

OREGON DEPARTMENT OF FISH AND WILDLIFE

CENTRAL REGION ADMINISTRATIVE REPORT

No. 82-4

WOLVERINE, FISHER, MARTEN
SIGHTINGS IN OREGON 1973-1982
SUPPLEMENTARY REPORT

BY

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Wolverine, Fisher, Marten Sightings
In Oregon 1973-1982

Abstract

In 1972 The Oregon Department of Fish and Wildlife (then Oregon State Game Commission) initiated a program to gather information on wolverine (Gulo luscus), fisher (Martes pennanti), and marten (Marten americana), in Central Oregon. In response to that request a comprehensive report was written (Ingram 1972) summarizing the distribution of these animals from sightings and trappings in Oregon. The 1972 report provided information on the ecology of the fisher, marten and wolverine in Oregon and gave recommendations for management and forest practices to maintain habitat for these species.

From 1973 to 1982 several additional sightings of these animals have been reported and recorded by department biologists statewide. This administrative report summarizes these sightings into a single report to supplement the sightings recorded in the 1972 report.

Methods

Beginning in 1980 requests for information on sightings of wolverine, fisher and marten were distributed to district wildlife biologists throughout Oregon. Biologists were asked to gather information from their files on sightings of these animals and to provide as much information as possible including the observer's name, date of sighting, legal description of the sighting, their estimation of the sighting validity, the name of the district biologist in area of sighting, and any additional facts reported by the observer. An additional request for information on sightings was sent in early 1982 in an effort to include as many recent sightings prior to the writing of this report. Central Region records of sightings were reviewed and included in this report by the writer. Telephone inquiries were conducted to gather as much data as possible and to clarify incomplete reports.

In some cases information on the date (month) of the sightings or the location (section) of the sighting was not provided by the observer. Every effort was made to include as much information on the sighting as reported by the observer.

Estimations as to the validity of the sightings are subjective. Reliability of the sightings are judgements made by the district biologist and the writer.

Sighting reports were arranged by county as closely as possible and by date and recorded in Tables 1-4 showing the date of the sighting, legal description of the area sighted with a nearby prominent landmark, the observer's last name, a reliability judgement as to the validity of the sighting and any additional observer information deemed pertinent. Fisher that were trapped and released to re-establish a population were also included in this report as were track sightings of wolverine, fisher and marten. In the case of marten, reliable locations where the animals were known to have been trapped were also recorded.

Sightings were assigned a sequential number which generally follows a chronological order in which the animals were sighted. Sightings recorded on charts were arranged by county.

Reported sightings of wolverine, fisher and marten were plotted on a township map of Oregon.

Results

Wolverine

A total of 29 sightings of wolverine were reported. Eighteen of 29 wolverine observations were made in the fall and winter months. Sightings were usually above 5,000 feet in elevation and were most frequent along the summit of the Cascades. Unusual locations for sightings were on the North Fork of the Wilson River in the coastal mountain range and in the Steens Mountains in southeast Oregon (Steens sighting was by Torland and Masson, ODFW wildlife biologists). Four sightings of wolverine were reported in the Ochoco Mountains east of Prineville, Oregon. Four of the wolverine sightings

were reported in the Wallowa Mountains. Three sightings were on or near the Strawberry Mountains. Three of the sightings reported were tracks only and one sighting was reported in which wolverine hair was found. (Hair found by Scott, ODFW Biologist at Prineville, Oregon).

Three other sightings of questionable validity were reported in south-east Oregon near Lakeview and at Alkali Lake. Deering in Linn County reported observing an animal that he accurately described as a road killed wolverine. Upon returning to the location of the kill to confirm the sighting he discovered the animal had disappeared.

Due to the elusiveness of the wolverine, coupled with its frequent mistaken identity with badgers, most sightings were rated fair.

Fisher

Reported sightings of fisher were confined to the western half of Oregon, with the exception of one reliable report of fisher tracks along Warm Creek in Union County. The majority of fisher sightings were west of Range 13 E (Newberry Crater, vicinity La Pine, Oregon). Tracks only were reported in three of 23 total sightings. Animals trapped in Douglas and Klamath Counties were positively identified as fisher. An experienced trapper operating in Lane County reported having a trapped marten eaten from one of his traps. Tracks in the snow near the trap appeared to be those of a fisher (Walp, personal report). A reliability rating of positive was assigned to the two animals that were trapped and identified with certainty. Ten sightings were rated as good and eight were rated fair.

Marten

Fifty eight marten trapping and sighting locations were reported and included in this report. Marten have been commonly trapped in Oregon (table 4 refers) from 1973-1980. Not all trapping locations are plotted on maps in this report, only those in which the trapping location could be

determined to the nearest section. Sightings of marten at higher elevation along the west side of the summit of the Cascade Range in Lane and Linn Counties were most frequently reported. A trapper (Walp) reported that most of the marten trapped from 1972-1982 were taken on or within very close proximity to old growth mixed conifer forests. A particularly high frequency of sightings and trappings occurred in the upper reaches of the Willamette River drainage between Odell and Crescent Lakes. Rare sightings of marten were reported on the west side of Coos County and in dense coastal sea pine trees near Florence in Lane County. Three sightings of the pine marten were also reported in Union and Grant Counties.

Discussion

Sightings of the wolverine, fisher and marten during the past 10 years have most frequently occurred along the summit of the Cascade Range at elevations above 5,000 feet. Sightings of wolverine and fisher have been frequent and reliable enough to reasonably suspect the actual presence of these species. Marten in addition to being sighted have been harvested in numbers that would tend to indicate a fairly stable population. However, Ingram reported in 1972 that marten populations are good in mixed conifer forests and appear to have declined in pine forest area.

Little effort has been made in this report to associate wolverine, marten and fisher with habitat type. Additional study should be undertaken to more closely identify habitat types preferred by these species in Oregon so that unique habitats essential to continued survival may be properly managed.

Biologists and other resource managers are encouraged to continue to be alert to additional sightings of the wolverine, fisher and marten. Sightings should be carefully scrutinized for accuracy. Rare sightings of animals

of the family mustelidae can lead to frequent confusion between species. During the course of compiling this report the writer interviewed a person who reported seeing a wolverine. Upon closer examination, interrogation and review of characteristic differences between animals of the family mustelidae, the sighting was determined by this writer and the observer to be a fisher. In addition to accuracy in species identification, precision in locating the area in which the animal was sighted needs to be emphasized. Documentation of sighting locations need to include a legal description to the nearest quarter section. Careful listening attention needs to be given to a person who claims to have observed one of these animals and incidental facts surrounding the observation should be recorded.

