

Western Oregon Industrial Forest Land
Ownership GIS Layer

Phillip Sollins
Department of Forest Science
Oregon State University
Corvallis, OR 97331

In an effort to help researchers and other interested parties better understand causes and consequences of land use in western Oregon, we have assembled a GIS data-layer showing ownership of the industrial and government administered lands. With minor exceptions, coverage is complete west of the Cascade Crest. The majority of the data comes from two sources. Ownership of private industrial timberlands comes mainly from a layer assembled by Atterbury Consultants, Inc, Beaverton, OR, under contract to Oregon Dept. of Forestry. Data in this layer were reported to be current as of 1991. We corrected many inconsistencies and mistakes in the Atterbury layer, but many undoubtedly still remain. Ownership boundaries for Federal, State, County and City timberlands came from a layer supplied by the OR GIS Center. Inconsistencies between the two sources (especially common around the Siskiyou NF) were resolved with our best judgment. Private land held within the Cascade Range National Forests (inholdings) were not considered by Atterbury. To deal with these, we looked up most of the parcels in county tax assessor maps and entered the ownership attribute information into the final layer.

We emphasize that the information in this ownership layer is of varying quality and reliability. Errors fall into four general categories:

- 1) Incorrect digitizing of tax assessors' maps. Where such lines follow clearcut boundaries, we have found that most (but not all) lines agree with satellite imagery (TM) within 50-150 m.
- 2) Errors in the boundary lines in the tax assessors' maps. Ideally ownership lines would have been input directly from the survey notes. To our knowledge, however, the entire Atterbury dataset was created by digitizing the maps with AutoCAD.
- 3) Land sales since 1991. Except with regard to the inholdings mentioned above, the layer does not reflect changes in ownership since 1991.
- 4) Land sales effected before 1991 but not yet entered into the tax assessors' maps at the time they were digitized.

Users should be aware that neither we nor Oregon State University make any claims whatsoever as to accuracy of this layer. We would, however, appreciate having any errors brought to our attention.

Questions should be directed to Prof. Phillip Sollins at the address shown above (tel. 503-737-6582, e-mail sollins@fsl.orst.edu).

Corvallis Forestry Sciences Laboratory - GIS Data Dictionary

GIS LAYER ABSTRACT

TITLE: Western Oregon Industrial Forest Land Ownership

GIS LAYER PATHNAME: /data/gisinfo/oregon/owner_att

GIS FORMAT: ARC/INFO FEATURE TYPE: POLY

KEYWORDS:

ownership, private, industrial, forest

RESEARCH AREA/REGION:

Western Oregon

DATA SOURCE:

Atterbury Consultants Inc., USFS, Oregon Wilderness Society

GEOGRAPHIC BOUNDARIES (in long/lat coordinates):

XMIN 124.543 YMIN 41.987 XMAX 121.621 YMAX 46.229

PROJECTION: UTM

MAP UNITS: Meters SCALE OF SOURCE: 1:126720

CREATION DATE: 941212

REVISION DATES:

OWNER: Phil Sollins - (503) 737-6582 - OSU

ABTRACTOR: Alissa Nesje - (503) 750-7349 - OSU

GIS CATALOG NUMBER: DATE: 941212

COMMENTS:

This coverage is a compilation of ownership information from a number of different sources of a variety of scales and dates. Private ownership information, taken from the ACI database, represents 1990-91 ownership.

DATA LAYER OR GRID DESCRIPTION:

Almost all of the data on private land ownership was obtained from the ACI database. The only exceptions are the private inholdings in the Willamette and Umpqua NF's, which were recorded in 1994. The national forest data was taken from USFS (Willamette and Umpqua) and Oregon Wilderness Society (Siskiyou, Rogue, Mt.Hood) coverages (except for the Siuslaw NF, which was included in the original ACI database). A variety of sources were used by Atterbury, including color coded 1:126720 scale ODF Fire Protection District maps and 1:2000 scale county assessor plats with associated Fire Protection Role listings. Where information was unavailable from the State, ACI acquired county listings and plat maps from the county assessor. The ownership was digitized in AutoCAD from the various sources onto the ACI base, fitting all owner lines to the USGS section lines where they are concurrent. The coverages were later transformed to ARC/INFO when they were acquired by the GIS/SSC. Atterbury had originally been contracted to construct a database for non-industrial privately owned forest land. In other words,

industrial land ownership - the data used in this coverage - was only compiled as a peripheral element of their original project.

COMMENTS ON DATA QUALITY:

Good. Some information may be out of date.

RELATE FILES:

None

LOOKUP TABLES:

None

ITEM LIST

ITEM NAME	INPUT WIDTH	OUTPUT WIDTH	ITEM TYPE	DECIMAL
AREA	8	18	F	5
PERIMETER	8	18	F	5
OWNER_ATT#	4	5	B	0
OWNER_ATT-ID	4	5	B	0
OWNER	8	8	C	0
OWNCLAS	8	8	C	0
SYMBOL	4	4	B	0
OWNCLAS2	8	8	C	0
SYMBOL2	4	4	B	0

ITEM DESCRIPTIONS

OWNER : individual land owner

Codes:

