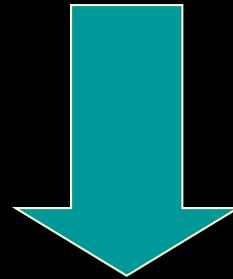
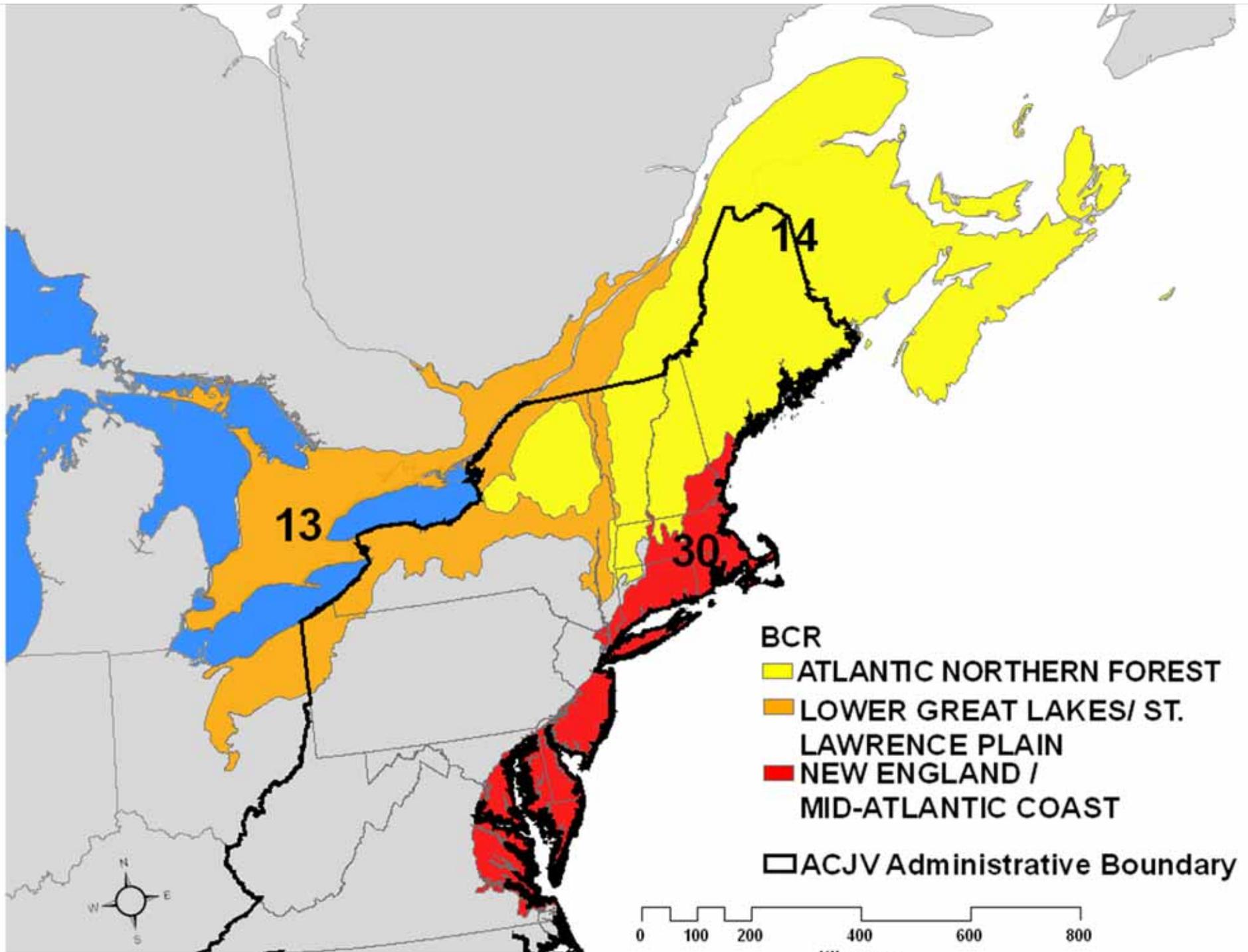


North American Bird Conservation Initiative



nabci



BCR 14 Priority Species

Highest Priority Species

American Woodcock

Greater Shearwater

Barrow's Goldeneye

Ipswich Savannah Sparrow

Bay-breasted Warbler

Nelson's Sharp-tailed Sparrow

Bicknell's Thrush

Piping Plover

American Black Duck

Purple Sandpiper

Canada Warbler

Red-necked Phalarope

Common Eider

Semipalmated Sandpiper

Harlequin Duck

Wood Thrush

Great Cormorant

BCR 14 Priority Species

Highest Priority Species

American Woodcock

Canada Warbler

Bay-breasted Warbler

Bicknell's Thrush

Wood Thrush

BCR 14 Priority Species

High Priority Category

American Golden-Plover	Cape May Warbler	Red Knot
American Redstart	Chestnut-sided Warbler	Red-necked Grebe
Arctic Tern	Chimney Swift	Red Phalarope
Black-bellied Plover	Common Nighthawk	Roseate Tern
Black-crowned Night Heron	Common Tern	Ruddy Turnstone
Black Guillemot	Eastern Wood-Pewee	Rusty Blackbird
Black Scoter	Herring Gull	Short-billed Dowitcher
Black-throated Blue Warbler	Long-eared Owl	Upland Sandpiper
Blue-winged Warbler	Northern Gannet	Veery
Bobolink	Olive-sided Flycatcher	Whimbrel
Boreal Chickadee	Purple Finch	Yellow-bellied Sapsucker
Canada Goose (NAP)	Razorbill	Red Knot