Efforts by this agency will continue to consolidate sightings of the wolverine, marten and fisher in an effort to further identify and advise in preservation of key habitat.

GR:sd

Table 1
Wolverine Sightings in Oregon
Reported to District
Biologists 1973-1982

No.	Date	Legal Description	County/Area	Observer/Reliability	Observer Info/Dist Bio
1.	Unknown 1979	T19S,R7E,Sec 10	Deschutes/Ledge Lake	Fisher/Fair	/Behrens
2.	August 1979	T17S,R9E,Sec 17	Deschutes/Broken Top	N/A/Good	/Behrens
3.	November 1972	T28S,R3E,Sec	Douglas/Fish Mountain	Peterson/Good	/Bartels
4.	December 1979	T28S,R5E,Sec 28	Douglas/Diamond Lake	Collins/Good	/Bartels
*5.	1955-1956	T29S,R6E,Sec	Klamath/Timber Crater	Bliss/Fair	
6.	May 1976	T34S,R8E,Sec 10	Klamath/Chiloquin	N/A/Fair	/Ingram
+7.	January 1980	T23S,R7E,Sec 31	Klamath/Odell Creek	Walp/Fair	Tracks Observed On Skiing Trip/Ingram
8.	June 1978	T29S,R5½E,Sec 11	Klamath/N.Crater Lake Park	N/A/Fair	/Ingram
+9.	January 1981	T23S,R7E,Sec 7,8	Klamath/Maklaks Mt	Walp/Fair	Tracks Observed On Skiing Trip/Ingram
10.	August 1972	T34S,R17E,Sec 30	Lake/Ingram Guard Station	N/A/Fair	/Ingram
11.	July 1975	T30S,R23E,Sec	Lake/Alkali Lake	Zurcher/Fair	/Grogan
+12.	October 1979	T31S,R16E,Sec 21	Lake/Freemont Point	N/A/Fair	Tracks Observed On Skiing Trip/Ingram
*13.	August 1975	T39S,R21E,Sec	Lake/Camas Creek	Young/Fair	/Grogan
14.	October 1971	T20S,R6E,Sec 22	Lane/Taylor Burn	Canaris/Fair	/Greer
+15.	January 1982	T22S,R6½E,Sec 17,18	Lane/Mountain Ray	Walp/Fair	Tracks Observed On Skiing Trip/Greer
16.	November 1977	T13S,R6E,Sec 25	Linn/Hwy 20 Hackleman Creek	Deering/Good	Road Kill-When Returned Animal Gone/Heitz,Bruce
17.	December 1980	T1N R8W,Sec Unknown	Tillamook/N.Fork Wilson River	Unknown Trapper/ Fair	/Taylor
18.	January 1978	T14S,R34E,Sec 24	Grant/Mouth of Deardorff Creek	Kilbey/Fair	/Hatten
19.	November 1979	T7S,R36E,Sec 23	Grant/Crawfish Lake	Unknown Hunter/ Fair	/Hatten
+20.	January 1980	T16S,R34E,Sec 7	Grant/Bosenberg Creek	Hatten/Fair	Saw Tracks/Polenz
20.	September 1980	T14S,R36E,Sec 29	Baker/Table Rock	Caulkins/Fair	/Polenz
22.	September 1979	T14S,R18E,Sec	Crook/Marks Creek Burn	USFS Employee/ Fair	/Scott

* Prior to 1972 but not included in 1972 report

+ Tracks only

Table 1 (Cont'd)
Wolverine Sightings in Oregon
Reported to District
Biologists 1973-1982

No.	Date	Legal Description	County/Area	Observer/Reliability	Observer Info/Dist Bio
23.	August 1980	T14S,R19E, Sec 5	Crook/Marks Creek	USFS Employee/Fair	/Scott
24.	October 1975	R13S,R24E,Sec 23	Wheeler/Spanish Peak	Scott/Fair	Scott Found Hair/Scott
25.	October 1981	T12S,R20E, Sec 17	Wheeler/Ochoco Summit	Unknown Mctorist/ Fair	/Scott
26.	December 1979	T33S,R33E, Sec 11,12	Harney/Little Blitzen River	Masson & Torland/ Good	at 9,000 Ft/Polenz
27.	May 1982	T4S,R45E,Sec 9	Wallowa/Aneroid Lake	Grossman/Good	At 6,800 Ft, Snowing Poor Visibility, Convin- cing Description/Kemp
28.	April 1975	T3S,R40E, Sec 26	Union/Mill Creek	Edwards/Fair	Saw Two Wolverines Together. Returned With Wife Later And Saw Same Two Animals/Kemp
+29.	November 1975.	T3S,R40E, Sec 11	Union/Warm Creek	Lane/Fair	Two Miles From Where Sightings Occurred In Spring 1975 (see #28)/ Kemp

+Track Sighting Only

Table 2

Fisher Sightings in Oregon
Reported to District
Biologists 1973-1982

No.	Date	Legal Description	County/Area	Observer/Reliability	Observer Info/Dist Bio
1.	June 1973	T18S,R8E,Sec 14	Deschutes/Sparks Lake	Del Nero/Fair	/Behrens
2.	June 1974	T20S,R7E, Sec 13	Deschutes/Big Cultus Lake	Parker/Fair	Saw Five Animals At Same Time/Behrens
3.	September 1977	T20S,R6E,Sec 13	Deschutes/N.Brama Lake	Schwart ,Fies, Penington/Good	Observed Jumping From Tree To Tree/ Behrens
4.	August 1979	T21S,R12E,Sec 34/35	Deschutes/Paulina Lake	Fullerton/Good	/Behrens
* 5.	January 1978	T30S,R2E,Sec 16	Douglas/Southeast	N/A	Released/Bartels
* 6.	April 1978	T30S,R2E,Sec 16	Douglas/Southeast	N/A	Released/Bartels
* 7.	February 1980	T30S,R2E,Sec 16	Douglas/Southeast	N/A	Released/Bartels
8.	December 1979	T28S,R5E,Sec 28	Douglas/Clarks Branch Rd	Hadwen/Positive	Trapped Animal/ Ingram
9.	May 1975	T30S,R6E,Sec Unknown	Klamath/Crater Lake Park	N/A	/Ingram
10.	July 1975	T30S,R6E,Sec Unknown	Klamath/Crater Lake Park Westside	Kirk/Positive	Trapped Animal Released/Behrens
11.	June 1978	T38S,R6E,Sec 14	Klamath/Buck Lake	Not Available/ Good	/Ingram
+12.	January 1980	T24S,R6E,Sec 3/4	Klamath/Fawn Lake	Walp/Good	Fisher Caught In Marten Trap Pulled Out, Identified By Tracks And Evidence At Site/ Ingram
+13.	January 1981	T23S,R7E,Sec 15	Klamath/Odell Creek	Walp/Fair	Tracks Observed While On Snowshoeing Trip/ Ingram
14.	July 1975	T20S,R7W,Sec 11	Lane/Oxbow Run	Meyers/Good	Meyers Is A Biologist BLM. Visual Sighting/ Herb
15.	August 1978	T23S,R2W,Sec 1	Lane/Mosby Creek	McQuire,Dale/ Fair	McQuire Is A Forester Eugene District BLM. Visual At Distance/ Herb

