

SILVICULTURE SLIDES - Kenneth A. Armson R.P.F.

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
Can.BC	Douglas fir		Fire origin D.fir 350yrs, Dbh 140cm.,Ht.61m.	07/15/63	1
USA.OR	Ponderosa pine	Regeneration-natural	Natural regen. of pine in Ceanothus bushes, SE Oregon Weyerhaeuser Tree Farm. N.B. Ceanothus fixes Nitrogen	09/15/63	2
Can.BC	Ponderosa pine		Open grown ponderosa pine with sage brush, nr. Vernon, Okanogan valley	09/15/63	3
USA.WA	Spruce-fir, alpine		Alpine meadow on Mt.Rainier	08/15/63	4
USA.OR	Douglas fir		General view of fire origin forest of D.fir, Site Index 170(ft.)	08/15/63	5
USA.OR	Douglas fir		Fire origin D. fir, 95 yrs.old, Dbh76cm;Site Index 150(ft.). Located in Alsea area	08/15/63	6
EUR.UK	Beech		Beechwoods in Chilterns, on shallow over limestone	07/15/54	7
USA.WA	Spruce-Fir, alpine		Alpine meadow in spruce -fir forest, Paradise, Mt.Rainier	08/15/63	8
USA.WA	Spruce-fir, alpine		Alpine meadow flowers- Castilleja, lupins & daisies	08/15/63	9
USA.WA	Spruce-fir, alpine		Alpine meadow flowers- Castilleja, lupins, daisies. Paradise Mt.Rainier	08/15/63	10
CAN.BC	Spruce, engelmann		Engelmann spruce in Manning Provincial Park. Ht. 45m.	08/15/63	11
USA.OR	Ponderosa pine		Ponderosa pine at Weyerhaeuser's Antelope tree farm in SE. Oregon N.B. pine regeneration in openings following past harvesting	09/15/63	12
USA.OR	Ponderosa and lodgepole pine		Mixed ponderosa and lodgepole pine, @ 200yrs, after fire. N.B. regen.in opening. Antelope Tree Farm of Weyerhaeuser SE. Oregon	09/15/63	13
CAN.NS	Maple and red spruce		Dense lower story of natural red spruce under hard maple and yellow birch. Bowaters Mersey, Nova Scotia. Are had been heavily cut 20+yr before	10/15/63	14
USA.OR	Ponderosa pine		Ponderosa pine with dense groundcover of Manzanita and Arctostaphylos parryana. SE Oregon	09/15/63	15
CAN.NS	Maple, red spruce		natural regeneration of red spruce under mature tree in mixed stand of hard maple, birch and red spruce	10/15/63	16
CAN.NS	Red spruce, hemlock & hardwoods		Natural regeneration of red spruce and hemlock in mixed stand. N.B. person in blue shirt is Dr. I.C.M.(Cam) Place	10/15/63	17
CAN.BC	Ponderosa pine		Ponderosa pine in open area, logged and with bark beetle damage. N.B.no regeneration. Nr Princeton	09/15/63	18
CAN.ON	White pine		Landscape view across Petawawa Management Unit, now part of AFA's area in Algonquin park, to show pine forest. N.B. dead tree killed by blister rust	07/15/52	19
CAN.BC	Douglas fir, hemlock, cedar		Over mature stand 350+years being harvested at UBC Forest, Haney	08/15/63	20
CAN.ON	White birch, balsam fir	Windthrow	Birch and balsam established on white pine windthrow resulting from fire. Nr. Dorset	05/15/61	21
USA.WA	red alder		Red alder, 20yrs.old after harvesting of conifers on lower slope. Pack Forest of U of Wash.	09/15/63	22
USA.OR	Douglas fir	Windthrow	95 yr.old Douglas fir windthrown. N.B. man in hole left when tree fell	09/15/63	23
USA.OR	Douglas fir	Clearcut	Large clearcut, Alsea OR. 2yr after. N.B. Lack of slash because it has been burned	09/15/63	24
USA.OR	Douglas fir	Clearcut and plant	Douglas fir clearcut and slash burned 1961. Planted with Doug.fir 1962, photo 1963	09/15/63	25
CAN.BC	Douglas fir	Clearcut and plant	Douglas fir clearcut and slash burned 1956, planted 1958; two manual cleanings. UBC Forest Haney	08/15/63	26
CAN.BC	Douglas fir	Planted regeneration	Douglas fir 2 yrs. after planting on clearcut and slash burned site. UBC Forest Haney	08/15/63	27
USA.OR	Douglas fir		Douglas fir Site Index 110 (ft). Alsea OR. Bohannon soil series.N.B.clearcut and slash burn in foreground of same stand	09/15/63	28
CAN.BC	Douglas fir	Natural regeneration	30yr.old Douglas fir, natura regen. after fire. UBC Forest Haney	08/15/63	29
CAN.BC	Douglas fir, cedar, hemlock		Over mature 300+yr Douglas fir, western red cedar & hemlock. UBC Forest, Haney	08/15/63	30
CAN.AB	Lodgepole pine	Clearcut	One yr. old cutover in 120+ yrs. lodgepole pine. Hinton Alberta.N.B.rain cloud in distance, and slash	09/15/63	31
CAN.AB	Lodgepole pine	clearcuts	Block clearcuts in 150+ lodgepole pine. 2yr old cutover in foreground. N.B. slash and fireweed	09/15/63	32
USA.OR	Douglas fir	clearcut	Clearcut in Douglas fir, Site Index 150. Alsea, 80-150 ins. pptn/yr N.B. roadside	09/15/63	33
CAN.AB	Lodgepole pine	Scarification	Cutover scarified with anchor chains(40#link)and boom. Hinton, NorthWest Power & Paper(now Weldwood)	08/15/63	34
CAN.AB	Lodgepole pine	Scarification	View of boom and anchor chains(40#link) used to scarify cutover for naturalpine regeneration. Hinton, North West Power & Paper (now Weldwood)	08/15/63	35
CAN.AB	Lodgepole pine	clearcuts	Block clearcuts in lodgepole pine. At Hinton North West Power and Pulp(now Weldwood). N.B. cutover in foreground	08/15/63	36
CAN.ON	White pine	Shelterwood	Shelterwood in PNs(some PNre PNb), one season after cut. Forbes Crk.in Petawawa Management Unit(now in AFA, Algonquin Pk)	08/15/52	37
CAN.ON	White pine	Shelterwood	Shelterwood, eight yrs after cut in 1951. N.B. dense hazel shrubs there are pine seedlings underneath. cf. #36	08/15/59	38
CAN.ON	Jack pine	clearcut strips	Strip clearcutting in jackpine at Raith (Abitibi Paper Co.) N.B. the way in which the four ft. wood is stacked for scaling. The regen. was not successful	06/15/53	39
CA.BC	Douglas fir	clearcut	Recent clearcut in Douglas fir at UBC Forest, Haney. N.B. shallow soil over bedrock	08/15/63	40
