Commercial Gathering Permits (Appendix A) are required by all ten tribes that have ratified the MOU (including Keweenaw Bay) 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.

2004-2005 Tribal Gathering Phone Surveys (Appendix A) allow GLIFWC staff to monitor the amount of harvest of the non-timber forest products suspected of being sensitive to gathering because of either rarity or potentially high harvest levels. These products include conifer boughs, princess pine, ginseng, birch bark and firewood. Tribal members called to participate in this survey included those issued one or both of the following:

- a 2004-2005 Tribal Commercial Gathering Permit;
- a 2005-2006 Off-Reservation Natural Resources Harvest Permit with a check-off indicating that they had harvested plants or non-timber forest products on national forest lands during the 2004-2005 harvest season.

Many tribal members selected for this survey could not be reached because phone numbers were no longer valid or in some cases, where phone numbers were valid, attempts to contact members were unsuccessful and discontinued after three calls. Consequently, harvest numbers are treated in this document as reported and not actual.

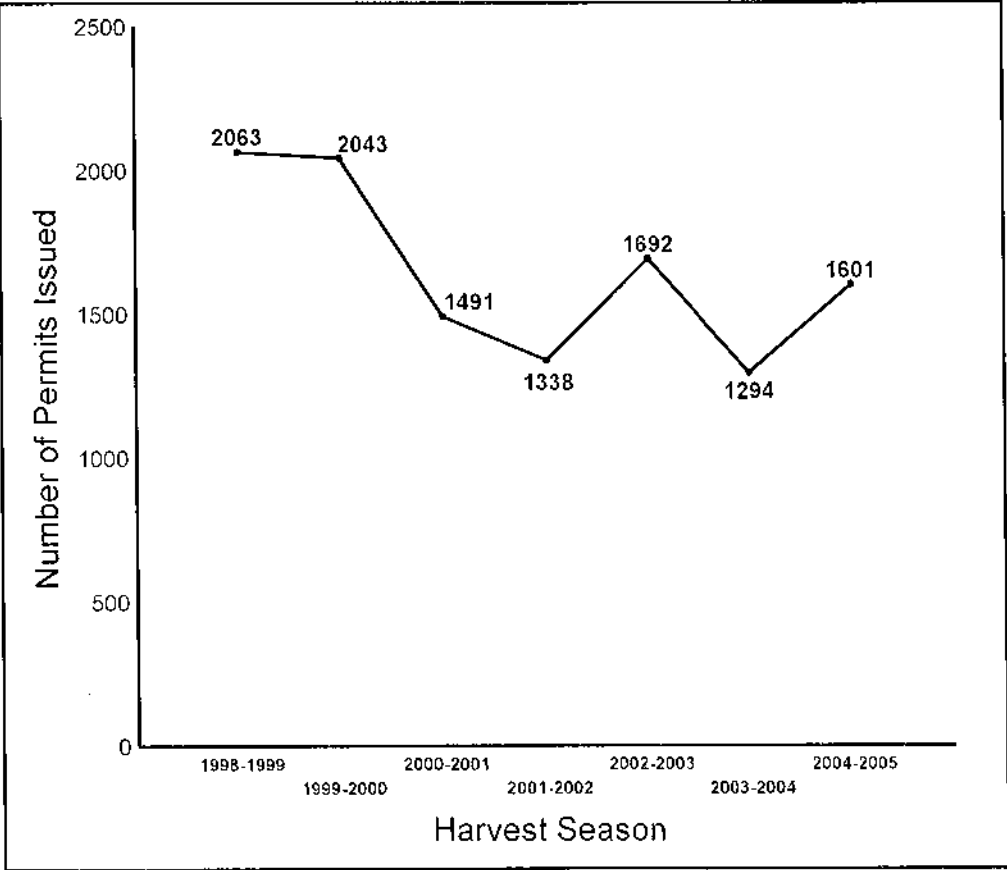
Although the survey questions address the harvest of only five forest products (in order to reduce the imposition on tribal members and to be sensitive to tribal customs), tribal members have the opportunity to harvest over 300 plants that have been traditionally gathered for a variety of uses (Densmore 1928, Mecker et al. 1993).

RESULTS

Off-reservation Natural Resources Harvest Permits

For the 2004-2005 harvest season, the number of Off-reservation Natural Resources Harvest Permits issued for national forest wild plant gathering was 1,601. This was an increase from the previous harvest season in which 1,294 permits were issued (Figure 2).

Figure 2: Off-reservation Natural Resources Permits issued for national forest wild plant gathering.



For the 2004-2005 harvest season, Lac Courte Oreilles members obtained the most Off-reservation Natural Resources Permits, more than for the previous season. Bad River, Keweenaw Bay, Lac du Flambeau, Lac Vieux Desert, Mille Lacs, and Mole Lake members also obtained more permits for the 2004-2005 season than for the previous season. Bay Mills, Red Cliff, and St. Croix members obtained fewer permits for the 2004-2005 harvest season than for the previous season (Table 1). As previously mentioned, Keweenaw Bay members occasionally obtain these permits, but they may use their tribal identification card instead.