* Fisher Were Released To Reestablish Population
+ Track Sighting Only

Table 2 (Cont'd)

Fisher Sightings in Oregon
Reported to District
Biologists 1973-1982

No.	Date	Legal Description	County/Area	Observer/Reliability	Observer Info/Dist Bio
16.	September 1980	T18S,R8W,Sec 21	Lane/Along Siuslaw River	Wagner/Fair	Wagner Is A BLM Biologist Sighting At Night From A Moving Vehicle/ Greer
17.	January 1981	T23S,R5½E,Sec 10,11 14,15	Lane/Deer Creek	Walp/Good	Marten In Trap Killed And Eaten, Tracks At Site Appeared To Be A Fisher/Greer
+18.	December 1981	T22S,R6E,Sec 30	Lane/Gold Lake	Walp/Fair	Identified By Tracks/ Greer
19.	December 1980	T1N,R8W,Sec	Tillamook/L.North Fork Wilson River	Unknown Trapper/ Fair	Sighted At Distance/ Taylor
20.	July 1981	T4S,R10W,Sec 24	Tillamook/1.5 Miles East Of Cloverdale	Sherrid/Fair	Reported By Terry Brian Hebo District Biologist,Siuslaw National Forest/ Taylor
21.	July 1981	T3 S, R9W,Sec 15	Tillamook/3.5 East Of Hemlock	Bryan/Good	Observed Crossing Road/Taylor
22.	Fall 1981	T3S,R10W,Sec 34	Tillamook/Farmer Creek	Westley/Good	Westley Is A Trapper From Hebo Oregon/ Taylor
23.	September 1980	T3S,R4E,Sec 8	Clackamas/Clackamas River	Pugh/Good	/Greer
+24.	June 1978	T 3S,R4½E,Sec 8	Union/Indian Creek Camp	Breshears/Good	Five Animals In One Group, Four In Another Tracks Only/Kemp
+Track Sighting Only					

Table 3

Marten Sightings in Oregon
Reported to District
Biologists 1973-1982

No.	Date	Legal Description	County/Area	Observer/Reliability	Observer Info/Dist Bio
1.	January 1978-81	T23S,R8E,Sec 19,20 29,30	Deschutes/Hamner Butte	Walp/Positive	Trapped total of 8 Martens from these areas during the four year period/ Behrens
2.	January 1978-81	T24S,R7E,Sec 23,24 25	Deschutes/Odell Butte	Walp/Positive	
3.	January 1978-81	T22S,R7E,Sec 25	Deschutes/Davis Lake Lava Flows	Walp/Positive	
4.	June 1978	T20S,R8½E Sec 29	Deschutes/Cultus River	Fies/Good	/Behrens
5.	August 1978	T21S,R12E Sec 33	Deschutes/Paulina Lake	Fies/Good	/Behrens
6.	August 1978	T21S,R10E, Sec 19	Deschutes/Paulina Creek	Fies/Good	/Behrens
7.	December 1980	T18S,R10E Sec Unknown	Deschutes/Todd Lake	Burns/Positive	Trapped several /Behrens
8.	May 1982	T22S,R13E,Sec 32	Deschutes/E.Lake Campground	Gienger/Good	/Behrens
9.	June 1982	T22S,R13E,Sec 6	Deschutes/Obsidian Flow Campground	Gienger/Good	/Behrens
10.	June 1977	T27S,R5E,Sec 36	Douglas/Diamond Lake	Not Available/ Fair	/Bartels
11.	July 1977	T26S,R5E, Sec 11	Douglas/Lemolo Generator	Wallerstick/Good	Homeowner Umpqua Nat'l Forest/Bartels
12.	November 1977	T27S,R5E to 6E Sec	Douglas/Lake Creek	Talbert/Good	Umpqua Nat'l Forest /Bartels
13.	December 1977	T29S,R4E,Sec 21	Douglas/Rogue Nat'l Forest	Combs/Good	Rogue Nat'l Forest /Bartels
14.	January 1978	T25S,R1E, Sec Unknown	Douglas/Steamboat Road	Finnell/Good	Umpqua Nat'l Forest/ Bartels
15.	May 1978	T26S,R5E, Sec Unknown	Douglas/Lemola Lake	USFS Empl/Good	
16.	June 1978	T26S,R3E, Sec 34	Douglas/N.Fork Umpqua	Olsen/Positive	Found Dead on Road/ Bartels
17.	June 1978	T28S,R1W, Sec 28	Douglas/Dumont Creek	Sexton/Good	Umpqua Nat'l Forest /Bartels
18.	July 1978	T27S,R6E, Sec Unknown	Douglas/Diamond Lake	USFS Empl/Good	Umpqua Nat'l Forest/ Bartels

Table 3 (Cont'd)