BCR 14 Priority Species

High Priority Species

American Redstart

Blue-winged Warbler

Chestnut-sided Warbler

Olive-sided Flycatcher

Veery

Purple Finch

Black-throated Blue Warbler

Cape May Warbler

Eastern Wood-Pewee

Yellow-bellied Sapsucker

Boreal Chickadee

Long-eared Owl

BCR 14 Priority Species

Moderate Priority Species

American Bittern

Atlantic Brant

Atlantic Puffin

American Oystercatcher

Bald Eagle

Bank Swallow

Barn Swallow

Black-backed Woodpecker

Black-billed Cuckoo

Blackburnian Warbler

Black-legged Kittiwake

Blackpoll Warbler

Black-throated Green Warbler

Boreal Owl

Brown Creeper

Common Goldeneye

Common Loon

Gray Jay

Greater Scaup

Horned Lark

Horned Grebe

Hudsonian Godwit

Killdeer

Leach's Storm-Petrel

Least Sandpiper

Long-tailed Duck

Northern Flicker

Northern Goshawk

Northern Harrier

Northern Parula

Ovenbird

Palm Warbler

Peregrine Falcon

Pine Grosbeak

Red-throated Loon

Rose-breasted Grosbeak

Ruffed Grouse

Sanderling

Semipalmated Plover

Short-eared Owl

Surf Scoter

Vesper Sparrow

Whip-poor-will

Willet

Wilson's Snipe

Wood Duck

Yellow-bellied Flycatcher

Yellow Rail

BCR 14 Priority Species

Moderate Priority Species

Northern Flicker

Black-throated Green Warbler

Ruffed Grouse

Boreal Owl

Whip-poor-will

Brown Creeper

Yellow-bellied Flycatcher

Gray Jay

Rose-breasted Grosbeak

Northern Goshawk

Black-billed Cuckoo

Northern Parula

Black-backed Woodpecker

Ovenbird

Blackburnian Warbler

Pine Grosbeak

Blackpoll Warbler

BCR 14 Priority Species

Softwood

Yellow-bellied Flycatcher
Olive-sided Flycatcher
Canada Warbler
Purple Finch

Bay-breasted Warbler
Bicknell's Thrush
Blackburnian Warbler
Northern Parula
Pine Grosbeak
Brown Creeper
Boreal Owl
Northern Goshawk

Blackpoll Warbler
Cape May Warbler
Gray Jay
Black-throated Green Warbler
Boreal Chickadee
Black-backed Woodpecker
Long-eared Owl

EARLY

successional stage

LATE

Hardwood

Blue-winged Warbler
Black-billed Cuckoo
American Redstart
American Woodcock
Chestnut-sided Warbler
Black-throated Blue Warbler
Rose-breasted Grosbeak

Ruffed Grouse
Veery
Whip-poor-will
Northern Flicker

Ovenbird
Eastern Wood-Pewee
Yellow-bellied Sapsucker
Wood Thrush

So What?

Forest bird group includes:

- Many priority species
- Successional gradient
- Different forest types

So What?

Context important:

- Surrounding landscape
- Land use / habitat representation
- Complementarity
- Feasibility of conservation options

Maine Forests

Status (2004)

Maine forest land: 17,699,000 acres

Percent of NE region: 21%
(12 states)

Maine Forests

Status (2004)

	<u>NE Region</u>	<u>Maine</u>
Public land:	21%	5.5%
Federal lands:	5%	0.7%

Maine Forests

Status (2004)