USA.WA	Douglas fir	Clearcut	Clear cut in Douglas fir, Weyerhaeuser Tree Farm Snowqualmie	08/15/63	41
CAN.ON	Boreal spruce/poplar	clearcut strip cutting	Cutover in upland mixed wood, temporary road to be planted with black spruce. Kapuskasing, Spruce Falls Power & Paper Co.	08/15/61	42
CAN.AB	Lodgepole pine	regeneration, natural	Natural lodgepole pine regeneration 5 yrs after cut and scarification with anchor chains and boom. Hinton, North West Power & Pulp(now Weldwood)	08/15/63	43
CAN.AB	Lodgepole pine	Clearcut, strip	Recent clearcut strip(100ch.e 660 ft.or 200m) lodgepole pine. Hinton, North West Power & Pulp(now Weldwood)	08/15/63	44
CAN.ON	Boreal	Homesteading	Abandoned homestead, on black spruce/poplar. Leitch TWP. nr.CochraneN.B. person is R.D.Carman examining an "artifact"	08/15/61	45
USA.WA	Douglas fir	Clearcut	Clearcut in Weyerhaeuser tree farm, Snowqualmie, Washington	08/15/63	46
CAN.ON	Poplar-spruce-balsam	Planting	Early attempts to plant old farm land now in "brush species" with red pine. Small tractor used to bare mineral soil. Larose Forest nr.Ottawa	07/15/64	47
CAN.ON	Maple, hard		Hard maple stand at Swan lake, Algonquin Pk.	04/15/52	48
CAN.ON	Jack pine		Open grown jack pine on very shallow bedrock, fire origin. Nr Britt Georgian Bay	06/15/52	49
CAN.ON		Fertilizing	Fertilizer spreader made at Larose Forest to apply nitrogen to N- deficient planted white spruce.	05/15/55	50
CAN.AB	Lodgepole pine	Thinning	Manual thinning in very dense lodgepole pine, regenerated naturally after a fire. Hinton, Northwest Power & Pulp (now Weldwood)	08/15/63	51
CAN.BC	Douglas fir	Blowdown	Salvage of Douglas fir blown down, Nov, 1962. harvesting in 1963. UBC Forest, Haney	08/15/63	52
CAN.ON	White pine	Fire	Spring wildfire in open natural white pine. St.Williams. N.B. the mineral soil exposed. The forest floor in these s. Ontario forests is minimal, due to rapid decomposition	04/15/59	53
CAN.ON		Fire	Hot spot around whitepine stump. St Williams. cf #53	04/15/59	54
CAN.ON	Maple, hard;Birch, yellow	Prescribed fire	Use of prescribed fire in Great Lakes-St Lawrence region to remove LF layer and prepare seedbed for yellow birch. Nr.Tweed. Photo by George Sinclair	06/15/64	55
CAN.ON	Maple, hard;birch, yellow	Prescribed fire	Same stand as #55, but with one fall fire to remove LF layer. Nr. Tweed. Photo by George Sinclair	06/15/64	56
CAN.ON	Maple, hard; birch, yellow	Prescribed fire	Same stand as #55. This plot that has beenburnt over four consecutive falls. Cf.#56 with only one burn. Purpose to remove most of LFfor yellow birch seedbed	06/15/64	57

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON	White pine	Prescribed fire	Prescribed fire in white pine-mixed hardwoods to prepare seedbed for both pine and yellow birch. Nr. Dorset	04/15/59	58
CAN.ON	White pine	Prescribed fire	Fire line prepared in advance of setting prescribed fire. Nr. Dorset	04/15/59	59
CAN.ON	White pine	Prescribed fire	Setting the fire with torch. Nr. Dorset, Cf #58 & 59.	04/15/59	60
CAN.ON	White pine	Prescribed fire	Burn in progress. Purpose to reduce LF and prepare seedbed for both white pine and any yellow birch. Fire was set in April and soil was too wet. Result was not satisfactory. Nr. Dorset. Cf. #58 & 59	04/15/59	61

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.AB		Planting, container	First type of container "bullets" used for planting lodgepole pine seedlings at North West Power and Pulp, Hinton	09/15/63	62
CAN.ON		Planting, bare root	Planting shovel, canvas bucket, and bare root seedlings(2+2) used by planters(cutters) at Spruce Falls Power and Paper, Kapuskasing	08/15/61	63
CAN.ON	Black spruce	Planting	PLanted tree (2+2) from Moonbeam nursery. On skid road in upland spruce cutover. Spruce Falls Power and Paper, Kapuskasing	08/15/61	64
CAN.ON	Black spruce	Plantation	Black spruce 7 yrs from planting(cf. #64). Gurney Road, Spruce Falls Power & Paper, Kapuskasing. Person is R.(Bob)D.Carman	08/15/60	65
CAN.ON	Black spruce	Planting	7 yr old plantation of black spruce, Gurney road, Spruce Falls Power& Paper, Kapuskasing.	08/15/60	66
CAN.ON		Planting	Planting of 2+2 white spruce on poorly drained old fields. Trees areplanted in upturned furrow slice for better drainage. Larose Forest nr. Ottawa. Person is Leo Mullen	05/15/57	67
CAN.ON	White spruce	Plantation	Whit spruce plantation at 7yrs on old field. Humber Forest, nr. Palgrave	12/15/63	68
EUR.UK	Corsican pine	Plantation	Corsican pine plantation nr. Bramshill. N.B. sweep to stems, this isa genetic pattern	08/15/54	69
EUR.UK	Hardwoods	Seeding	Seeding of hardwoods,after 5 yrs. Earl of Bathurst estate, Gloucester, England	08/15/54	70
EUR.UK	Larch	Plantation	Planted larch(Japanese?) at Earl of Bathurst estate, Gloucester. N.B growth of larch cf hardwood competition, but there has been some manual cleaning	08/15/54	71
CAN.BC	Douglas fir	Plantation	Douglas fir planted 1957as 2+0 seedlings on clearcut & slash burned area at 7yrs. UBC Forest Haney	08/15/63	72
CAN.BC	Douglas fir	Plantation	Planted Douglas fir after 5 seasons on 1956 clearcut, slash burned and planted 1958.Treated with herbicides (24D/245T) twice. UBC Forest, Haney	08/15/63	73
CAN.ON		Planting	Norway spruce (2+2) slit planting in cleared area field, nr Dorset.	04/15/60	74
CAN.ON		Plantation	Nitrogen deficient white spruce furrow planted in old field. Nr. Parry Sound	04/15/60	75
CAN.ON		Planting	Nitrogen deficient Norway spruce one tear after planting(cf.#74). NrDorset	04/15/60	76