Table 1: Number of Off-reservation Natural Resources Permits issued for national forest wild plant gathering.

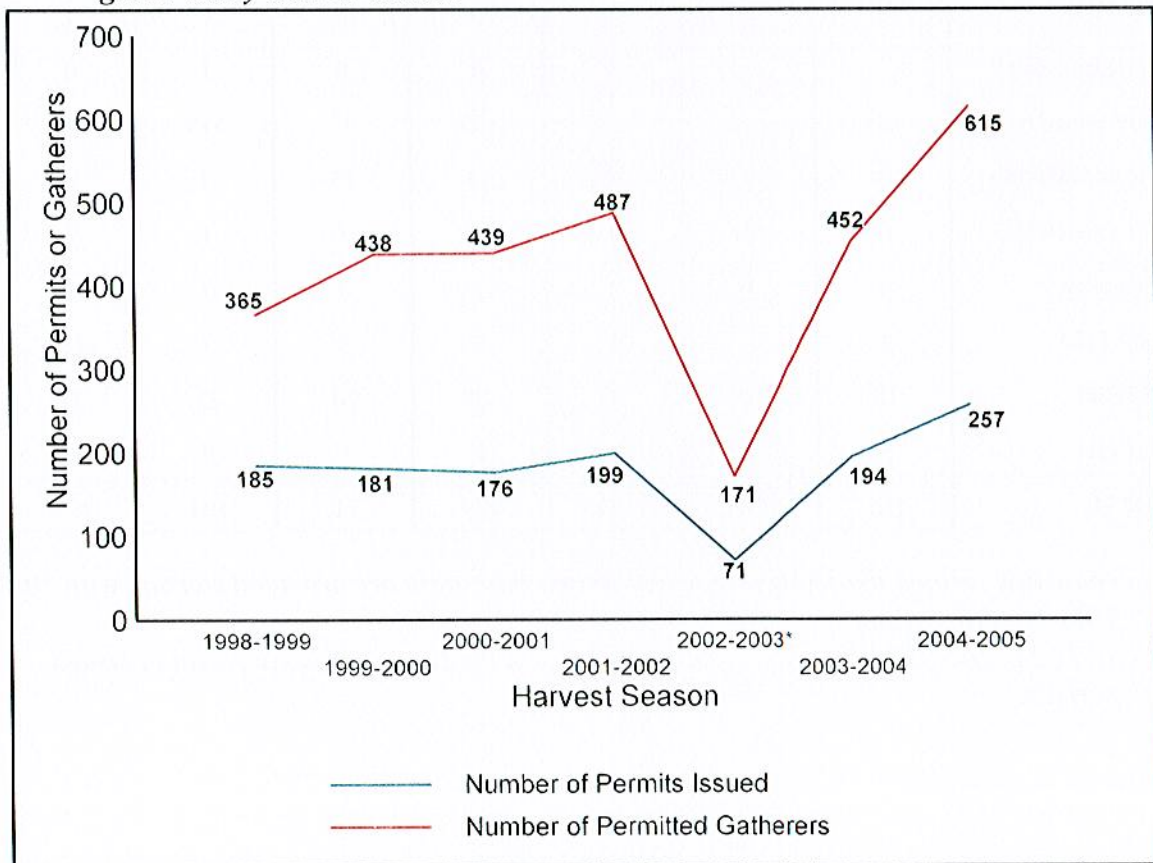
Tribe of Enrollment	1998-1999 Harvest Season	1999-2000 Harvest Season	2000-2001 Harvest Season	2001-2002 Harvest Season	2002-2003 Harvest Season	2003-2004 Harvest Season	2004-2005 Harvest Season
Bad River	249	262	234	179	168	132	181
Bay Mills	148	139	133	149	214	132	129
Keweenaw Bay*	-	-	4	9	5	5	7
Lac Courte Oreilles	619	643	450	329	413	250	446
Lac du Flambeau	377	329	249	65	305	294	334
Lac Vieux Desert	77	73	93	78	83	69	87
Mille Lacs	78	99	118	15	13	26	41
Mole Lake	142	154	53	155	151	104	126
Red Cliff	211	237	42	250	224	154	135
St. Croix	162	107	115	109	116	128	115
TOTAL	2063	2043	1491	1338	1692	1294	1601

* Keweenaw Bay ratified the MOU in April 2000 and thus, data are provided starting with the 2000-2001 harvest season.