From 1980-2005, >20 M acres of forestland sold in BCR14

Shift from industry to financial investors

Trend: more owners, smaller parcels

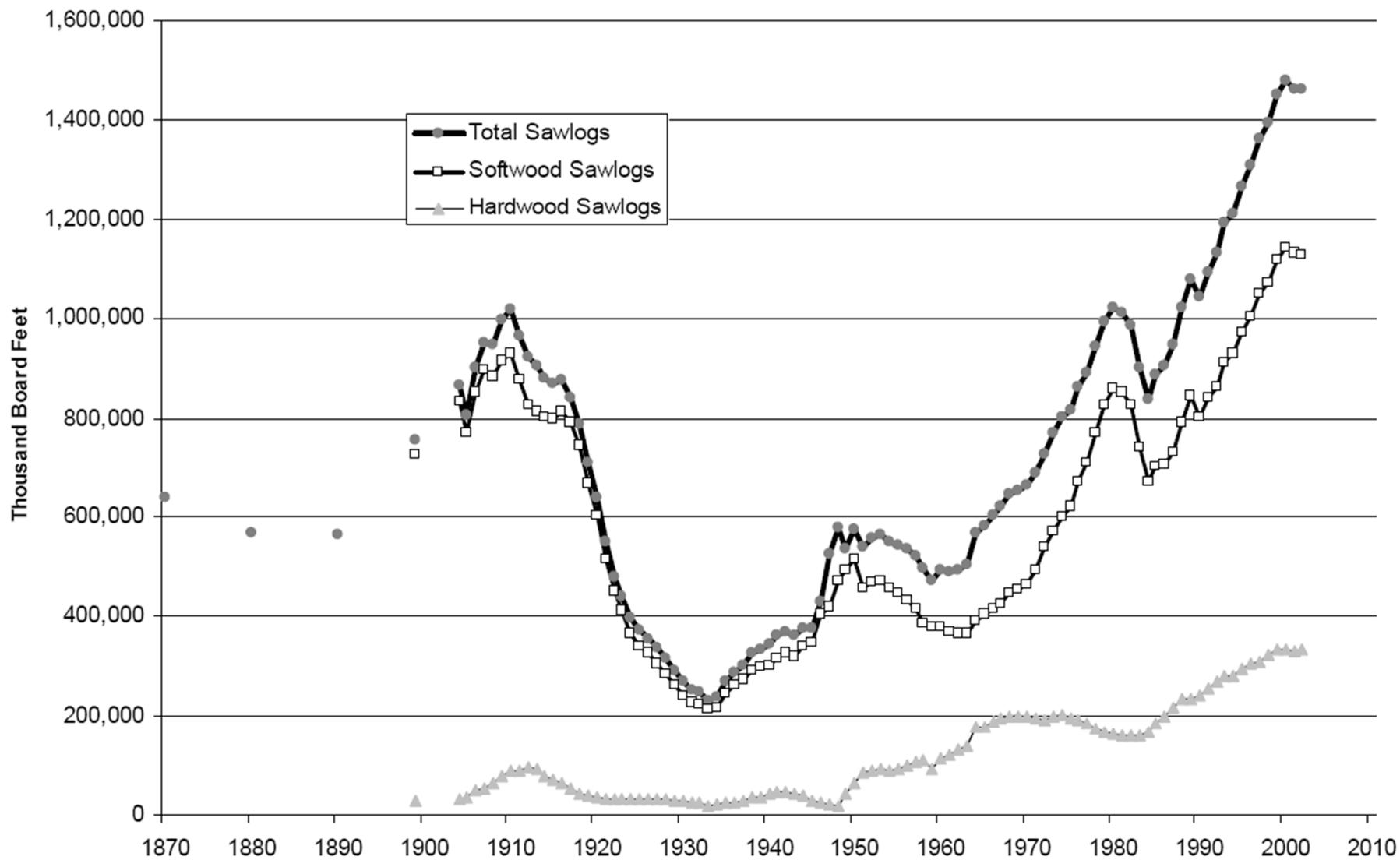
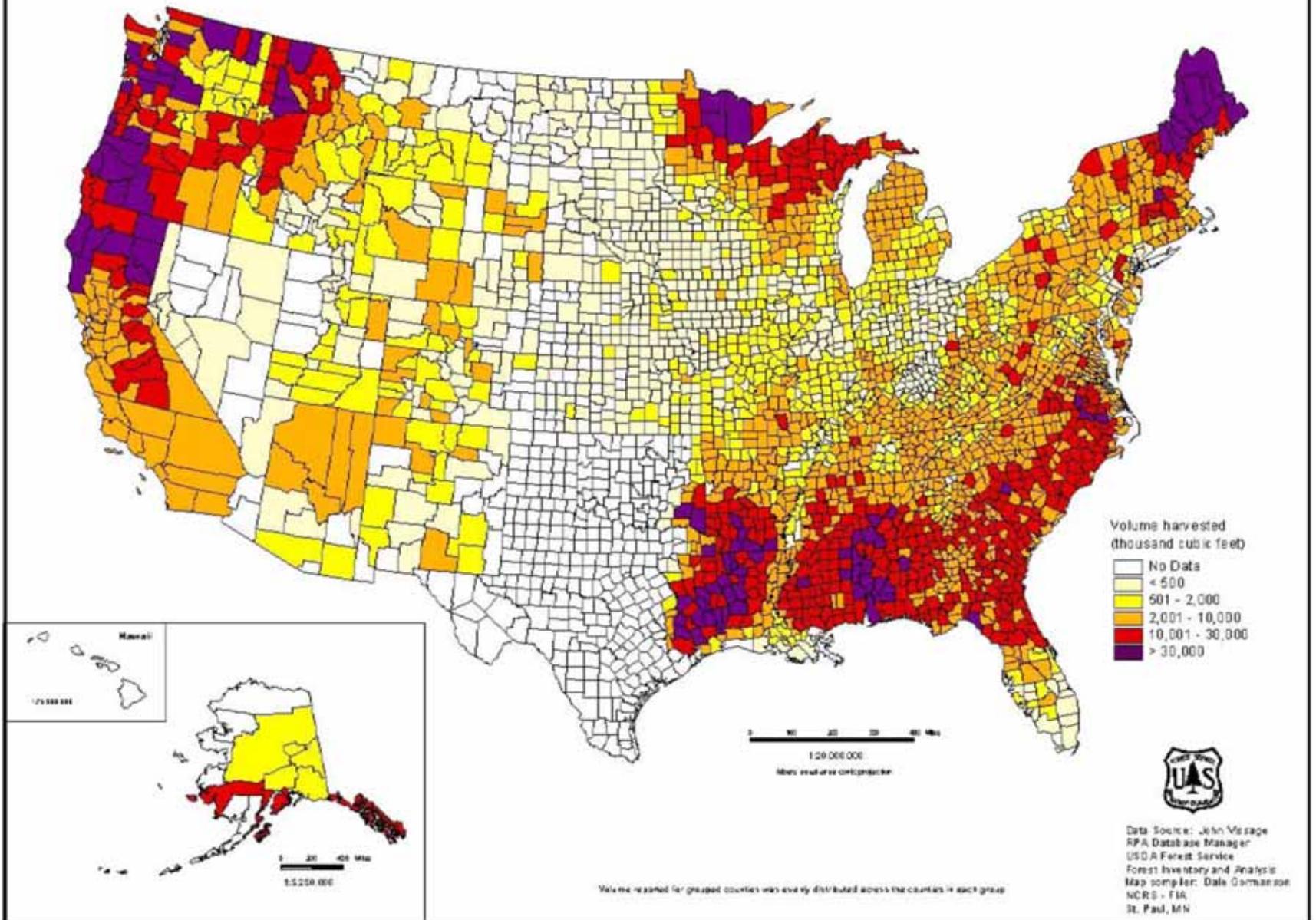
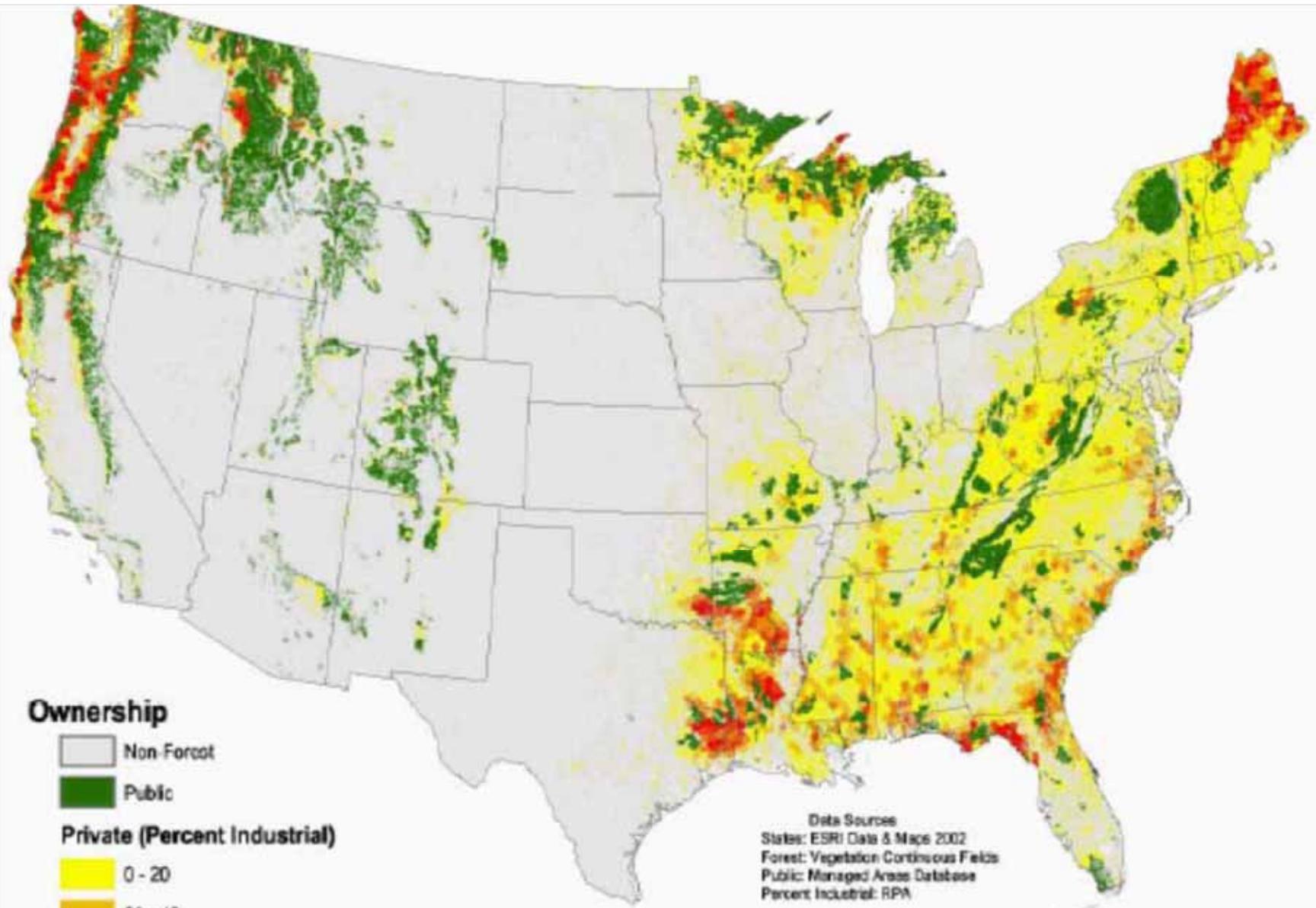