AGNEW - Agnew, Dan
AJF - AJF Investment Company
ARMY/C&E - Army Corps of Engineers
AVERY - Avery
AVISN - Avison Lumber Co.
BAXTR - Baxter, J.H.
BDTBR - B & D Timber Inc.
BEAR - Bear Creek
BENSN - Benson Timber
BKNOB - Bald Knob
BLIX - Blixseth
BLM - Bureau of Land Management
BOHEM - Bohemia Lumber Co.
BOISE - Boise Cascade Corp.
CAVEN - Cavenham Forest Industries
CBNB - CB-NB Water
CHAMP - Champion International Corp.
CHEAD - Coos Head Timber
CITY - City
CLARU - Claruth, Willna, & Franbea

CNTY - County
CONE - Cone Lumber Co.
COAST - South Coast Lumber
CPARK - County park
CRPAC - Crown Pacific Limited
DAISH - Daishowa
DAVID - Davidson Industries
DIAMB - Diamond B
DIAMD - Diamond Wood Products
DOT - Department of Transportation
EPSIE - Epsie Spalding
ESTAC - Estacada Lumber Co.
EUGWA - Eugene Water & Electric
EVENS - Evenson Logging Co.
FIBRE - Longview Fibre Co.
FORD - Ford, Kenneth & Hallie (Trust)
FRANK - Frank Lumber Co.
FRERS - Freres Lumber Co.
FRIES - Friesen Lumber Co.
GIUST - Giustina Brothers
GP - Georgia Pacific Corp.
HAMPT - Hampton Tree Farms Inc.
HERBT - Herbert Lumber Company
HULL - Hull, Ralph
IHILT - Indian Hill Timber
INRSV - Indian reservation
IP - International Pacific
ITTRA - ITT Rayonier Inc.
JHANK - John Hancock Mutual Insurance
JRIVR - James River
JTOWN - Jamestown
KELLR - Keller Lumber Company
KOGAP - Kogap
KOOZR - Koozer Brothers
LKPOW - Lakeview Power Co.
LNPLY - Lane Plywood
LNTBR - Linn Timber
LONER - Lone Rock/Sun Studs
LP - Louisiana Pacific Corp.
MCBRO - McDougal Brothers, Inc.
MFORK - Marion Forks Investment Inc.
MEDCO - Medford Corp.
MIAMI - Miami Corp.
MNSHA - Menasha Corp.
MOORE - Moore Mill
MTFIR - Mountain Fir Lumber Co. Inc.
MURPH - Murphy Company
NATUR - Nature Conservancy
NONFED - No data
NPARK - National Park
NWTBR - Northwest Timber Affiliates
OFED - Other Federal
OLSON - Olson, Larry & Elizabeth
OLECO - Oregon Lumber Export Company
OSFW - Oregon State Fish & Wildlife
OSU - Oregon State University

PAHA - PAHA Timber Co.
 PGE - Portland General Electric Co.
 POPE - Pope & Talbot, Inc.
 PPL - Pacific Power & Light Co.
 PTBLK - Port Blakely Tree Farms, L.P.
 PUD - P.U.D.
 PWEST - Points West
 RBRES - Roseburg Resources
 RMTLS - Reynolds Metals Company
 ROSBO - Rosboro Lumber Co.
 ROSEB - Roseburg Lumber Co.
 SENECA - Seneca
 SHILO - Shiloh Forest
 SILVR - Silver Butte Timber Co.
 SIMPS - Simpson Timber Co.
 SP - Southern Pacific
 SPALD - Spalding & Son
 SPARK - State park
 SPARO - Sparrow-Pacific Co.
 SPRIN - Springfield Forest Products
 STARK - Starker Forests, Inc.
 STATE - State Forest, Oregon Dept. of Forestry
 STIM - Stimson Lumber Co.
 SUPER - Superior Logging/Lumber Co.
 SWANS - Swanson Superior
 THOMP - Thompson Tree Farm
 TIMES - Times Mirror Land & Timber Co.
 TMBOP - Timberlans Operating Co.
 TRANS - Transition Inc.
 TRAVL - Travelers
 TSERV - Timber Services
 USFW - U.S. Fish & Wildlife Service
 USFS - U.S. Forest Service
 VANPT - Vanport Manufacturing
 VNEER - North Santiam Veneer
 WASSR - Wasser/Winters Co.
 WESTB - Westbrook Land & Timber
 WESTR - Western Rivers
 WEYCO - Weyerhaeuser Corp.
 WHIPL - Whipple, Carol
 WILBR - Willamina Lumber Company
 WLTIN - Willamette Industries
 YOUNG - Young & Morgan Timber Co.
 ZIPO - Zip-O-Log Mills

OWNCLAS : general land owner class

Codes:

USFS - U.S. Forest Service
 BLM - Bureau of Land Management
 STATE - State of Oregon
 PNI - Private owner, non-industrial
 PI - Private owner, industrial
 NO DATA - No data
 MISC - Miscellaneous public ownership

SYMBOL : display symbol for OWNCLAS (colornames.shd)

OWNCLAS2 : specific land owner class

Codes:

*Same codes as OWNCLAS except for PI, which is classified by total area holdings as follows:

(>100,000 HA, identified by individual owner code)

WEYCO

CAVEN

BOISE

GP

IP

FIBRE

LARGE (50,000-100,000 HA)

MEDIUM (10,000-50,000 HA)

SMALL (<10,000 HA)

SYMBOL2 : display symbol for OWNCLAS2 (colornames.shd)