Tribal Commercial Gathering Permits

The number of Tribal Commercial Gathering Permits issued for the 2004-2005 harvest season was 257, higher than the previous six seasons (Figure 3). Taking into account that multiple gatherers can be listed under one permit, the total number of permitted gatherers for the 2004-2005 season (615) was also higher than the previous six seasons. Data for the 2002-2003 season are incomplete due to an inadvertent misplacement of permits issued to Lac Courte Oreilles members (Danielsen 2006b). The number of gatherers per permit ranged from 1-7 for the 2004-2005 season and averaged 2.3 for the past seven seasons.

Figure 3: Number of Tribal Commercial Gathering Permits issued and permitted gatherers by harvest season.



* Data are incomplete due to the inadvertent misplacement of permits issued to Lac Courte Oreilles members.

For the 2004-2005 harvest season, Lac Courte Oreilles members obtained the most Tribal Commercial Gathering Permits. No permits were obtained by Keweenaw Bay members (Table 2).

Table 2: Number of Tribal Commercial Gathering Permits issued by harvest season and by tribe of enrollment.

Tribe of Enrollment	1998-1999 Harvest Season	1999-2000 Harvest Season	2000-2001 Harvest Season	2001-2002 Harvest Season	2002-2003 Harvest Season	2003-2004 Harvest Season	2004-2005 Harvest Season
Bad River	19	27	22	24	23	34	29
Bay Mills	0	0	0	0	0	0	1
Keweenaw Bay*	-	-	0	0	0	1	0
Lac Courte Oreilles	135	117	128	133	1 ⁺	114	177
Lac du Flambeau	3	9	10	12	15	7	3
Lac Vieux Desert	0	0	0	0	3	1	2
Mille Lacs	4	3	2	2	0	7	1
Mole Lake	3	7	9	5	8	7	18
Red Cliff	18	16	3	19	20	23	24
St. Croix	3	2	2	4	1	0	2
TOTAL	185	181	176	199	71	194	257

* Keweenaw Bay ratified the MOU in April 2000 and thus, data are provided starting with 2000-2001 harvest season.

⁺ Data for Lac Courte Oreilles are incomplete due to an inadvertent misplacement of issued permits.

Tribal members may select more than one of the three non-timber forest products listed on their Tribal Commercial Gathering Permits. Occasionally, tribal members neglect to make any selection (e.g., 3 permits for the 2004-2005 season). For the 2004-2005 harvest season, the number of permits issued for conifer boughs (253), princess pine (178) and ginseng (175) was higher than for the previous six seasons (Table 3). For all seven seasons, conifer boughs have been selected most often, followed by princess pine and then ginseng.

Table 3: Number of Tribal Commercial Gathering Permits issued by forest product selected and harvest season.

Forest Product Selected	1998-1999 Harvest Season	1999-2000 Harvest Season	2000-2001 Harvest Season	2001-2002 Harvest Season	2002-2003 Harvest Season*	2003-2004 Harvest Season	2004-2005 Harvest Season
Conifer Boughs	181	177	173	199	70	191	253
Princess Pine	120	110	110	112	40	150	178
Ginseng	99	88	98	95	34	137	175
No Selection	4	3	2	0	0	2	3

** Data are incomplete due to an inadvertent misplacement of permits issued to Lac Courte Oreilles members.*

For the 2004-2005 harvest season, Lac Courte Oreilles had more permits issued for all three non-timber forest products (Table 4).

Table 4: Number of Tribal Commercial Gathering Permits issued for the 2004-2005 harvest season by tribe of enrollment and by forest product selected.

Tribe of Enrollment	Conifer Boughs	Princess Pine	Ginseng	No Selection
Bad River	29	10	10	0
Bay Mills	1	1	0	0
Keweenaw Bay	0	0	0	0
Lac Courte Oreilles	173	137	137	3
Lac du Flambeau	3	2	1	0
Lac Vieux Desert	2	0	0	0
Mille Lacs	1	1	1	0
Mole Lake	18	18	18	0
Red Cliff	24	7	6	0
St. Croix	2	2	2	0
TOTAL	253	178	175	3

On their Tribal Commercial Gathering Permit, tribal members may select more than one (and occasionally fail to select any) national forest from which they expect to gather. For the 2004-2005 harvest season, similar to the previous six seasons, the Chequamegon-Nicolet National Forest was selected on a permit most often followed by the Ottawa, Hiawatha, and Huron-Manistee National Forests.(Table 5).

Table 5: Number of Tribal Commercial Gathering Permits by national forest and harvest season.