Figure 90.—Reported sawlog harvest volumes (Mbf), by major species group, for Maine (1870 - 2002), displayed as a trailing 5 year average, 2003.

Volume of Roundwood Harvested in the United States by County, 1996





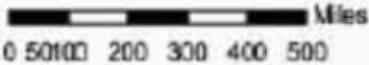
Ownership

- Non-Forest
- Public

Private (Percent Industrial)

- 0 - 20
- 20 - 40
- 40 - 60
- 60 - 80
- 80 - 100

Data Sources
States: ESRI Data & Maps 2002
Forest: Vegetation Continuous Fields
Public: Managed Areas Database
Percent Industrial: RPA



Map Produced by:
Forest Inventory and Analysis
North Central Research Station
USDA Forest Service

Implications

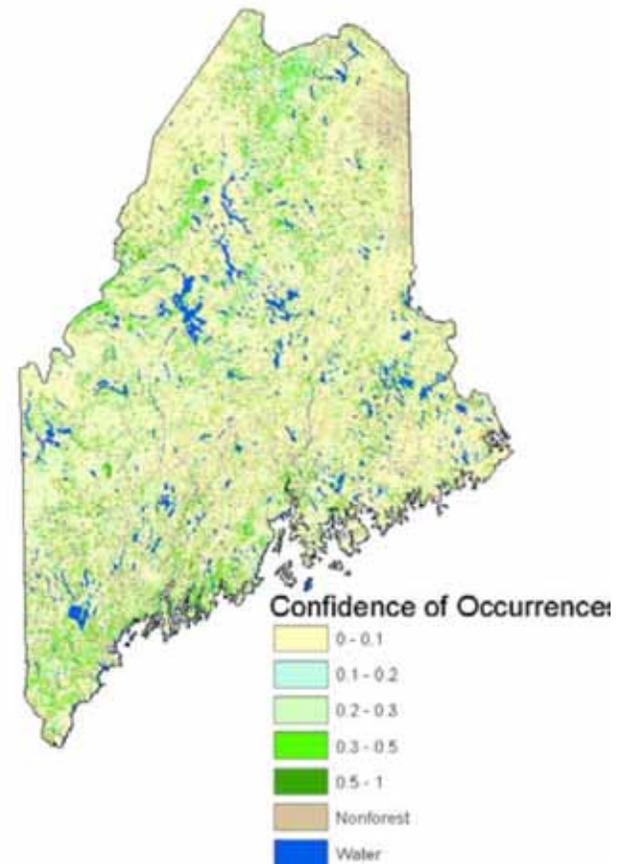
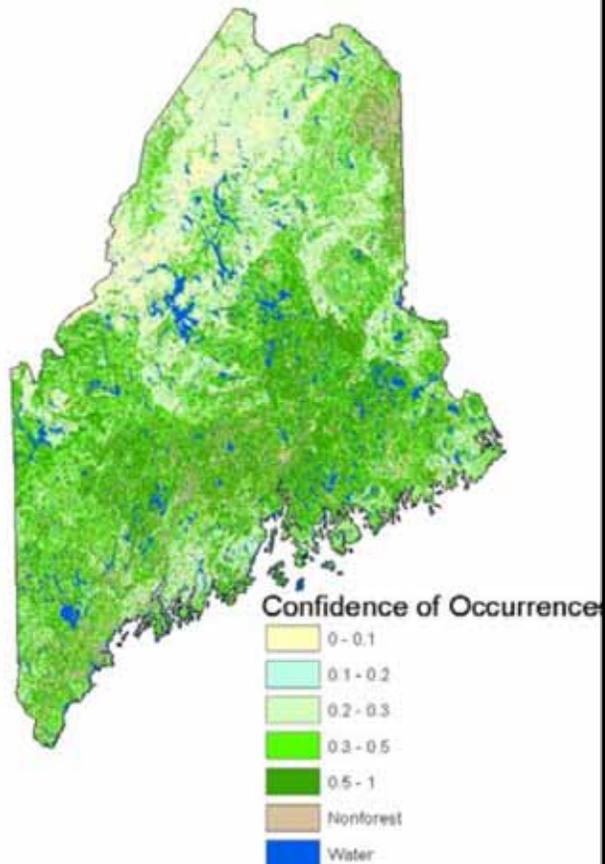
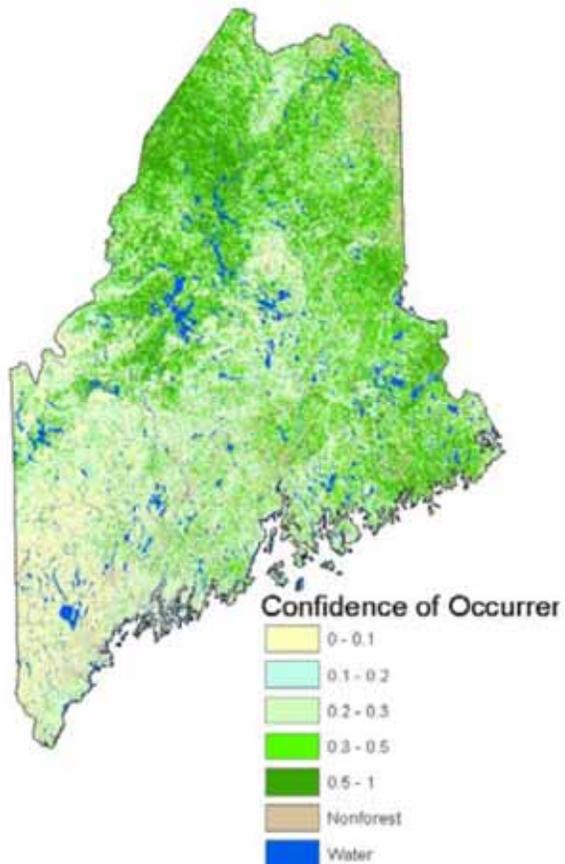
High timber harvest rates in Maine