Marten Sightings in Oregon
Reported to District
Biologists 1973-1982

No.	Date	Legal Description	County/Area	Observer/Reliability	Observer Info/Dist Bio
19.	August 1978	T28S,R5E, Sec Unknown	Douglas/Mt Thielson	USFS Empl	Umpqua Nat'l Forest /Bartels
20.	November 1978	T26S,R1E,Sec 2,4	Douglas/Steamboat Falls	USFS Empl	Umpqua Nat'l Forest /Bartels
21.	January 1979	T27S,R1W,Sec Unknown	Douglas/White Creek Road	YACC-USFS Empl	Umpqua Nat'l Forest /Bartels
* 22.	1970-1977	T16S,R4E to T24S,R8E	Lane-Douglas	Walp/Positive	Walp Reports Trapping 25-30 Marten/Year During This 8 Year Period
23.	August 1974	T21S,R12E, Sec 36	Klamath/Little Crater Paulinas	Ingram/Good	/Behrens
24.	January 1978-81	T24S,R5½E,Sec 28	Klamath/Emigrant Pass Area	Walp/Positive	Several Trappings In Area by Walp/Ingram
25.	January 1979	T24S,R6E,Sec 2,3,4 T23S,R6E,Sec 34	Klamath/Redtop Mt Fawn Lake Area	Walp/Positive	Trapped 10 Marten /Ingram
26.	January 1979	T23S,R6E, Sec 18,19 20,29,30	Klamath/Trapper Creek	Walp/Positive	Trapped 10 Martens /Ingram
27.	January 1980	T23S, R6E, Sec 3,4,5	Klamath/Rosary Lake	Walp/Positive	Trapped 10 Martens In This Area In 14 Day Period/Ingram
28.	January 1980	T37S,R5E,Sec 31	Klamath/Daley Creek	N/A/Good	/Ingram
29.	January 1980	T23S,R6E,Sec 18,19 20,29,30	Klamath/Trapper and Crystal Creeks	Walp/Positive	Trapped 30 Marten In Area In 14 Day Period/Ingram
* 30.	January 1962-64	T16S,R6E,Sec 31,32	Lane/Frissell Point	Walp/Positive	Trapped 1 or 2 Marten Each Year/Greer
* 31.	1962-1964	T15S,R6E,Sec 31,32	Lane/Lookout Mt	Walp/Positive	Trapped 1 or 2 Marten Each Year/Greer

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Some trappings are prior to 1972 but not reported until 1982

Table 3 (Cont'd)

Marten Sightings in Oregon
Reported to District
Biologists 1973-1982

No.	Date	Legal Description	County/Area	Observer/Reliability	Observer Info/Dist Bio
*32.	1964-1965	T15S, R7E, Sec 24, 27, 28 T15S, R7½E, Sec 33, 34 R16S, R8E, Sec 5, 6, 8, 9 15, 21, 22	Lane/Scott Mt Lane/Scott Lake Area Lane/Sims Butte to Lane Plateau	Walp/Positive	Trapped During a 2 Week Period Each Year Catching 10-15 Marten Each year/Greer
*33.	January 1967-68	T17S, R8E, Sec 9, 10, 11, 12, 13	Lane/Substitute Point To Separation Meadow	Walp/Positive	Trapped 20-30 Marten Per Year During This Period/Greer
34.	January 1967-68	T20S, R5½E, Sec 23, 24	Lane/Box Canyon	Walp/Positive	Trapped 1 or 2 Marten Per Year/Greer
35.	January 1967, 1968	T18S, R6E, Sec 35, 36	Lane/Frissell Crossing	Walp/Positive	Trapped 1 or 2 Marten Year/Greer
36.	January 1967, 1968	T16S, R6½E, Sec 27, 33	Lane/Foley Ridge	Walp/Positive	Trapped 1 or 2 Marten Per Year/Greer
37.	January 1967, 1968	T16S, R6E, Sec 1, 2	Lane/Belknap Springs	Walp/Positive	Trapped 2 Marten Per Year/Greer
38.	January 1978	T22S, R6E, Sec 19, 30 T22S, R5½E, Sec 25	Lane/Gold Lake Area	Walp/Positive	Trapped 2 Marten/ Greer
39.	January 1978	T23S, R5½E, Sec 12, 13	Lane/Pengre Pass	Walp/Positive	Trapped 3 Martens During a 2 Week Period/Greer
40.	January 1978	T22S, R5½E, Sec 27, 28, 33	Lane/Fuji Meadow	Walp/Positive	Positive/Greer
41.	January 1979	T22S, R6E, Sec 19, 30 T22S, R5½E, Sec 25	Lane/Gold Lake Area	Walp/Positive	Trapped 3 Marten /Greer
42.	January 1979	T23S, R5½E, Sec 10, 11, 14, 15	Lane/Deer Creek	Walp/Positive	Trapped 15 Marten /Greer
43.	November 1979	T22S, R5E, Sec 35	Lane/Headwater of S. Fork Salt Creek	Harshman/Good	Harshman is the Willamette N.F. Staff Biologist/Greer
44.	January 1980	T16S, R4E, Sec 29	Lane/Near The Town Of Blue River On The McKenzie River	Walp/Positive	Marten Trapped In Mink Set/Greer

*Some trappings are prior to 1972 but not reported until 1982

Table 3 (Cont'd)

Marten Sightings in Oregon
Reported to District
Biologists 1973-1982

No.	Date	Legal Description	County/Area	Observer/Reliability	Observer Info/Dist Bio
45.	March 1980	T18S,R12W,Sec 3	Lane/Coastal Dunes In Dense Shorepine	Ron Auler/Fair	Auler Is A Biologist Who Has Observed Marten In The Past/ Greer
46.	July 1980	T14S,R7½E,NE¼ Sec 19	Lane/East Shore Big Lake	Horton/Fair	Reported By USFS Blue River Ranger District Willamette N.F./Greer
47.	January 1981	T23S,R5½E,Sec 10,11, 14,15	Lane/Deer Creek	Walp/Positive	Walp trapped 30 Martens In A 2 week Period/Greer
48.	August 1981	T16S,R8½E,Sec 19	Lane/Near Obsidian Falls, Three Sisters Wilderness	Collins/Good	Reported By Blue River Ranger District Willamette N.F./Greer
49.	November 1980	T36S,R17E,Sec 36	Lake/Little Honey Creek	USFS Empl/Good	/Ingram
50.	1972-1982	Not Available	Coos/Westside of County	Various/Fair	Several Unknown Observations on Westside of Coos Coun.
51.	September 1981	T7S,R34E,Sec 18	Grant,N.F. John Day Above Big Creek	Kaufman,Bakert, Lone/Good	/Hatten
52.	October 1981	T21S,R35E,Sec 24	Grant/Frosty Gulch	Hatten Garner/ Good	/Hatten
53.	March 1980	T4S,R40E, Sec	Union/N/A	Unknown/Fair	
54.	August 1977	T35S,R4E, Sec 12	Jackson/Rogue Nat'l Forest	Foute/Good	/Warner
55.	November 1977	T31S,R4E,Sec 22,23	Jackson/Huckleberry Mt	Noll,High/Good	Cole R Hatch Em./Warner
56.	November 1977	T40S,R1E,Sec Unknown	Jackson/Mt Ashland Watershed	Dutton/Good	/Warner
57.	July 1978	T37S,R5E,Sec 20,21	Jackson/Rogue Nat'l Forest	USFS Empl/Good	/Warner
58.	January 1979	T31S,R3E,Sec 19	Jackson/Rogue Nat'l Forest	Downing/Good	/Warner