National Forest	1998-1999 Harvest Season	1999-2000 Harvest Season	2000-2001 Harvest Season	2001-2002 Harvest Season	2002-2003 Harvest Season*	2003-2004 Harvest Season	2004-2005 Harvest Season
Chequamegon-Nicolet	184	174	171	199	69	178	256
Ottawa	23	43	83	46	39	83	84
Hiawatha	21	43	82	46	35	77	82
Huron-Manistee	21	43	82	43	35	77	80
None Selected	2	7	5	0	2	15	0

** Data are incomplete due to an inadvertent misplacement of permits issued to Lac Courte Oreilles members.*

For the 2004-2005 harvest season, the Chequamegon-Nicolet National Forest was selected most often on permits issued to Bad River, Lac Courte Oreilles, Lac du Flambeau and Red Cliff members (Table 6). The Chequamegon-Nicolet and Ottawa National Forests were selected equally on permits issued to Lac Vieux Desert members. All four national forests were selected equally on permits issued to Mille Lacs, Mole Lake and St. Croix members. The Hiawatha National Forest was selected on the one permit issued to a Bay Mills member.

Table 6: Number of Tribal Commercial Gathering Permits by tribe of enrollment and by national forest for the 2004-2005 harvest season.

Tribe of Enrollment	Chequamegon-Nicolet	Ottawa	Hiawatha	Huron-Manistee	No Selection
Bad River	29	11	11	11	0
Bay Mills	0	0	1	0	0
Keweenaw Bay	0	0	0	0	0
Lac Courte Oreilles	177	45	44	44	0
Lac du Flambeau	3	1	1	1	0
Lac Vieux Desert	2	2	0	0	0
Mille Lacs	1	1	1	1	0
Mole Lake	18	18	18	18	0
Red Cliff	24	4	4	3	0
St. Croix	2	2	2	2	0
TOTAL	256	84	82	80	0

Tribal Gathering Phone Survey

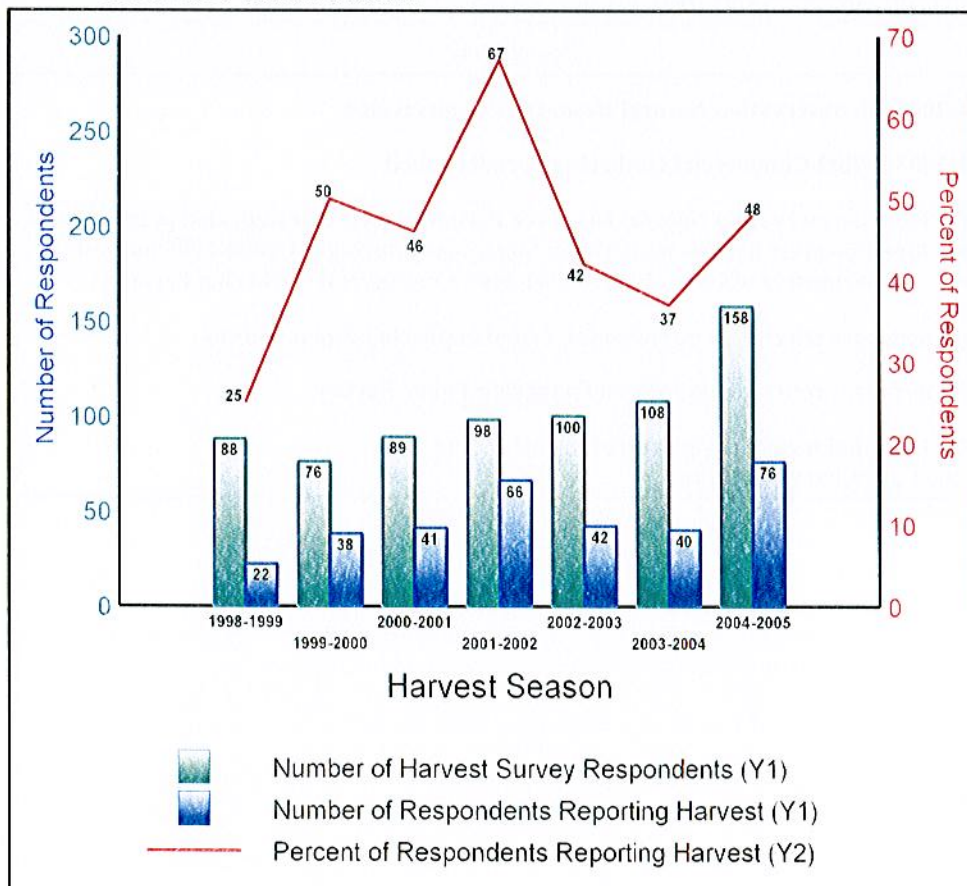
The following table summarizes the number of permits issued for the 2004-2005 harvest season (Items A and B), the information used to identify tribal members to be called for the Tribal Gathering Phone Survey (Items B and C), and the number of tribal members selected (Item D), contacted (Item E) and reporting harvest (Item F) during the 2004-2005 harvest season (Table 7).

Table 7: Number of permits issued for the 2004-2005 harvest season, number of tribal members selected for the Tribal Gathering Phone Survey, and the number contacted and reporting harvest during the 2004-2005 harvest season.