+

Small proportion in public ownership

=

Limited opportunities to maintain late-successional stand conditions



Sapling

Poletimber

Lg. Sawtimber

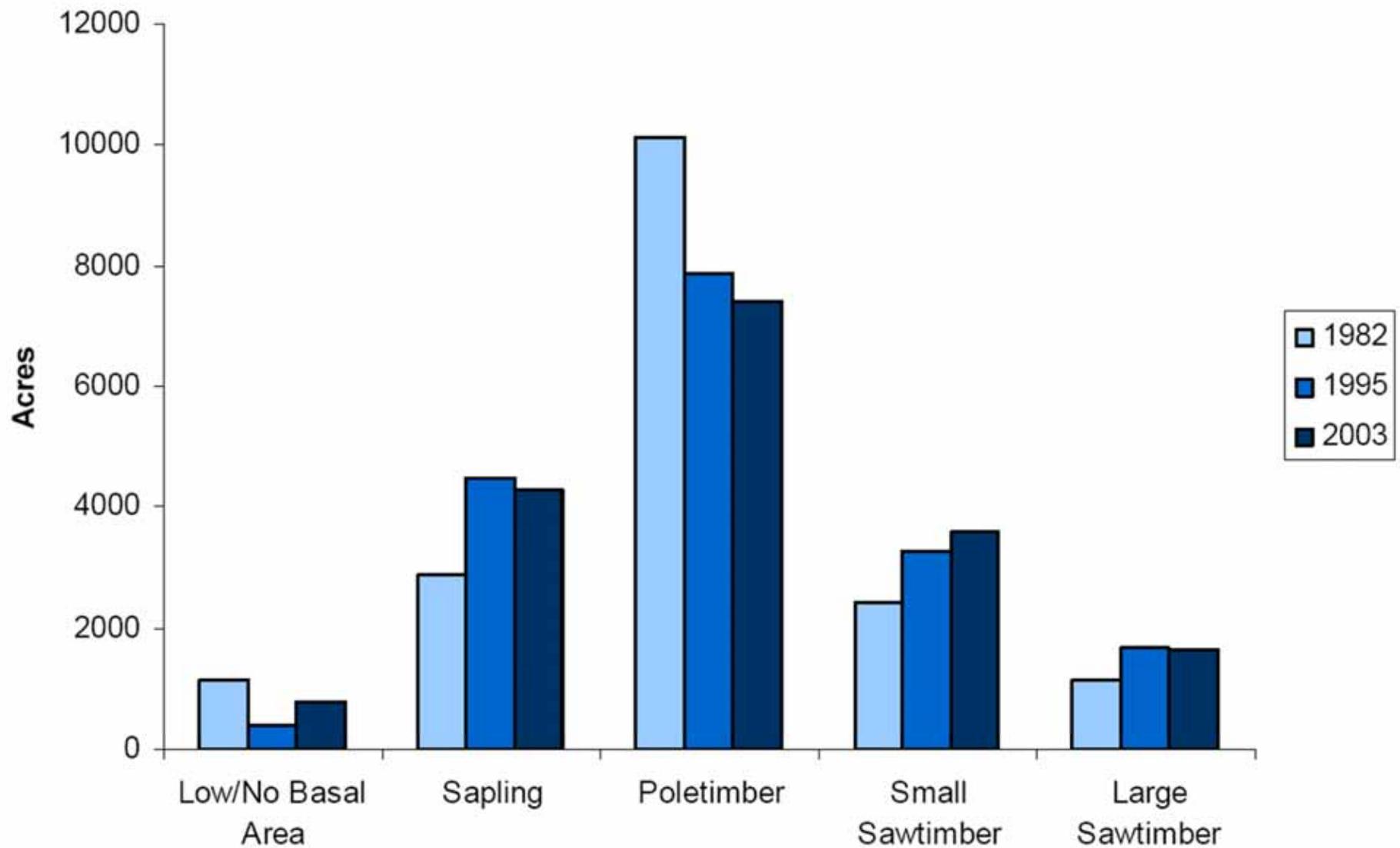


Figure 32.—Area of forest land by stand-diameter class and inventory date, Maine, 1982, 1995, 2003.