Table 4
Marten Trap Record in Oregon
1973-1982

Year	Deschutes	Jefferson	Klamath	Douglas	Jackson	Lane	Baker	Marion	Wallowa	Grant	Lincoln	Tillamook	Curry	Union	Coos	Linn	State Total	Ave Price/Pelt
1973-74	19	0	20	4	5	2	0	0	0	0	0	0	0	0	0	0	50	\$5.10
1974-75	0	0	23	3	4	0	1	1	2	0	0	0	0	0	0	0	34	8.36
1975-76	4	0	12	7	1	3	0	0	0	0	0	0	0	0	0	0	27	14.85
1976-77	32	4	10	2	0	0	0	2	18	1	1	4	0	0	0	0	74	15.85
1977-78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1978-79	22	0	54	3	0	7	0	0	0	0	0	0	1	3	0	0	90	16.97
1979-80	4	0	2	47	0	34	0	0	4	0	0	0	0	0	1	1	93	-
	81	4	121	66	10	46	1	3	24	1	1	4	1	3	1	1	368	County Total

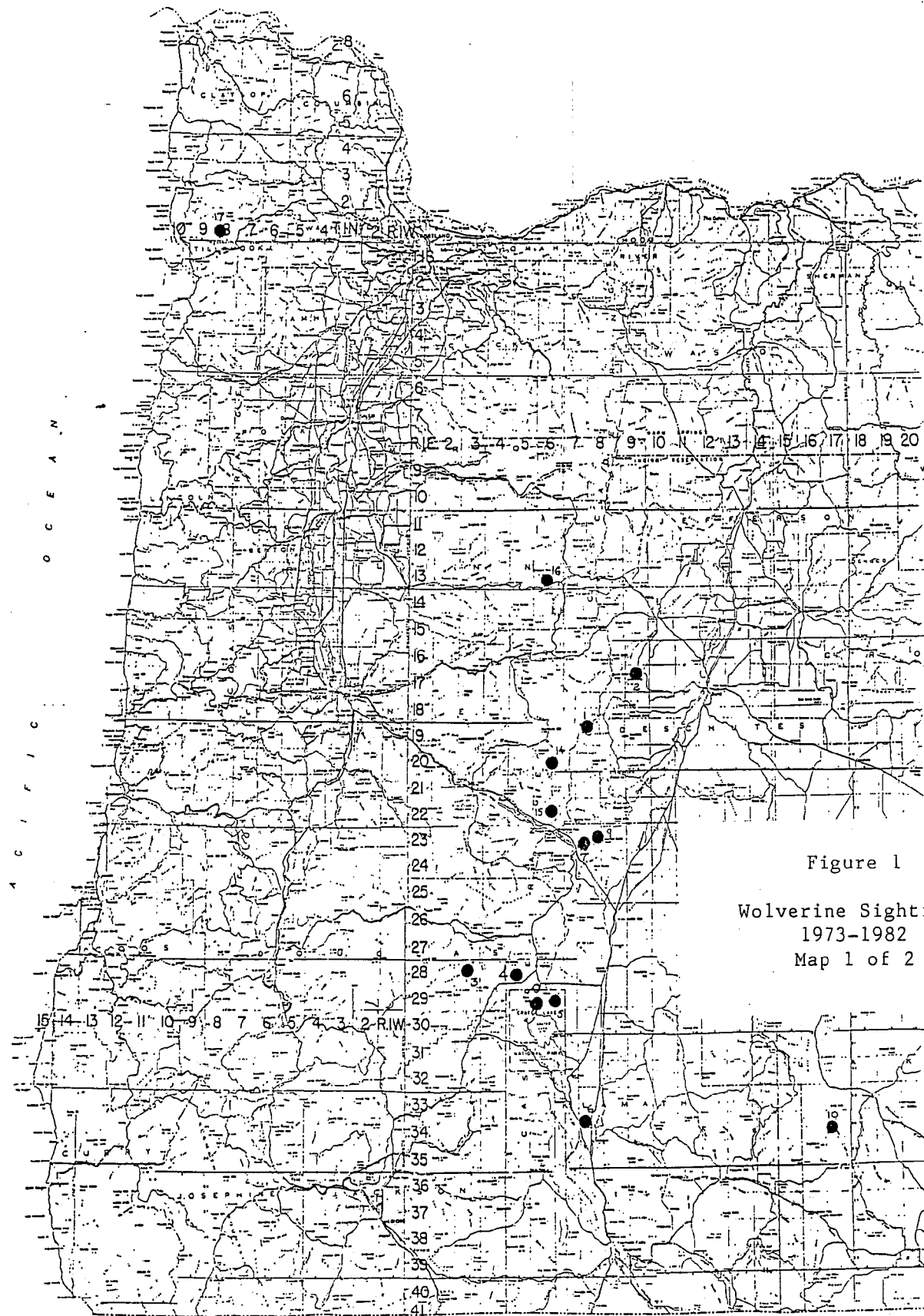
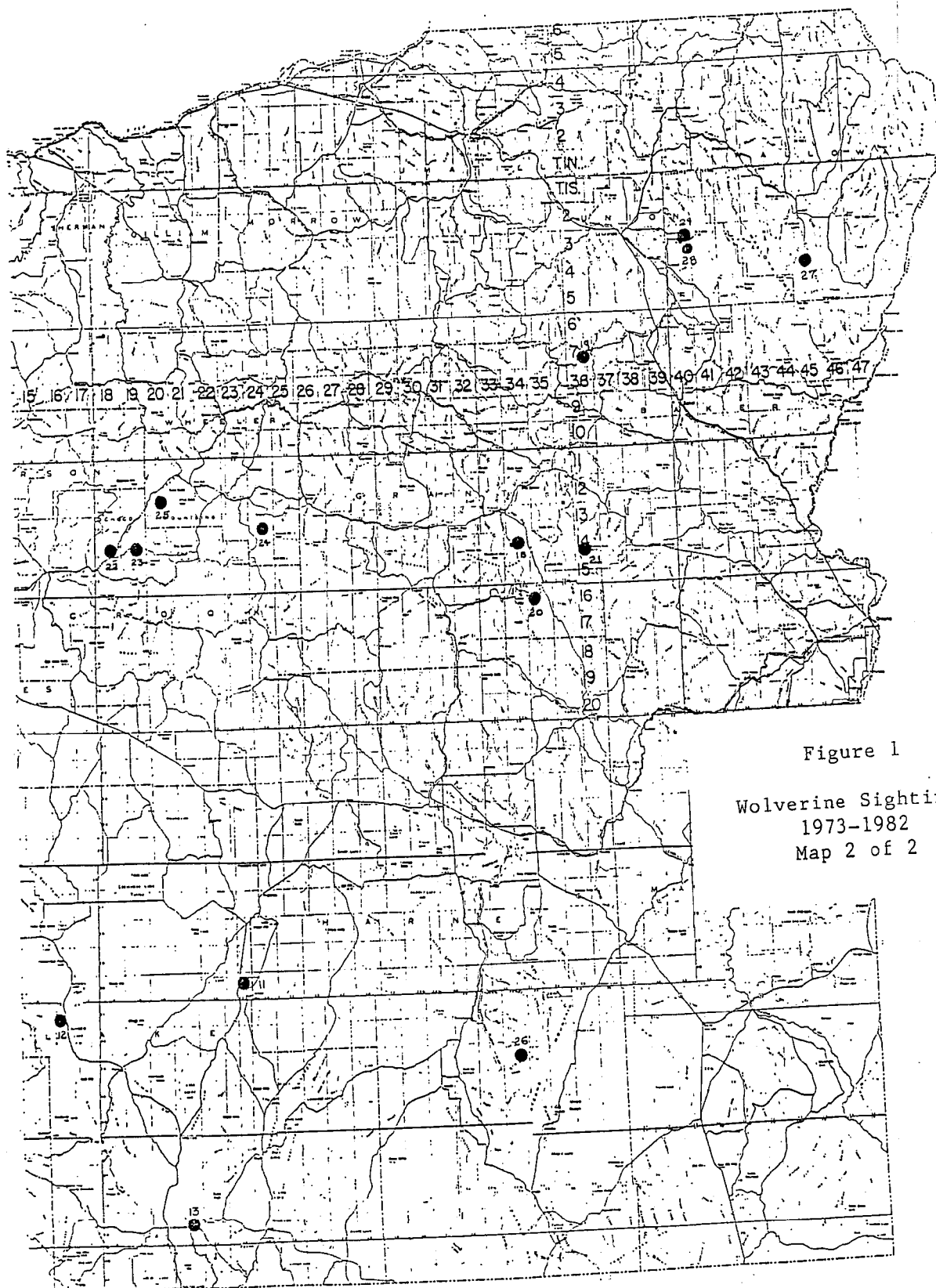