CAN.ON	White spruce	Regeneration, natural	Natural regeneration of white spruce in an old field. Chapman ValleyParry Sound. N.B. chlorosis due to nitrogen deficiency	05/15/59	77
CAN.BC		Harvesting	Madill mobile spar in clearcutting at UBC Forest, Haney	08/15/63	78
CAN.ON	White spruce	Plantation	Frost pocket in white spruce plantation, Humber Forest nr. Palgrave Pocket area was planted same as surround	12/15/63	79
CAN.ON	Black spruce	Access	Clearing for a secondary road in black spruce on peat. Leitch Twp. nr. Cochrane	06/15/60	80
CAN.ON	Red pine	Plantation, disease	Red pine killed by Armillaria mellea(Shoe string root rot). Trees about 10 yrs old after planting on hardwood cutover(red oak & hard maple). Nr. Dorset. Person is Erik Jorgensen	04/15/60	81
CAN.JN	White pine	Disease, blister rust	Blister rust in large white pine. Tree seed plant Angus	08/15/56	82
CAN.ON	White pine	Disease, blister rust	Fruiting bodies of Cronartium ribicola(blister rust) on 8 yr white pine. N.B. aecial stage-yellow spores. Nr. Dorset	05/15/59	83
CAN.ON	Red pine	Plantation, disease	So-called "Jones disease". Actually Scleroderis canker, known in Europe as Brunchorstia. Typically on hard pines where site is extreme. Kirkwood Forest.First identified by Erik Jorgensen	07/15/62	84
CAN.BC	Hemlock, western	Disease	Mistletoe(Arceuthobium spp.) UBC Forest, Haney	08/15/63	85
CAN.ON	White spruce	Fertilization	White spruce(control) one season after treatment of Nitrogen as ammonium sulphate @ 300lbs/ac. Larose Forest, nr. Ottawa. person is Leo Mullen	08/15/56	86
CAN.ON	White spruce	Fertilization	White spruce fertilized with 300 lbs/ac of ammonium sulphate in May, 1955,Photo., August 1956. N.B. plentiful green foliage. cf.#86 Person is Leo Mullen	08/15/56	87
CAN.ON	Conifers,mixed	Herbicide application	Mixed conifers with hardwoods treated aerially with 24D/245T. LaroseForest, nr. Ottawa. Treatment August, 1956, photo June 1957.	06/15/57	88
CAN.ON	Norway spruce	Land use history	Norway spruce planted 1945 on old field. Tall trees in background on site of cowshed demolished 39 previously. Details in Armson K.A. Tech.Report #1, Fac. Of For. UofT, 1959	07/15/57	89
CAN.ON	Red pine	Plantation, winter injury	Winter injury to red pine at Kettle Lakes Pak. nr Timmins. N.B. jackpine uninjured in background	06/15/60	90
CAN.ON	Jack pine	Winter injury, late	Needle mortality due to high temp. in late March - reflection of sunby surface ice/snow crust on needles followed by night freezing tempBenoit Twp. nr kirkland Lake	06/15/60	91
CAN.ON	Jack pine	Winter injury, late	Jack pine showing mid zone of foliage mortality, lower foliage was below snow, and upper was in cold air; middle foliage was subject toheating from reflection off snowlice surface. Person R.D.Carr	06/15/60	92
CAN.ON		Fire scar	White pine(87 yrs) showing two fire scars. Sand lake nr. Dorset	05/15/62	93
CAN.ON		Reclamatio	Black locust from root sucker of larger tree in background at Sand Banks. N.B. "Bonzaï" Scots Pine and exposed roots on surface	06/15/57	94
CAN.ON		Reclamation	Scots pine 15 yrs. on blow sand Sand Banks, Prince Edward Co.	06/15/57	95
CAN.ON		Reclamation	Scots pine 25yrs on blow sand at Sand Banks, Prince Edward Co. N.B. exposed roots - a "bonzaï" pine	06/15/57	96
CAN.ON		Reclamation	Scots pine 15 yrs. on blow sand, in open(foreground) under Carolina poplar in background. Sand Banks, Prince Edward Co.	06/15/57	97
CAN.ON	Red pine	Plantation debudding	Start of removal of lateral buds on red pine to produce "knot free" lower log after several years of continued debudding. nr. Dorset	05/15/54	98
CAN.ON	red pine	Plantation debudding	Debudded red pine to produce knot free lower log after several yearsof debudding. Nr. Dorset	06/15/54	99
CAN.ON	Red pine	Plantation, nutrient deficiency	Red pine on abandoned farm land, deep medium sand. Foliage symptoms of potasium deficiency (chlorosis>necrosis). Hughes plantation, Huntsville	08/15/57	100
CAN.ON	Red pine	Plantation, nutrient deficiency	Foliage symptoms of potassium deficiency (Chlorosis>necrosis),Hughesplantation, Huntsville	06/15/57	101
CAN.ON	Red pine	Plantation, nutrient deficiency	Ground cover at plantation, N.B. sparse vegetation and species. Hughes plantation nr. Huntsville	06/15/57	102
CAN.ON	Red pine	Plantation, fertilization	Control untreated, in potassium trial, Hughes plantation, nr. Huntsville. Application in May, 1957.Person is K.H.Reese	06/15/60	103
CAN.ON	Red pine	Plantation fertilization	Red pine fertilized at rate of 150 lb/ac potassium as KCl in 1957. Photo in June 1960. Person is K.H.Reese	06/15/60	104
CAN.ON	Jack pine	Clearcutting	Tree length skidding at Camp #11, Dryden Paper Co.	06/15/65	105
CAN.ON	Jack pine	Clearcutting	Tree length skidding at Camp #11, Dryden paper Co.	06/15/65	106
CAN.ON	Jack Pine	Clearcutting	Tree length skidding at Camp #11, Dryden Paper Co. N.B. on left the large pile of slash	06/15/65	107
CAN.ON	White spruce	Plantation, frost pocket	White spruce approx. 4yrs after planting. N.B. lack of trees in the lower area - frost pocket. Thackeray Twp. Kirkland Lake	07/15/65	108
CAN.ON	Jack pine & hardwoods	Site preparation	Results of use of anchor chain scarification. N.B. heavy slash not affected. Engelhart Management Unit, Holmes Twp	07/15/65	109
CAN.ON	Jack pine, hardwoods	Site preparation	Results of use of anchor chains in jack pine/birch/poplar stand. N.B. the lack of any surface disturbance. Holmes Twp. Engelhart Man.Unit,	07/15/65	110