Item	Description	Total
A.	2004-2005 Off-reservation Natural Resource Permits issued	1,601
B.	2004-2005 Tribal Commercial Gathering Permits issued	257
C.	2005-2006 Off-reservation Natural Resource Permits issued that indicated plant or non-timber forest product harvest on national forest lands during the 2004-2005 harvest season, but permittees were not issued 2004-2005 Commercial Gathering Permits.	234
D.	Tribal members selected to be called for Tribal Gathering Phone Survey	491
E.	Tribal members contacted for Tribal Gathering Phone Survey	158
F.	Contacted tribal members reporting harvest during the 2004-2005 harvest season	76

For the 2004-2005 season, 48 percent of phone survey respondents (76 of 158 contacted) reported harvest (Figure 4). This percentage was higher than the 37 percent of respondents reporting harvest during the 2003-2004 season.

Figure 4: Number of Tribal Gathering Phone Survey respondents and percent of respondents reporting harvest for harvest seasons from 1998-1999 to 2004-2005.



Compared to the other tribes, more members from Lac Courte Oreilles responded to the Tribal Gathering Phone Survey and reported harvest (Table 8). For tribes with five or more members responding to the survey, the percent reporting harvest ranged from 38 to 56 percent.

Table 8: Number of members by tribe of enrollment responding to Tribal Gathering Phone Survey, reporting harvest or no harvest, and percent of respondents reporting harvest during the 2004-2005 season.

Tribe of Enrollment	Number of Respondents	Number Reporting Harvest	Number Reporting No Harvest	Percent of Respondents Reporting Harvest
Bad River	19	8	11	42
Bay Mills	5	2	3	40
Keweenaw Bay	1	0	1	0
Lac Courte Oreilles	66	37	29	56
Lac du Flambeau	21	9	12	43
Lac Vieux Desert	6	3	3	50
Mille Lacs	1	1	0	100
Mole Lake	13	5	8	38
Red Cliff	25	11	14	44
St. Croix	1	0	1	0
TOTAL	158	76	82	48

The number of tribal members reporting harvest of conifer boughs during the 2004-2005 season (58), similar to the previous six seasons, was greater than that for the four other forest products. (Table 9).

Table 9: Number of tribal members reporting harvest by forest product and for harvest seasons from 1998-1999 to 2004-2005.

Forest Product Harvested	1998-1999 Harvest Season	1999-2000 Harvest Season	2000-2001 Harvest Season	2001-2002 Harvest Season	2002-2003 Harvest Season	2003-2004 Harvest Season	2004-2005 Harvest Season
Conifer Boughs	22	37	39	58	26	29	58
Princess Pine	2	2	0	0	4	1	7
Ginseng	0	0	0	1	3	0	3
Birch Bark	0	1	2	14	13	6	15
Firewood	0	4	8	23	19	15	24

Lac Courte Oreilles had the greatest number of tribal members reporting harvest of conifer boughs and birch bark for the 2004-2005 harvest season (Table 10). Red Cliff had the most members reporting harvest of firewood. One Lac du Flambeau member and two members from each of Bad River, Lac Courte Oreilles and Mole Lake reported gathering princess pine. One member from each of Lac Courte Oreilles, Lac du Flambeau and Mole Lake reported gathering ginseng.

Table 10: Number of tribal members reporting harvest during the 2004-2005 season by tribe of enrollment and non-timber forest product.

Tribes of Enrollment	Conifer Boughs	Princess Pine	Ginseng	Birch Bark	Firewood
Bad River	5	2	0	1	2
Bay Mills	1	0	0	2	2
Keweenaw Bay	0	0	0	0	0
Lac Courte Oreilles	33	2	1	6	4
Lac du Flambeau	5	1	1	1	4
Lac Vieux Desert	3	0	0	1	2
Mille Lacs	1	0	0	0	0
Mole Lake	3	2	1	3	4
Red Cliff	7	0	0	1	6
St. Croix	0	0	0	0	0
TOTAL	58	7	3	15	24

Tribal members can gather conifer boughs, princess pine for both commercial and non-commercial purposes, but those that gather these forest products for commercial purposes are required to obtain a Commercial Gathering Permit. For these three products during the 2004-2005 harvest season, more tribal members (58) reported gathering conifer boughs compared to princess pine (7) and ginseng (3). Slightly more than half (55%) of the tribal members gathering conifer boughs had obtained a Commercial Gathering Permit for that forest product compared to 29% for princess pine and 33% for ginseng (Table 11). 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 non-timber forest product (Gilbert et al. 1996).

Tribal members may also gather firewood and birch bark for both commercial and non-commercial purposes, but are not required to obtain a Commercial Gathering Permit for these two forest products.

Table 11: Number of tribal members reporting harvest, and total and average reported harvest during the 2004-2005 harvest season by forest product.