Figure 1

Wolverine Sightings
1973-1982
Map 1 of 2



• Black dot indicates a sighting location.
 • Dashed line indicates a county boundary.
 • Solid line indicates a major road.
 • Thin solid line indicates a river or stream.
 • Thin dashed line indicates a section boundary.

PORTLAND
 45° 32' N
 122° 42' W
 1973-1982
 1:250,000
 1973-1982
 1:250,000

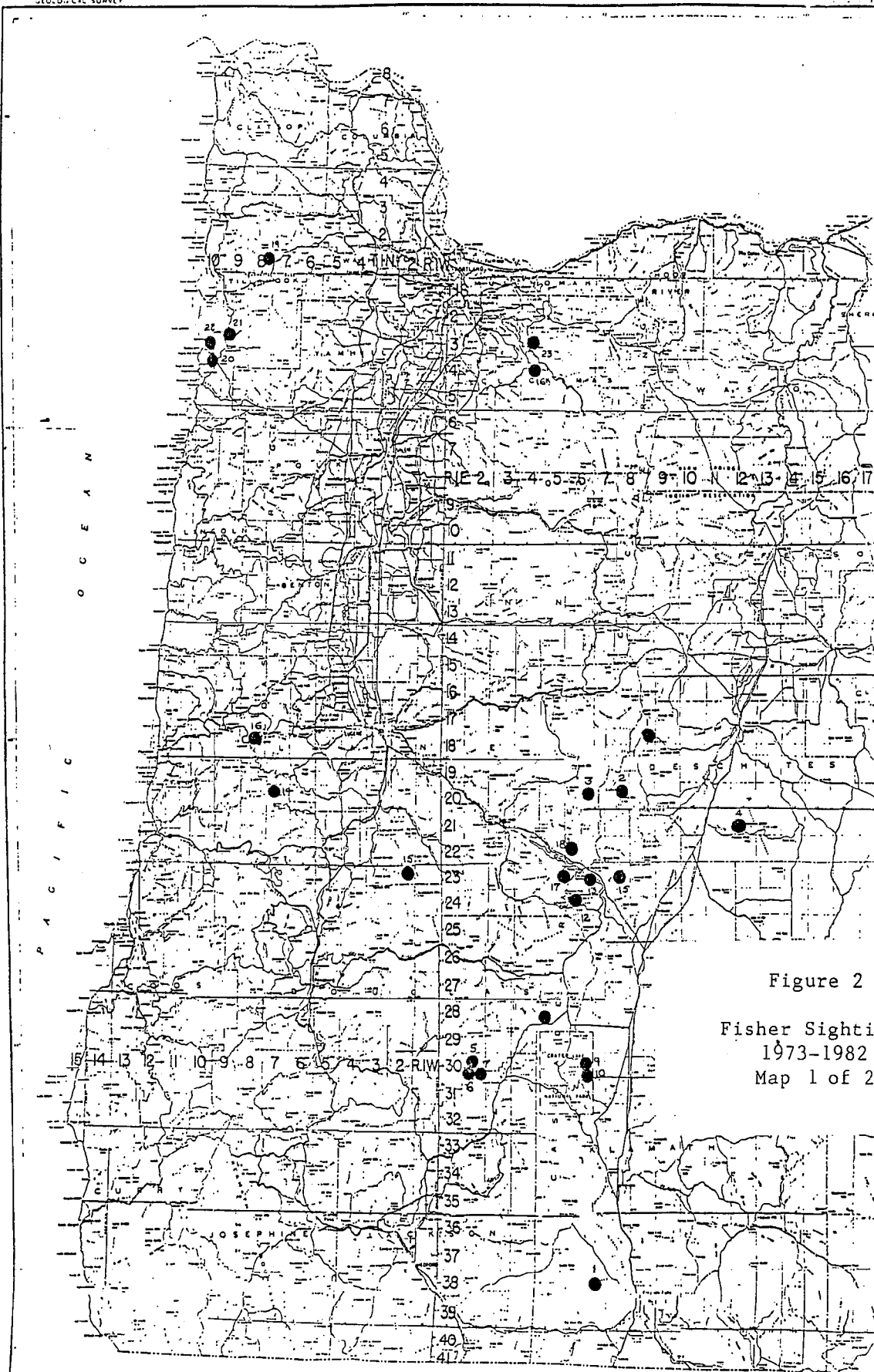


Figure 2

Fisher Sightings
1973-1982
Map 1 of 2

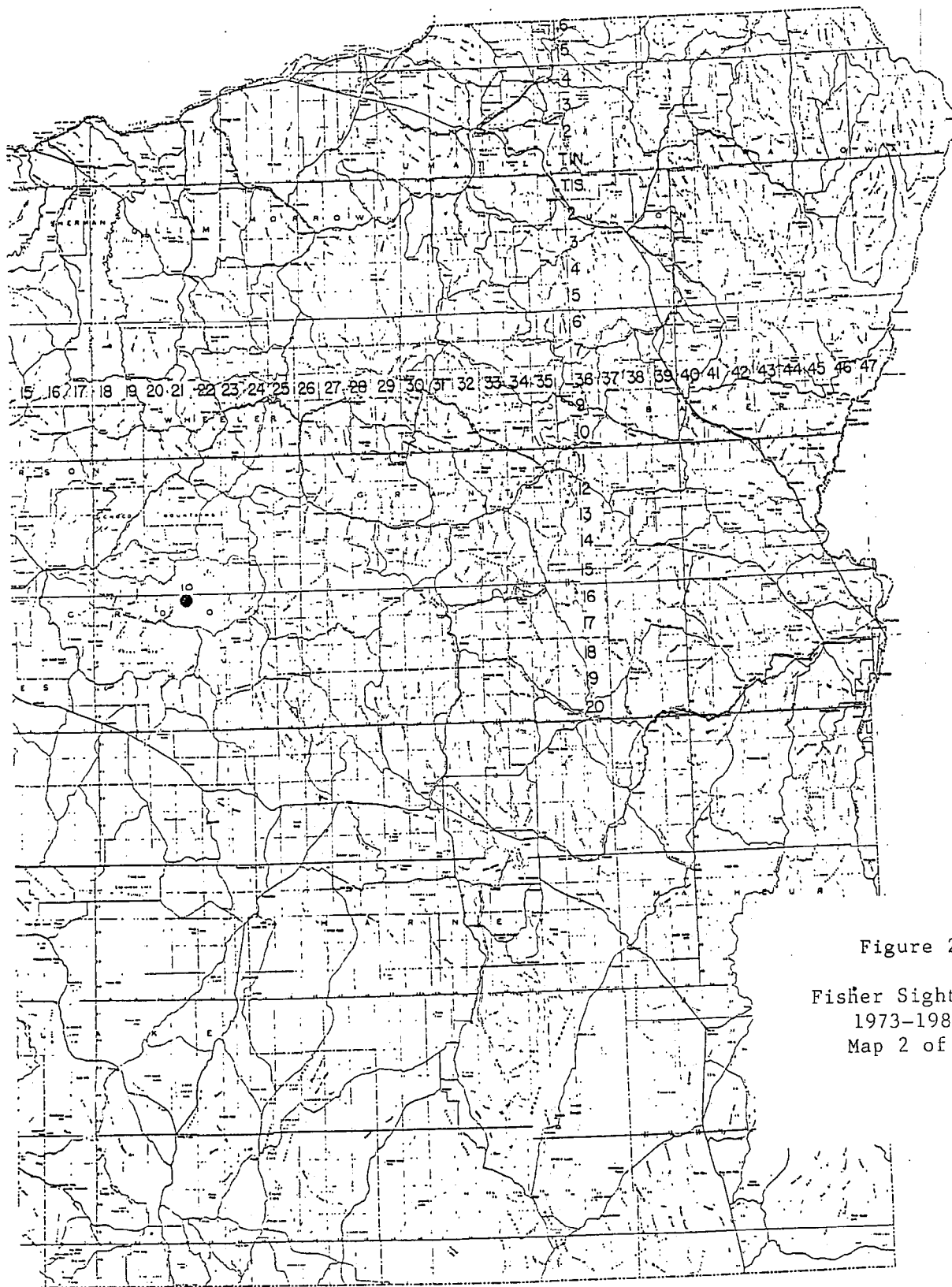