CAN.ON	Balsam fir, white birch		Untreated old cutover(20-30yrs), on clay loam. Marks Twp. Thunder Bay	06/15/65	111
CAN.ON	White spruce	Plantation	Same area as #110. site prepared with root rake and planted with 2+2white spruce. Marks Twp. Thunder Bay	06/15/65	112
CAN.ON	Black spruce	Plantation	Black spruce on old cutover, planted 1959, photo 1965. Imperfectly drained soil. McAree Twp. Person is Robert Fessenden	06/15/65	113
CAN.ON	Red pine	Plantation	Red pine planted on sand plain in 1959 on old jack pine cutover. N.Bgrowth of poplar and balsam fir. Stand cleaned 1964. N.B. winter damage to red pine. Echo Twp. Sioux Lookout	06/15/65	114
CAN.ON		Planting	Bush tree planter used in Swastika on brush lands(old fields)	07/15/65	115
CAN.ON		Planting	Bush treeplanter in brush on old field. Swastika District	07/15/65	116
CAN.ON		Planting	Bush tree planter showing operator planting bare root stock in slit made by machine. Swastika	07/15/65	117
CAN.ON		Planting	Bush tree planting in brush covered old fields. Swastika	07/15/65	118
CAN.ON	Jack pine	Seeding, aerial	Bum aerially seeded in 1964 on boulder pavement with teluric water Photo one year later. Suzanne Lake, Dryden	06/15/65	119

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON	Jack Pine	Seeding, aerial	Two year seedling at Suzanne Lake Dryden	06/15/65	120
CAN.ON	Jack pine	Regeneration	Jack pine cutover treated with anchor chains 1963. 2 year + jack pine seedlings resulting from treatment. Hyndman Twp. Dryden Paper	07/15/65	121
CAN.NB	White pine, red spruce		White pine(200yrs+) with mature understory of red spruce(100yr). WP is a result of fire, spruce seeded in as pine stand opened up. Black Brook, J.D. Irving	08/15/65	122
CAN.NB	White pine, red spruce		White pine (200+yrs)established after fire, with red spruce (100yrs)which seeded in after opening in pine. Black Brook, J.D.Irving	08/15/65	123
CAN.NB		Site preparation, crusher	Letourneau crusher at Black Brook, J.D.Irving. Operating on hardwoodand softwood cutovers.	08/15/65	124
CAN.NB	Maple, hard	Site preparation, crusher	Letourneau crusher in hard wood cutover. N.B. heavy residual stand, Black Brook, J.D.Irving	08/15/65	125
CAN.NB		Site preparation, crushing	Letourneau crusher, view from rear showing stand it is crushing. Black Brook, J.D.Irving	08/15/65	126
CAN.NB		Site preparation, crushing	Letourneau crusher showing nature of surface after crusher has passed, very little disturbance. Black Brook, J.D.Irving	08/15/65	127
CAN.NB		Site preparation, crushing	Letourneau crusher, showing surface cover after crusher has passed, and type of stnd being crushed. Black Brook, J.D.Irving	08/15/65	128
CAN.NB		Site preparation, crusher	View of front of Letourneau crusher. Black Brook, J.D.Irving	08/15/65	129
CAN.NB	Maple, hard, Birch, yellow	Partial cutover	Aerial view of hard wood cutover that are going to be crushed, then planted with spruce. Black Brook, J.D.Irving	08/15/65	130
CAN.NB		Site preparation, aerial view	Aerial view of hardwood cutovers that have been crushed. N.B. road system and landings	08/15/65	131
CAN.NB		Site preparation	Aerial view of crushed cutover.Black Brook, J.D.Irving	08/15/65	132
CAN.NB	Maple, hard	Sie preparation, aerialview	Aerial view of crushed cutover. N.B. cutovers in background with roads. ignore reflection n left from window of plane. Black Brook, J.D.Irving	08/15/65	133
CAN.NB		Site preparation	Area crushed in 1964, for planting 1965. BlackBrook, J.D.Irving	08/15/65	134
CAN.NB		Site preparation, crushing	Ground view of recently crushed area. N.B. deliberately left yellow birch in mistaken notion that these will remain as seed source. Theysubsequently died, Black Brook, J.D.Irving	08/15/65	135
CAN.PQ	Black spruce	Slash burn	Slash burn area one year after clearcut black spruce. N.B. amount ofmaterial still left. CIP, Noranda	09/15/65	136
CAN.PQ	White pine(GL.Lks. St.Law.)		View of 150+yrs white pine south of Val d'Or about to be harvested, N.B. other species CIP Val d'Or	09/15/65	137
CAN.PQ	White pine	Harvesting	White pine stump in stand of slide #137. person is Dr. J.L.Farrar CIP, Val d'Or	09/15/65	138
CAN.PQ	White pine	Harvesting	White pine tree felled from stump shown in slide #138. CIP Val d'Or	09/15/65	139
CAN.PQ		Harvesting, skidding	Skidding large white pine logs. CIP, Val d'Or	09/15/65	140
CAN.PQ	Black spruce, birch/poplar, Boreal	Harvesting	Clearcut spruce to 8ft. being moved to roadside by Dowty forwarder. CIP Val d'Or	09/15/65	141
CAN.PQ	Black spruce, boreal	Harvesting	Dowty forwarder being loaded in bush. Load = 1.5 cords(2,407 cu. m.)CIP Val d'Or	09/15/65	142
CAN.PQ		Loading	Dowty forwarder loading truck. CIP Val d'Or	09/15/65	143
CAN.PQ	Black spruce boreal	Harvesting	Cutover one season after harvest N.B. poplar regrowth. Dowty forwar-der in background. CIP Val d'Or	09/15/65	144
CAN.PQ	Black spruce	Harvesting	Ground cover and disturbance after cutting and forwarding of wood. N.B. Virtually no disturbance. CIP Val d'Or	09/15/65	145
CAN.ON	White spruce	Frost damage	Newly killed shoots resting from sprinf frosts. Thunder Bay Seed Orchard	06/15/65	146
CAN.ON	White spruce	Frost damage	Bushy tree as a result of repeated forst damage to shoots from Spring frosts	06/15/65	147
CAN.ON	Jack pine	Planting	Jack pine 2+0 planted 1965 after site prep. with barrels. N.B. bare mineral soil & shallow furrow. Davidson Twp. Engelhart Management Unit	09/15/65	148
CAN.ON	Jack pine	Felling	Cutter using chain saw. Engelhart Management UNIT	09/15/65	149