Maine Forests

Status (2003)

Maine's underlying forest habitat:
38% Hardwood / 62% Softwood

Currently:

59% Hardwood / 41% Softwood

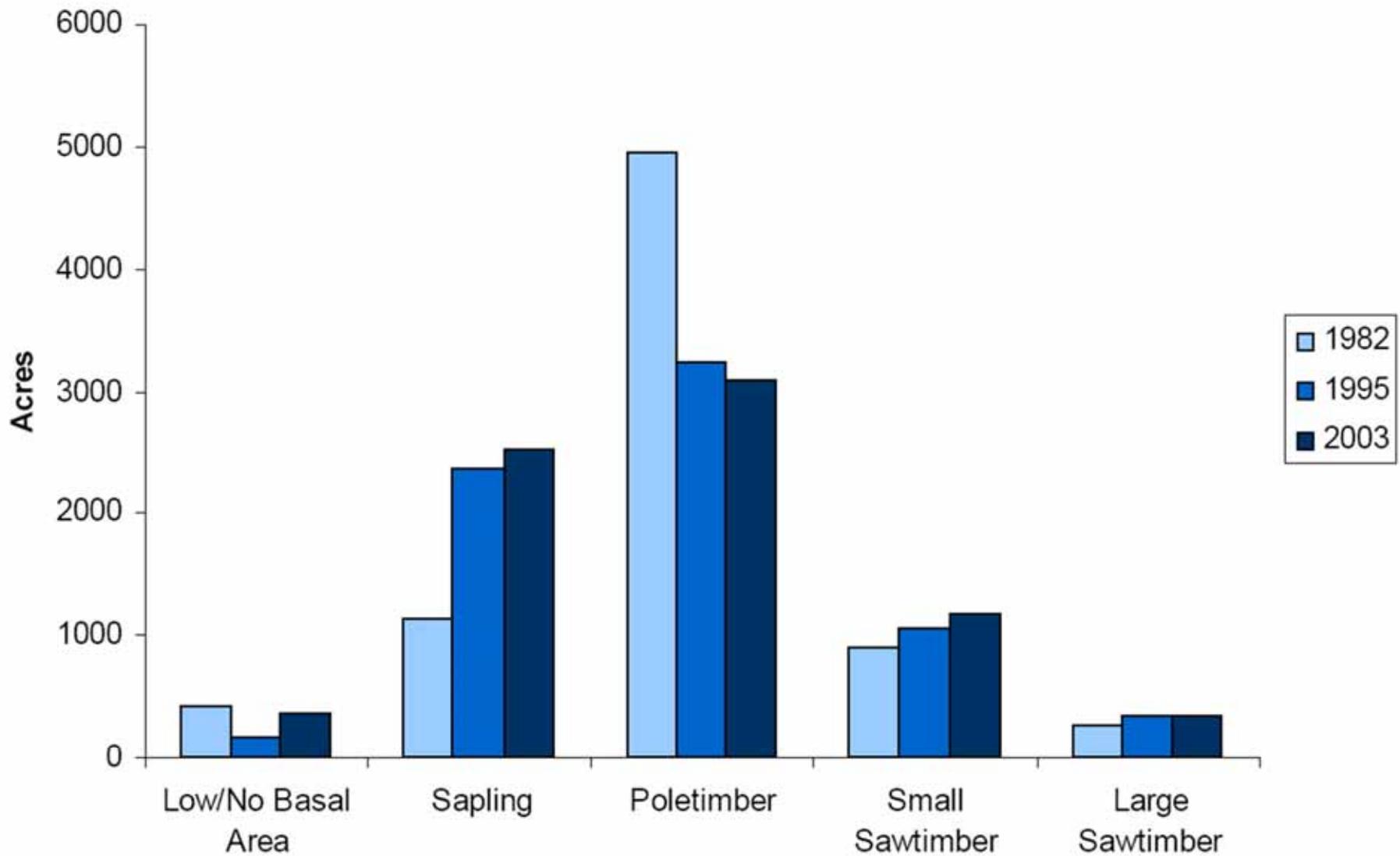


Figure 33.—Area of spruce/fir forest land by stand-diameter class and inventory date, Maine, 1982, 1995, 2003.