	Conifer Boughs	Princess Pine	Ginseng	Birch Bark	Firewood
Tribal members reporting harvest	58	7	3	15	24
Tribal members reporting harvest that obtained a commercial permit for that forest product	32	2	1	-	-
Tribal members reporting harvest that did not obtain a commercial permit for that forest product	26	5	2	-	-
Total reported harvest	64 tons	263 lbs.	0.75 lbs.	148 trees	129 cords
Average reported harvest per gatherer	1.1 tons	38 lbs.	0.25 lbs.	10 trees	5 cords

For the 2004-2005 harvest season, 58 tribal members reported a total conifer bough harvest of 64 tons, with an average harvest per gatherer of 1.1 tons. This average harvest per gatherer is within the range recorded for the previous six harvest seasons (Table 12).

Table 12: Reported conifer bough harvest measured in tons by harvest season from 1998-1999 through 2004-2005.

	1998-1999 Harvest Season	1999-2000 Harvest Season	2000-2001 Harvest Season	2001-2002 Harvest Season	2002-2003 Harvest Season	2003-2004 Harvest Season	2004-2005 Harvest Season
No. of Tribal Members Reporting Harvest	22	37	39	58	26	29	58
Total Reported Harvest	37	38	39	132	40	36	64
Average Reported Harvest per Gatherer	1.7	1.0	1.0	2.3	1.5	1.2	1.1

For the 2004-2005 harvest season, seven tribal members reported a total princess pine harvest of 263 pounds, with an average harvest per gatherer of 38 pounds. This average harvest is within the range recorded for the previous six seasons (Table 13).

Table 13: Reported princess pine harvest measured in pounds by harvest season from 1998-1999 through 2004-2005.

	1998-1999 Harvest Season	1999-2000 Harvest Season	2000-2001 Harvest Season	2001-2002 Harvest Season	2002-2003 Harvest Season	2003-2004 Harvest Report	2004-2005 Harvest Season
No. of Tribal Members Reporting Harvest	2	2	0	0	4	1	7
Total Reported Harvest	18	113	0	0	265	13	263
Average Reported Harvest per Gatherer	9	57	0	0	66	13	38

For the 2004-2005 harvest season, three tribal members reported a total ginseng harvest of .75 pounds, with an average harvest per gatherer of .25 pounds. This average harvest is within the range recorded for the previous six seasons (Table 14).

Table 14: Reported ginseng harvest measured in pounds by harvest season from 1998-1999 through 2004-2005.

	1998-1999 Harvest Season	1999-2000 Harvest Season	2000-2001 Harvest Season	2001-2002 Harvest Season	2002-2003 Harvest Season	2003-2004 Harvest Season	2004-2005 Harvest Season
No. of Tribal Members Reporting Harvest	0	0	0	1	3	0	3
Total Reported Harvest	0	0	0	2	.75	0	.75
Average Reported Harvest per Gatherer	0	0	0	2	.25	0	.25

For the 2004-2005 harvest season, 15 tribal members reported birch bark harvest from a total of 148 trees, with an average per gatherer of 10 trees. This average harvest is within the range recorded for the previous six seasons (Table 15).

Table 15: Reported number of bark harvested birch trees by harvest season from 1998-1999 through 2004-2005.

	1998-1999 Harvest Season	1999-2000 Harvest Season	2000-2001 Harvest Season	2001-2002 Harvest Season	2002-2003 Harvest Season	2003-2004 Harvest Season	2004-2005 Harvest Season
No. of Tribal Members Reporting Harvest	0	1	2	14	13	6	15
Total Reported Harvest	0	1	2	24	145	45	148
Average Reported Harvest per Gatherer	0	1	1	2	11	8	10

For the 2004-2005 harvest season, 24 tribal members reporting a total firewood harvest of 129 cords, with an average harvest per gatherer of 5 cords. This average harvest is within the range recorded for the previous six seasons (Table 16).

Table 16: Reported firewood harvest measured in cords by harvest season from 1998-1999 through 2004-2005.

	1998-1999 Harvest Season	1999-2000 Harvest Season	2000-2001 Harvest Season	2001-2002 Harvest Season	2002-2003 Harvest Season	2003-2004 Harvest Season	2004-2005 Harvest Season
No. of Tribal Members Reporting Harvest	0	4	8	23	19	15	24
Total Reported Harvest	0	13	25	83	101	113	129
Average Reported Harvest per Gatherer	0	3	3	4	5	8	5

For the 2004-2005 harvest season, similar to each of the previous six seasons, tribal members reported harvesting primarily from the Chequamegon-Nicolet National Forest (Table 17). Fewer reported harvesting from the Ottawa and Hiawatha National Forests. No tribal members reported harvesting from the Huron-Manistee National Forest.

Table 17: Number of tribal members reporting harvest by national forest and harvest season from 1998-1999 through 2004-2005.