CAN.PQ		Native camp	Aboriginal cutters camp, CIP, Val d'Or.	09/15/65	150
CAN.ON	Black spruce	Harvesting, loading	Loading tree length, HyHoe loader, GLP(now Avenor) Thunder Bay	09/15/65	151
CAN.ON	Black spruce, poplar/birch	Harvesting, skidding	Grapple skidder, GLP(now Avenor)	09/15/65	152
CAN.ON	Black spruce, poplar/birch	Harvesting, skidding	Skidder buncher, GLP(now Avenor) Thunder Bay	09/15/65	153
CAN.ON	Black spruce, poplar/birch	Site preparation, drums	Drums and anchor chains to prepare for planting. GLP (now Avenor), Thunder Bay	09/15/65	154
CAN.ON	White spruce	Planting	Hand planting white spruce 2+2 after site prep. by Marden chopper. Thunder Bay, Aldin Twp. Native planters	10/15/65	15
CAN.ON	White spruce	Planting	Planted white spruce 2+2, Aldin Twp, Thunder Bay. Cf.#155	10/15/65	156
CAN.NB	Black spruce	Planting	Black spruce 2+2, two weeks after planting, following site prep. by Letourneau crusher. N.B. size of stock and forest floor. Basely Brook, Black Brook, J.D.Irving	05/15/66	157
CAN.NB		Log yard, piling	Piling logs at yard. N.B. clean, level surface. Black Brook, J.D.Irving	05/15/66	158
CAN.NB		Scaling	Scaling timber after yarding tree length. Black Brook, J.D.Irving	05/15/66	159
CAN.NB		Log load	Load of logs, Black Brook, J.D.Irving. N.B. Skidder is one made by Irving copy of Timberjack	05/15/66	160
CAN.NB		Loading logs	Loading logs at yard after tree lengths have been cut. Black Brook, J.D.Irving	05/15/66	161
CAN.NB	White spruce	Nutrient deficiency, nitrogen	White spruce 2+2, 2nd season after planting in dense competition, showuig sytoms of N deficiency. Black Brook, J.D.Irving	05/15/66	162
CAN.NB		Site preparation	Dense Rubus spp.(raspberry) growth 2-3 seasons after hardwood had been crushed. N.B. planted but no trees visible. Black Brook, J.D. Irving	05/15/66	163
CAN.NB	Black spruce	Plantation	Crushed 1965, black spruce planted 1966. Photo June 1966. Black Brook J.D.Irving	05/15/66	164
CAN.NB	Black spruce	Planting	Black spruce 2+2 planted 1966, photo May, 1966. N.B. large size of stock. Black Brook, J.D.Irving. cf #164	05/15/66	165
CAN.NB	White spruce	Frost damage	Natural white spruce in same area as #164 & 165, showing frostdamage. Black Brook, J.D.Irving	05/15/66	166
CAN.NB	Black spruce	Planting	Black spruce 2+2 planted 1966 on area crushed 1965. N.B.effect of the crushing. Basely Brook, Black Brook, J.D.Irving	05/15/66	167
CAN.NB	Red spruce	Plantation	Red spruce planted 1957, Veneer hill, Black Brook, J.D.Irving. photoMay, 1966	05/15/66	168
CAN.NB		Site preparation, crushing	Crushing old hardwood cutover. Cf crushed vs non-crushed. Photo at time of crushing. Black Brook	10/15/66	169
CAN.NB		Site preparation	Forest floor after crushing. N.B. lack of disturbance. Black Brook, J.D.Irving	10/15/66	170
CAN.NB	White spruce	Planting, competition	White spruce 2+2, two yrs. after planting in dense competition(Rubus). Black Brook, J.D.Irving	10/15/66	171
CAN.NB	White spruce	Plantation	White spruce planted 1962, photo October 1966. Perkins Brook, Black Brook, J.D.Irving. Person is Pat Marceau(Irving forester)	10/15/66	172
CAN.NB	White spruce	Plantation	White spruce planted 1962, photo 1966. Perkins Brook, Black Brook, J.D.Irving	10/15/66	173
CAN.NB		Chipping	Nicholson & Gates "utilizer". Chipping in field. Miramichi, J.D. Irving	10/15/66	174
CAN.NB		Chipping	Nicholson & Gates chipper showing set up with chip van, "utilizer" and log pile. Miramichi, J.D.Irving. person is Niels Kreiberg, reforestation forester for Irving	10/15/67	175
CAN.NB		Chipping	Nicholson & Gates "utilizer" and chip van. Miramichi, J.D.Irving	10/15/67	176
CAN.NB		Chipping	Nicholson & Gates chipper. Miramichi, J.D.Irving	10/15/67	177
CAN.NB	Black spruce	Planting	Black spruce two yrs. after planting. Black Brook. J.D.Irving	10/15/67	178
CAN.NB		Harvesting	Roanoke shears. Miramichi, J.D.Irving	10/15/67	179

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.NB	White pine, red spruce	Clearcut	Recent clearcut in residual old white pine (200+) with red spruce (100) understory on bouldery loam. Miramichi, J.D.Irving	10/15/67	180

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.NB	White spruce	Nutrient deficiency, nitrogen	White spruce planted on site of yard, N.B. chlorosis. Gounamitz, Camp #12. Black Brook J.D.Irving. N.B. red cherry killed by herbicide	09/15/68	181
CAN.NB	White spruce	Herbicide	Area crushed 1966, planted with spruce 2+2, 1967, aerially herbicide July 1968, photo Sept. 1968. Gounamitz, Camp #12. Black Brook. J.D. Irving	09/15/68	182
CAN.NB	White spruce	Herbicide	Area crushed 1966, planted 1967, herbicided with 245T, 1968. Photo Sept. 1968. N.B. most of kill is of red cherry. Gounamitz Camp #12, J.D.Irving	09/15/68	183
CAN.NB	White spruce	Herbicide	Area crushed 1966, planted 1967, herbicided with 245T, 1968. Photo Sept. 1968. N.B. middle background of area that was missed & is green	09/15/68	184
CAN.NB	White spruce	Herbicide	Effect of 245T on red cherry, applied July, photo Sept.	09/15/68	185
CAN.NB	Red spruce	Plantation	Foreground & left: crushed 1964, planted 1965. Right: crushed 1968, photo Sept 1968. N.B. hardwood strip left as fire break. Camp #2, Skin Gulch, J.D.Irving	09/15/68	186
CAN.NB		Site preparation, crushing	Recent crushing N.B. debris. Black Brook, J.D.Irving	09/15/67	187
CAN.NB	Red spruce	Plantation	Area crushed 1964, red spruce planted 1965, area to right back recent crushing. Photo Sept. 1968. Cap #2, Skin Gulch, Black Brook, J.D. Irving	09/15/68	188