Maine Forests

Status (2003)

Thousand acres

Maine	5,829.9
Minnesota	3,777.3
Michigan	2,684.9
Wisconsin	1,300.9

Maine leads the Nation in spruce/fir forest land

Implications

Maine important for spruce-fir

Less acreage & stocking of spruce-fir

Many priority bird species use late-successional spruce-fir

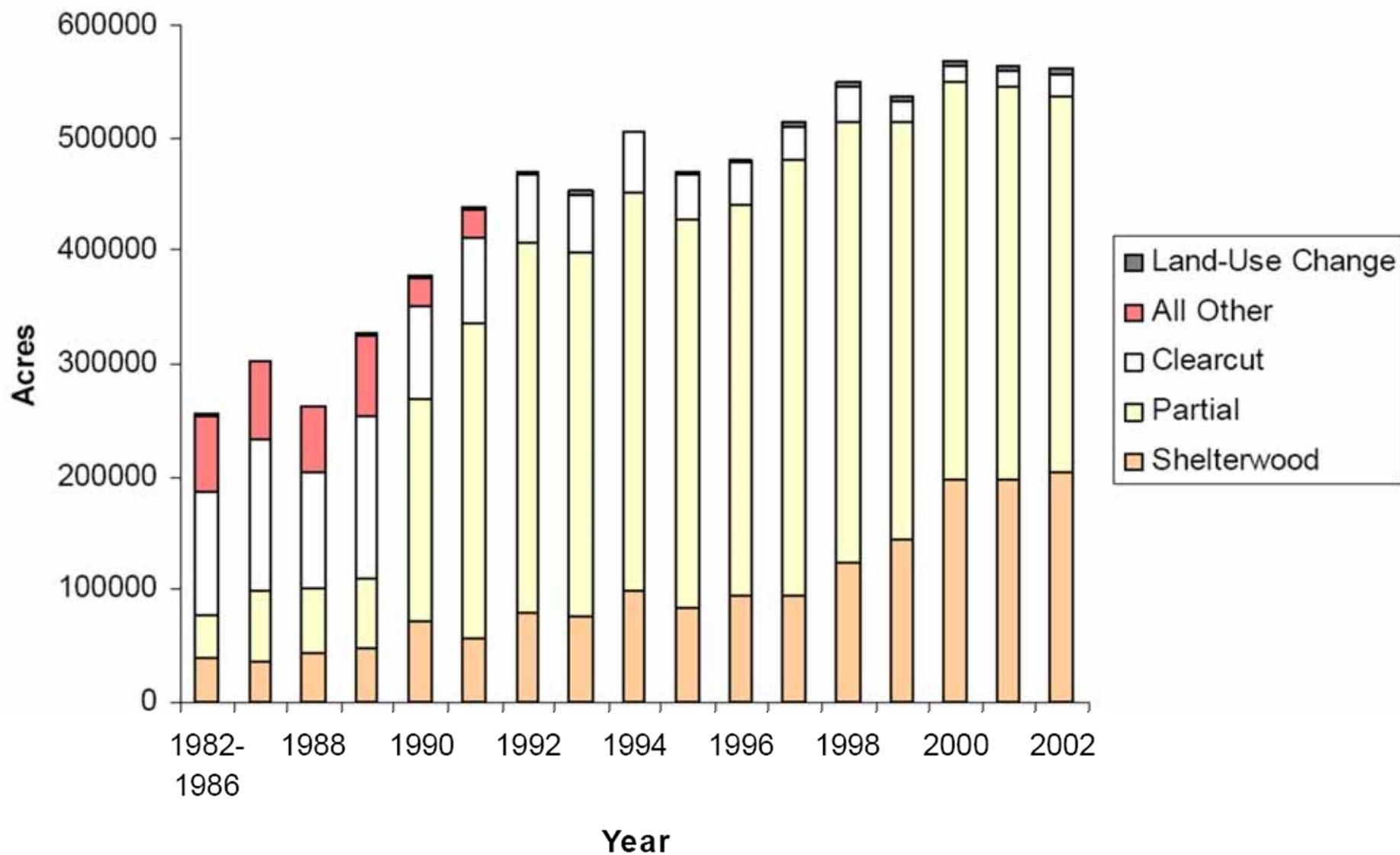


Figure 39.—Silvicultural trends, acres harvested by harvest type, Maine, 2003 (MFS 1986-2003).

Implications

Mean annual harvest:

1982-1989: 286,600

1990-1994: 449,200

1995-2003: 531,000 acres/yr

Shift from clearcutting to partial cutting but
continued high harvest levels

Conclusions

Concerns for priority migratory birds:

- Late-successional forests
- Especially spruce-fir stands

Limited potential for private land
contribution = increased burden on
conservation lands to address needs