National Forest	1998-1999 Harvest Season	1999-2000 Harvest Season	2000-2001 Harvest Season	2001-2002 Harvest Season	2002-2003 Harvest Season*	2003-2004 Harvest Season	2004-2005 Harvest Season
Chequamegon-Nicolet	22	37	40	66	39	40	70
Ottawa	0	1	1	1	3	0	4
Hiawatha	0	0	0	0	1	0	2
Huron-Manistee	0	0	0	0	0	0	0

For the 2004-2005 season, Bad River, Lac du Flambeau, Mille Lacs and Red Cliff members reported harvesting only from the Chequamegon-Nicolet National Forest (Table 18). Bay Mills members reported harvesting only from the Hiawatha National Forest, while Lac Vieux Desert members reported harvesting only from the Ottawa National Forest. Mole Lake members reported harvesting from the Chequamegon-Nicolet and Ottawa National Forests.

Table 18: Number of tribal members reporting harvest during 2004-2005 season by tribe of enrollment and by national forest.

Tribe of Enrollment	Chequamegon-Nicolet	Ottawa	Hiawatha	Huron-Manistee
Bad River	8	0	0	0
Bay Mills	0	0	2	0
Keweenaw Bay	0	0	0	0
Lac Courte Oreilles	37	0	0	0
Lac du Flambeau	9	0	0	0
Lac Vieux Desert	0	3	0	0
Mille Lacs	1	0	0	0
Mole Lake	4	1	0	0
Red Cliff	11	0	0	0
St. Croix	0	0	0	0
TOTAL	70	4	2	0

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SUMMARY

The number of tribal members obtaining Off-reservation Natural Resources Permits validated for national forest wild plant gathering for the 2004-2005 harvest season (1,601) increased from the previous season (1,294). The number of Tribal Commercial Gathering Permits issued for the 2004-2005 harvest season was 257, greater than the 194 permits issued for the 2003-2004 season. Taking into account that multiple gatherers can be listed under one permit, the total number of permitted gatherers for the 2004-2005 harvest season (615) was also greater than the 2003-2004 season (452).

For the Tribal Gathering Phone Survey, the number of respondents reporting harvest for the 2004-2005 season (76 out of 158 contacted, 48%) increased from the previous season (40 out of 108 contacted, 37%). Tribal members reported gathering conifer boughs most often with firewood, birch bark, princess pine and ginseng reported to a lesser extent. 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 non-timber forest product (Gilbert et al. 1996). Most respondents (70 out of 76) reporting harvest gathered from the Chequamegon-Nicolet National Forest. Four respondents reported gathering from the Ottawa National Forest and two respondents reported gathering from the Hiawatha National Forest.

CITATIONS

- Danielsen, K.C. 2006a. Wild plant and non-timber forest products gathering on national forest lands during 2003-2004. Great Lakes Indian Fish and Wildlife Commission. Odanah, WI. Administrative Report 05-12, Version 2, November 2006
- Danielsen, K.C. 2006b. Wild plant and non-timber forest products gathering on national forest lands during 2002-2003. Great Lakes Indian Fish and Wildlife Commission. Odanah, WI. Administrative Report 04-06, Version 2, November 2006
- Densmore, F. 1928. Uses of Plants by the Chippewa Indians. Smithsonian Institution: Bureau of American Ethnology Annual Report No. 44:273-379.
- Gilbert, J., V. Sullivan, and J.E. Zorn. 1996. Tribal / USDA Forest Service Relations. An Off-reservation Treaty Rights Perspective. ANA Grant #90NA1574. Great Lakes Indian Lakes Indian Fish and Wildlife Commission. Odanah, WI.
- Meecker, J.E., J.E. Elias, and J.A. Heim. 1993. Plants Used By the Great Lakes Ojibwa. Great Lakes Indian Fish and Wildlife Commission. Odanah, WI.

APPENDIX A

1837 & 1842
 Treaty Ceded Territories
 of the Great Lakes Ojibwa Chippewa

**OFF-RESERVATION NATURAL
 RESOURCES HARVESTING
 PERMIT
 2004 - 2005**

Volgt Intertribal Task Force
 Great Lakes Indian Fish &
 Wildlife Commission

- Wild Rice
- Migratory Bird Hunting
- Small Game Hunting
- Deer Hunting
- Bear Hunting
- Trapping
- National Forest
Gathering

Did you hunt
rucks last
year?

Yes No

Did you
harvest wild
rice last year?

Yes No

Did you
harvest wild
plants or
non-timber
forest
products last
year?

Yes No

Sample

Last Name First Name Middle Initial Tribe of Enrollment

Street/Route or Box Issuing Office/Person

City State Zip Code Date

()

Phone Tribal ID Number

Signature

This permit is
authorized by the
member's tribe of
enrollment.