CAN.NB	White spruce	Plantation	Area crushed 1964, planted with white spruce 1965, herbicided 1966 and 1967. Camp 16, Veneer Gate, Black Brook, J.D.Irving. Person is Pat Marceau (Irving forester)	09/15/68	189
CAN.NB	Black spruce	Herbicide	Black spruce planted 1966, herbicided with 245T, 1967. Photo 1968. Black Brook, J.D.Irving. Person is Pat Marceau	09/15/68	190
CAN.NB	Black spruce	Plantation	Black spruce planted 1966, 245T herbicided 1967, photo 1968. Black Brook, J.D.Irving. Person is Pat Marceau (Irving forester)	09/15/68	191
CAN.NB	Black spruce	Plantation	Black spruce planted 1965. Photo 1968. Camp # 10, Baseley Brook, Black Brook. J.D.Irving. Person is Niels Kreiberg (reforestation forester). N.B. grass in moist depression. Cf #164 & 167	09/15/68	192
CAN.ON	Jack pine, black spruce		Typical fire origin stand of jack pine and black spruce. Engelhart Management Unit, Swastika.	08/15/67	193
CAN.ON	Jack pine, black spruce		Interior of stand in slide #193. N.B. spruce is mainly understorey. Engelhart Management Unit, Swastika	08/15/66	194
CAN.ON	Jack pine		Jack pine with understorey black spruce. Engelhart Management Unit, Swastika	09/15/66	195
CAN.ON		Burn, control	Control burn in cutover with heavy residuals. Willson Twp. Engelhart Management Unit, nr. Montreal River	09/15/66	196
CAN.ON	Black spruce	Planting	Black spruce 3+0 planted 1966 after prespray with herbicide. Dunmore Twp. Engelhart Management Unit	09/15/66	197
CAN.ON	Black spruce	Herbicide	Scarified 1965, herbicided 24D, 1965, black spruce planted 1966, photo July 1967. N.B. grasses which flourished after woody shrubs were killed by 24D. Dunmore Twp. Engelhart Management	07/15/67	198
CAN.ON	Black spruce	Planting	Area presprayed with 24D then black spruce planted. N.B. lack of grasses cf #198, because of better drainage. Dunmore Twp. Engelhart Management Unit	09/15/67	199
CAN.ON		Site preparation	Finned barrels with chains used to prepare for planting. Heavy mixed stand of jack pine and poplar. Dunmore Twp. Engelhart Management Unit	09/15/66	200
CAN.ON	Jack pine, poplar	Site preparation, barrels	Finned barrels used to prepare site for planting after clearcut on fertile mixed. Dunmore Twp. Engelhart Management Unit, Swastika	09/15/66	201
CAN.ON	Jack pine, poplar	Site preparation, barrels	Linkage of finned barrels in slides #201a,b. Dunmore Twp. Engelhart Management Unit, Swastika. UoIT IVry students	09/15/66	202
CAN.ON	Jack pine, poplar	Site preparation, barrels	Finned barrels preparing for planting. Watabeag Management Unit, Swastika	09/15/66	203
CAN.ON	Jack pine	Site preparation, barrels	Area after site prep. by finned barrels, Dunmore Twp. Engelhart Management Unit, Swastika. N.B. Amount of residual stems. This was cut for sawlogs, no pulpwood market	09/15/66	204
CAN.ON	Jack pine, poplar	Site preparation, barrels	Area prepared with finned barrels adjacent to unsite prepared area. N.B. amount of slash and the furrows from the barrels. Dunmore Twp. Engelhart Management Unit Swastika	07/15/67	205
CAN.ON	Jack pine	Site preparation, barrels	Area prepared with finned barrels for planting beside residual uncut stand. Dunmore Twp., Engelhart Management Unit, Swastika	09/15/66	206
CAN.ON	Jack pine	Site preparation, barrels	View of furrows from finned barrels in medium sands, preparation for planting. Burt Twp. Engelhart Management Unit, Swastika. N.B. mineral soil and regularity of furrows in distance	09/15/66	207
CAN.ON	Jack pine	Plantation	Jack pine at 8 yrs. Burt Twp. Engelhart Management Unit, Swastika. N.B. this has been free from competition	09/15/68	208
CAN.ON	Jack pine	Competition	Main competition of Vaccinium and Comptonia, red is at planted jack pine. Burt Twp. Engelhart Management Unit	09/15/68	209
CAN.ON	Red pine		Residual red pine left after a jackpine stand in which it occurred had been cut. South of Watabeag Lake, Watabeag Management Unit	09/15/68	210
CAN.ON	Jack pine	Plantation	Jack pine clearcut 1965, Control burn 1966, site prepared (barrels) 1967, planted with jack pine 1967	09/15/68	211
CAN.ON	Jack pine	Site preparation, burn+site prep	Area cut 1965, control burn 1966 (Spring), site prep (barrels) 1967, planted 1967. Willson Twp. Engelhart Management Unit. N.B. Charred wood, mineral soil exposure	09/15/68	212
CAN.ON	Jack pine	Plantation	Aerial view of plantation shown in slides # 211 & 212. Lake is south part of Watabeag Lake. N.B. road pattern and reserve on lake shore Engelhart/Watabeag M.U's	09/15/68	213
CAN.ON	Jack pine	Planting, tubed seedlings	Planting tubed jack pine, with hoe/dibble, Aboriginal planter, in barreled furrow, July. Willson Twp. Engelhart Management Unit	07/15/67	214
CAN.ON	Jack pine	Planting, tubed seedlings	Aboriginal planter plant tubed jack pine in July. Willson Twp. Engelhart Management Unit	07/15/67	215
CAN.ON	Jack pine	Planting, tubed seedling	Tube seedling immediately after planting, see slide #214 & 215. Willson Twp, Engelhart Management Unit	07/15/67	216
CAN.ON	White spruce	Plantation, competition	Dense competition for white spruce. Dunmore Twp. Engelhart Management Unit	07/15/67	217
CAN.ON	Jack pine	Nutrient deficiency	Jack pine planted in area with excessive burn and mineral soil, has foliage symptoms of nutrient problem (potassium?). Engelhart Management Unit	07/15/67	218
CAN.ON	Jack pine		Natural fire stand of jack pine, Holmes Twp. Stand structure plot Engelhart Management Unit	07/15/67	219