Figure 2
Fisher Sightings
1973-1982
Map 2 of 2

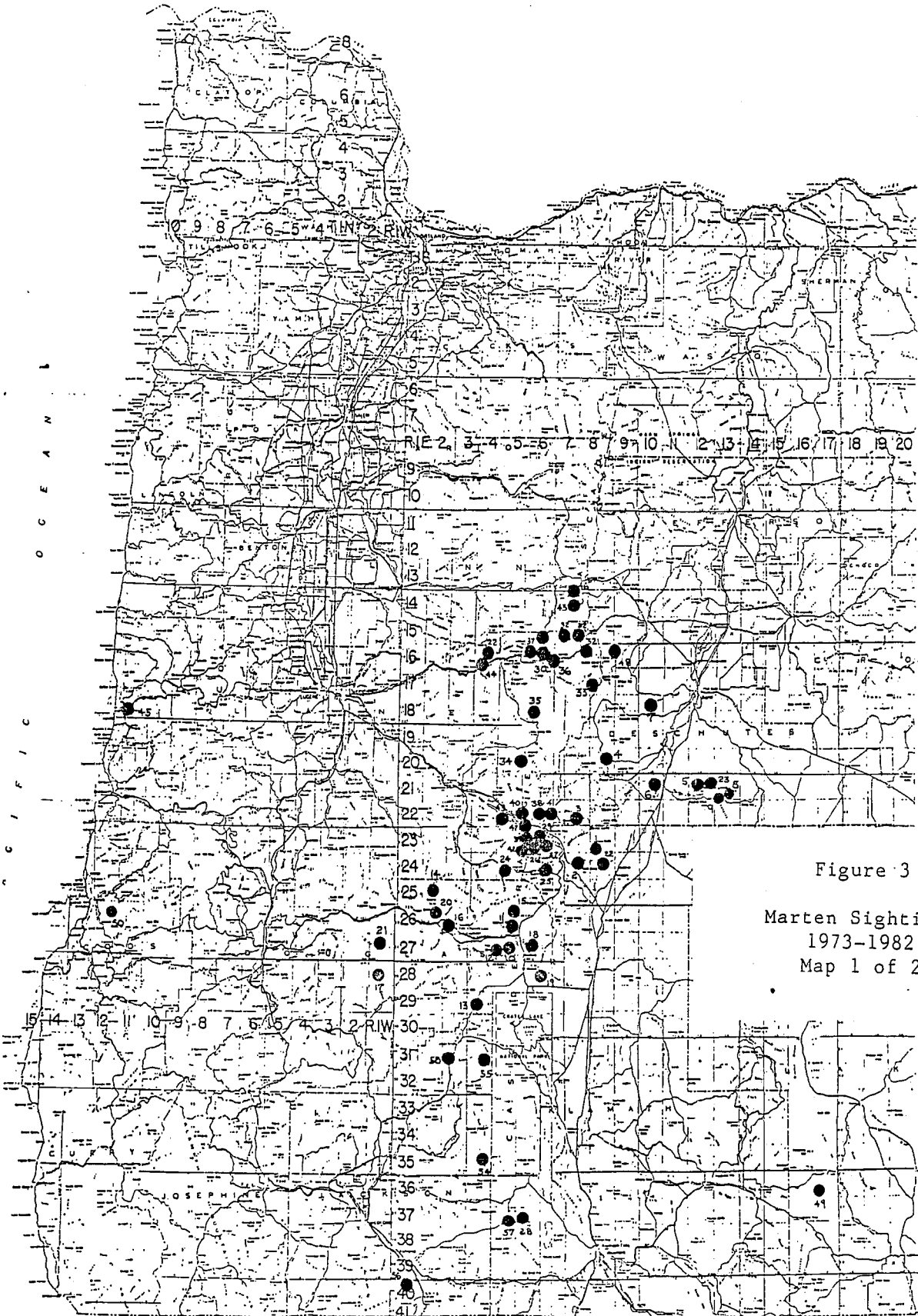


Figure 3

Marten Sightings
1973-1982
Map 1 of 2

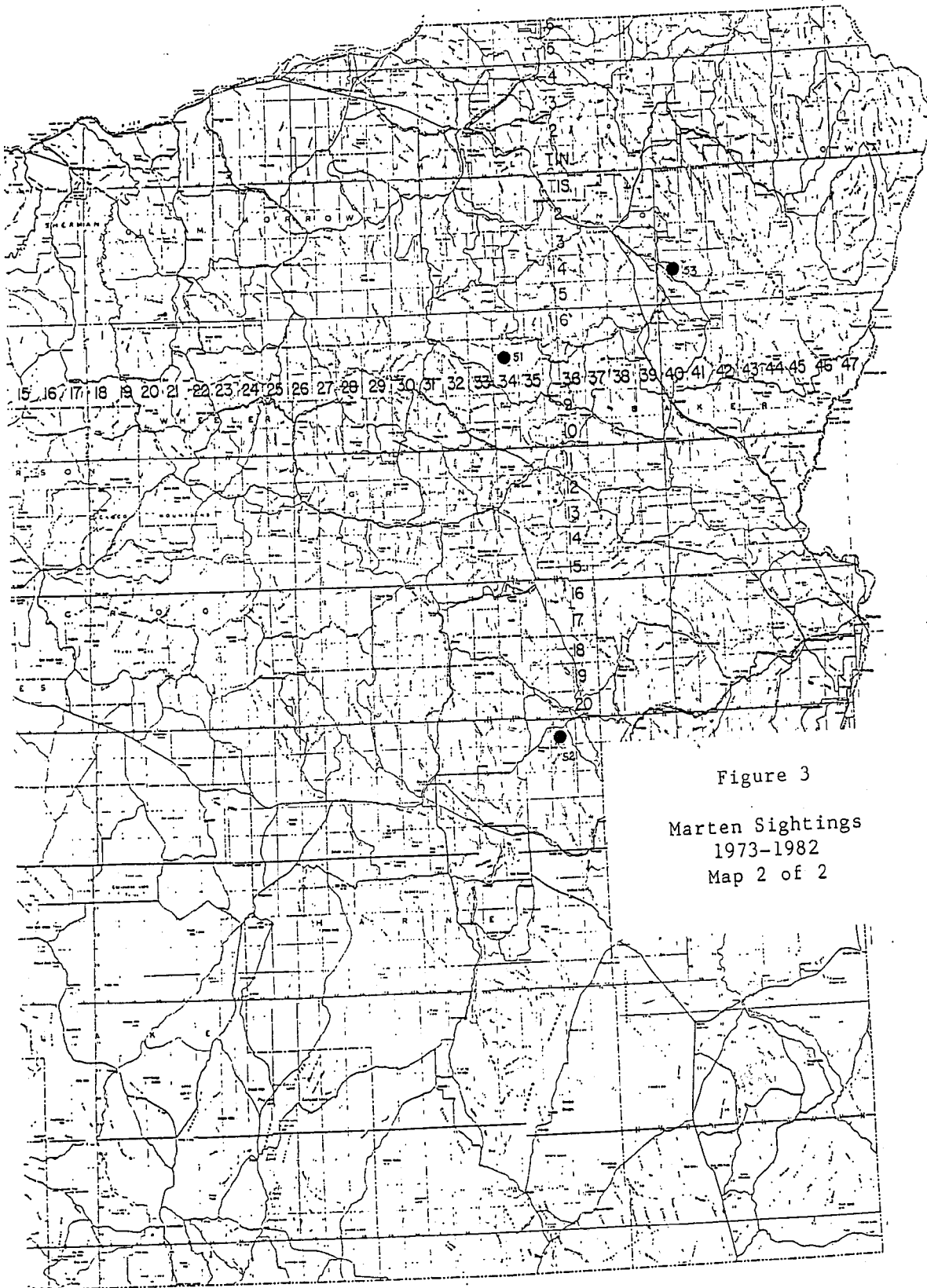


Figure 3

Marten Sightings
1973-1982
Map 2 of 2