02895

EXPIRATION DATE: July 31, 2005

APPLICANT COPY



TRIBAL PERMIT
2005-2006 CEDED TERRITORY-NATIONAL FOREST
COMMERCIAL GATHERING OF
CONIFER BOUGHS, PRINCESS PINE, AND GINSENG

Name of permittee _____ Home Telephone Number _____
Street or Route _____ Work Telephone Number _____
City, State, Zip Code _____ Tribal ID Card Number and Tribal Enrollment _____

Names of other Tribal Members gathering under this permit.

The Permittee listed above is hereby authorized to gather the following forest product(s)
 conifer boughs princess pine ginseng

The Permittee may gather in any of the National Forests listed below. Please indicate the National Forest(s) from which the Permittee expects to gather.
 Chequamegon-Nicolet Ottawa Hlawatha Huron-Manistee

Please indicate whether or not the Permittee gathered conifer boughs, princess pine, or Ginseng last year for commercial purposes on any of the National Forests listed above?
 Yes No

Standard Provisions:

1. Under this permit gathering is permitted only on National Forest lands within the boundaries of the Chequamegon-Nicolet, Ottawa, Hlawatha and Huron-Manistee National Forests.
2. Anyone gathering under this permit must possess this permit or copy of this permit while gathering on National Forests.
3. Anyone gathering under this permit must comply with the regulations listed on the back of this permit. As well as any additional conditions of his/her Tribe's Off Reservation National Forest Gathering Ordinance.
4. If requested by the Tribe or the Great Lakes Indian Fish and Wildlife Commissions, the permittee must share information regarding the specific location, date and amount of material harvested pursuant to this permit.
5. Additional provisions or requirements may be listed on the back of this permit.
6. There are no restrictions on amounts or locations of harvest unless specified on the back of this permit.
7. This permit expires on July 31, 2006.

Issuing Agent/Issuing Agency/Date _____ **Permittee signature** _____
X _____ X _____

Other provisions or requirements:

Amount or location restrictions:

**CEDED TERRITORIES-NATIONAL FOREST
COMMERCIAL PLANT GATHERING RULES**

Conifer boughs

- (1) Do not cut down a tree for the purpose of gathering boughs.
- (2) Do not cut boughs from the upper half of a tree.
- (3) Gathering of white cedar or hemlock boughs for sale is prohibited.
- (4) Gathering in campgrounds is prohibited.

Princess pine

- (1) Gathering of *Lycopodium* species other than *Lycopodium obscurum*, *L. dendroideum*, and *L. hickeyi* for sale is prohibited. You are responsible for being able to recognize these species.
- (2) Gathering in campgrounds is prohibited.

Ginseng

- (1) Ginseng can only be collected between September 1 and October 31.
- (2) Gathering in campgrounds is prohibited.
- (3) Tribal forms for recording commercial transactions are required for any sale of ginseng and these records must be forwarded annually to the tribal conservation department.

Tribal Plant Harvest Survey For National Forest Lands: 2004-2005 Season

This survey is intended for those who had a 2004-2005 Commercial National Forest Plant Gathering Permit or checked National Forest Gathering. It will help the assess the tribal demand for conifer boughs, princess pine, ginseng, birch bark, and fire wood.

Permittee Name: _____ Tribal ID # _____

Tribe of Enrollment: _____

1. Did you gather any non-timber forest products off reservation on national forest land during the period August 1, 2004-July 31, 2005?
 Yes No (end survey)

2. On which national forest(s) did you gather during the period August 1, 2003-July 31, 2004?
 Chequamegon-Nicolet Ottawa Hiawatha Huron-Manistee

3. Did you gather balsam boughs off-reservation on national forest land during the period August 1, 2004-July 31, 2005?
 Did not gather off-reservation.
 Did gather. Please fill in amount here: _____ OR circle one below:
 less than ½ a ton ½-1 ton 1-2 tons more than 2 tons

4. Did you gather princess pine (greens) off-reservation on national forest land during the period August 1, 2004-July 31, 2005?
 Did not gather off-reservation.
 Did gather. Please fill in amount here: _____ OR circle one below:
 less than 25 pounds 25-50 pounds 50-100 pounds
 more than 100 pounds

5. Did you gather ginseng off-reservation on national forest land during the period August 1, 2004-July 31, 2005?
 Did not gather off-reservation.
 Did gather. Please fill in amount here: _____ OR circle one below:
 less than ½ pound ½-1 pound 1-2 pounds more than 2 pounds

6. Did you gather birch bark off-reservation on national forest land during the period August 1, 2004-July 31, 2005?
 Did not gather off-reservation.
 Did gather. _____
From how many trees did you gather birch bark?: _____ OR circle one below:
 less than 5 5-10 10-25 25-50 more than 50

7. Did you gather firewood off-reservation on national forest land during the period August 1, 2004-July 31, 2005?
 Did not gather off-reservation.
 Did gather.
Please estimate amount in cords: _____