CAN.ON	White spruce	Herbicide, pre spray	White spruce - at bottom of road, in area that was aerially treated with 24D one season prior to planting. Dunmore Twp. Engelhart Manag. Unit	09/15/68	220
CAN.ON	Jack pine	Plantation	Jack pine tubed seedling one year after planting. Watabeag Man. Unit. N.B. barrel furrow in which it is growing. Cf. slide #222	09/15/68	221
CAN.ON	Jack pine	Plantation	Extracted tube seedling one year after planting. N.B. root development. Watabeag Man. Unit	09/15/68	222
CAN.ON	White spruce	Plantation	White spruce, planted 1966 after prespray, N.B. competition. Photo after two seasons (1968). Dunmore Twp. Engelhart Man. Unit	09/15/68	223
CAN.ON	Jack pine	Plantation	Jack pine tubed seedling two years after planting. Watabeag Man. Unit. N.B. regrowth of other vegetation in furrow	09/15/68	224
CAN.ON	Jack pine	Plantation	Tubed jack pine two years after planting on barreled site. N.B. residual black spruce on right. This is a general view of area in slide # 224, Terry Twp watabeag Man. Unit	09/15/68	225
CAN.ON	Jack pine	Clearcut	Jack pine clearcut, Engelhart Man. Unit. 75 yr stand cut when there was only a sawlog market, N.B. amount of slash	09/15/68	226
CAN.ON	Jack pine	Clearcut	Recent clearcut of tree length jack pine. Dunmore Twp. Engelhart Man. Unit. N.B. residual poplar, and slash	09/15/68	227
CAN.ON	Jack pine	Clearcut 7 landing	Landing showing tree length sawlogs. Dunmore Twp. N.B. Poplar stand residual	09/15/68	228
CAN.ON	Jack pine	Plantation	Tubed jack pine three months after planting in area site prepared by control burn & barrels. Terry Twp. Engelhart Man. Unit	09/15/68	229
CAN.ON	Black spruce	Strip cutting	Fournier Operating Block showing layout of treatments. Cochrane	09/15/66	230
CAN.ON	Black spruce	Clearcut, strips	Recent strip clearcut in black spruce on peat. Fournier Block, Cochrane	09/15/66	231
CAN.ON	Black spruce	Clearcut, strip	Strip two yrs after cut. N.B. growth of Alder. Fournier Block Cochrane	09/15/66	232
CAN.ON	Black spruce	Clearcut, strip	Clearcut strip after two years, N.B. amount of alder brush. Fournier Block Cochrane	09/15/66	233
CAN.ON	White & red pine	Shelterwood, uniform	Trees marked for second cut after first ca. 13 yrs previously. N.B. the regeneration especially white pine. Petawawa Man. Unit now AFA in Algonquin Pk.	11/15/67	234
CAN.ON	White and red pine	Shelterwood, uniform	Stand 13 yrs after first cut. N.B. stump from first cut and regen. of white pine. Petawawa man. Unit. Now AFA in Algonquin Pk.	11/15/67	235
CAN.ON	White pine	Snow damage	Snow damage in white pine regeneration, Petawawa Management Unit, Algonquin Pk. now AFA	11/15/67	236
CAN.ON	Red pine	Scleroderris	Scleroderris disease on red pine. Petawawa management unit, now AFA Algonquin Pk.	11/15/67	237
CAN.ON	Black spruce	Wind damage	Tornado path in black spruce, Trout Lake, NW Ontario	07/15/68	238
USA.NC	Slash pine	Spacing trial	Spacing trial in slash pine. North Carolina, Wake Forest	08/15/68	239
USA.NC	Longleaf pine	Regeneration	Longleaf pine in "grass" stage. It may remain in this stage for several years and is resistant to fire. height growth begins when root collar D. is => 2.5cm	08/15/68	240

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
USA.NC	Longleaf pine	Regeneration	Longleaf pine that has emerged from the grass stage	08/15/68	241
CAN.ON	White pine	Regeneration	White & red pine and spruce regen. 11 yrs after cut in Quetico Pk. Sandy Bay. Person in 242b is Orie Loucks	07/15/54	242
Japan	Pinus densiflora	Clearcut	Natural regeneration of P.densiflora after clearcut of o-mature stand(background). N.B. heavy competition. Nishine Japan. Photo Carl Heimburger	07/15/66	243
Japan	Picea glehnii	Plantation	Planted Pices glehnii at Kuriyama, Japan. Photo Carl Heimburger	07/15/66	244
Japan	Pinus densiflora	Provenance trials	Provenance trials Miyamori,,Japan. Photo Carl Heimburger	07/15/66	245
Japan	Larch, japanese	Seed orchard	Pruned Larix leptolepis seed orchard, Tohoky Forest, Takisawa. PhotoCarl Heimburger	07/15/66	246
CAN.BC	Douglas fir	Cone production	Potassium fertilized Douglas fir, sampling cones. Person is Bruce Devitt. Photo Mike Meagher. Mt.Prevost nr. Duncan	06/15/64	247
CAN.BC	Douglas fir	Cone production	Heavy cone crop from potassium fertilization. Mt. Prevost nr. DuncanPhoto Mike Meagher	08/15/64	248
CAN.AB	Lodgepole pine	clearcutting, strip	Strip clearcutting in lodgepole pine, with scarification after the cut. Hinton	11/15/66	249
CAN.AB	Lodgepole pine	Regeneration	Natural regeneration of lodgepole pine, 9 yrs. after clearcutting and scarification. Hinton	08/15/66	250
CAN.AB	Lodgepole pine	Regeneration	Natural regeneration of lodgepole pine, 11 yrs after clearcutting and scarification. Hinton	08/15/68	251
CAN.AB	Lodgepole pine	Regeneration	Lodgepole pine natural, 11 yrs. after clearcutting and scarificationHinton	07/15/68	252
CAN.ON	Jack pine, black spruce	Regeneration	Clear cut 1966, prescribe burn Spring 1967, scarified(barrels) June 1967, planted(tubes) July 1967. N.B. large amount of unburnt slash, Willison Twp. Engelhart M.U.	09/15/67	253
CAN.ON	White spruce	Regeneration	White spruce planted 1960. Photo 1968. Gross Twp. Engelhart M.U.	09/15/68	254
CAN.ON	Black spruce	Regeneration, tubed seedling	Ontario tube black spruce planted 1966, Photo 1968 after 2 seasons. Engelhart M.U.	09/15/68	255
CAN.ON	White spruce, balsam fir	Spruce budworm	Aerial view of budworm infestation, Swallow Lake, Shebandowan. PhotoJune 1968	06/15/68	256
CAN.ON	White spruce, balsam fir	Spruce budworm	Aerial spraying, Swallow L. Shebandowan.	06/15/68	257
CAN.ON	White spruce, balsam fir	Spruce budworm	Aerial spraying , Swalow L. Shebandowan	06/15/68	258
CAN.ON	White spruce, balsam fir	Spruce budworm	Aerial spraying at Swallow L. Shebandowan	06/15/68	259
CAN.ON	Jack pine	Fertilization	Urea pellets on ground after aerial application. Cairo/Flavelle TwpsEngelhart M.U. See Armson K.A/ 1972, Tech. Rep. #11, Fac. of For. U/of T.	06/15/68	260
CAN.ON	Black spruce	Harvesting, Beloit harvester	Beloit harvester on Great Lakes operation.	09/15/65	261
CAN.ON	Black spruce	Harvesting, Beloit tree harvester	Beloit in operation on Great lakes Ops.	09/15/65	262
CAN.ON	Black spruce	Loading, tree length	Loading tree length at Beloit harvesting location, Great Lakes ops	09/15/65	263
USA.OR		Logging	Logging cart at forestry museum, Portland Oregon	08/15/63	264
CAN.ON	Peatland	Ploughing	Ploughing upland peat using U.K.equipment. Avalon pen. Newfoundland	09/15/68	265
SWITZ	Abies etc	Selection system	Selection system in Couvet Forest, Switzerland. Photo R.J.Day	06/15/56	266
SWITZ.	Scots pine	Regeneration	Two-storied Scots pine at Vosges, France. N.B. height of advanced regeneration and cottages. Photo R.J.Day	06/15/56	267
CAN.AB	Lodgepole pine, fir		Old growth Alberta forest, Goat Creek, southern Alberta. Photo R.J. Day	07/15/63	268
CAN.ON	Birch, yellow	Strip cutting	Yellow birch, 1 chain wide strip cut & scarified 1964, Photo 1966. Photo R.J.Day. N.B. regen of hard maple and yellow birch	07/15/66	269
CAN.ON	Yellow birch	Clearcutting, strip	Strip clearcut 1966, photo 1966 by R.J.Day. N.B. effect of scarification, and small birch seedling. Mulock Twp. North Bay	07/15/66	270
CAN.ON	Birch, yellow	Site preparation	Scarified strip cut for yellow birch regeneration, Mulock Twp. North Bay. 1966. Photo R.J.Day	07/15/66	271
CAN.ON	Birch, yellow	Regeneration	Regeneration after strip cutting and scarification in 1962. Mulock Twp. North Bay. Photo R.J.Day 1966. N.B. Height of yellow birch regen.	07/15/66	272
CAN.ON	Birch, yellow	Regeneration	Yellow birch regeneration on strip cut after 4 years. Mulock Twp. North Bay, person in picture is Dolph Wynia. Photo R.J.Day	07/15/66	273
CAN.ON	White pine	Clearcut, strips	Aerial view of Joan Peninsula, Temagami showing strip clearcuts for regeneration.	09/15/69	274
CAN.ON	White pine		Interior view of White pine at Joan peninsula, Temagami. N.B. amount of competing lower vegetation in uncut strip	09/15/69	275
CAN.ON	White pine	Clearcut, strip	Strip after clearcutting. N.B. amount of competing vegetation. c1275Joan Peninsula, Temagami	09/15/69	276
CAN.ON	White pine	Regeneration	White pine regen. on strip clearcut area, 5 years after cut. Person is Charlie Mattice.	09/15/69	277
CAN.ON	Hemlock-maple	Selection cut for deer	Eastern hemlock-hard maple selection cut for deer browse; Pine Springs, Dorset. Cut 1964-65, photo 1969. N.B. sprout growth	04/15/69	278
CAN.ON	Hemlock-maple	Selection -deer browse	Selection cut in eastern hemlock-maple, Pine Springs, Dorset; cut 1964-65, photo 1969. N.B. browse & cover	04/15/69	279
CAN.ON	Hemlock-maple	Coppicing for browse	Small maple coppiced for deer browse; Pine Springs, Dorset. Cut '64-65. Photo 1969.	04/15/69	280
CAN.ON	Hemlock-maple	Coppicing for deer browse	Yellow birch spiling coppiced for deer browse; Pine Springs, Dorset cut 1964-65; photo 1969.	04/15/69	281
CAN.ON	Black spruce	Tree improvement	PLus tree no. 686, Geraikton. N.B. form and height in relation to surrounding trees. Photo by Wilf Dyer	07/15/73	282
CAN.ON	Black spruce	Tree improvement	Scion from plus tree(slide # 282) grafted onto stock after 5 yrs. atMidhurst. Photo 1978. by Wilf Dyer	08/15/78	283
CAN.ON	Red pine	Plantation	Pulpwood thinnings from plantation(ca.40yrs.); Vivian tract. York Regional Forest.	07/15/66	284
CAN.ON	Jack Pine	Seeding	Helicopter seeding of jack pine, Port Arthur	05/15/65	285
CAN.ON	Jack pine	Seeding - regeneration	Clear cut 1960, site prepared 1962, aerially seeded Fall 1962 with jack pine @ 40,000 seeds/acre; Photo July 1963. Bennewis Twp.Gogama	07/15/63	286
CAN.ON	Jack Pine	Seeding - regeneration	Same areas slide #286. Aerily seeded 1962 This photo 1964	08/15/64	287
CAN.ON	Jack pine	Seeding - regeneration	Same area as slide # 286, seeded 1962. This photo 1966. Bennewis TwpGogama	08/15/66	288
CAN.ON	Jack pine	Seeding - regeneration	Same area as slide #286. Seeded 1962; this photo 1968. Bennewis Twp.Gogama.	10/15/68	289
CAN.NB.	Balsam fir	Road - construction	J.D. Irving road right of way, Black Brook. N.B. cleanness of road area.	10/15/66	290
CAN.NB	Balsam fir	Road construction	Road under construction at stream crossing. J.D.Irving, Black Brook	10/15/66	291
CAN.ON.		Site preparation	Marden duplex brush cutter	06/15/68	292
CAN.ON	Red pine	Plantation - spacing trial	Spacing trial est. A.D.Hall, 1949, Pine Springs Dorset.	07/15/69	293
CAN.ON	Red pine	Plantation - spacing	A.D. Hall plots est. 1949. Person is Bob Van Nostrand. His M.Sc.F. (U of T)detailed the spacing results after 17yrs.	07/15/69	294
CAN.NF.		Site preparation	Cuthbertson plow used for drainage of upland peats in Newfoundland	09/15/68	295
CAN.NF.		Site preparation - drainage	Cuthbertson plow in use in Newfoundland on upland peats	09/15/68	296
CAN.NF.		Site preparation - drainage	Results of Cuthbertson plow in Newfoundland	09/15/68	297
CAN.NF.	Black spruce	Planting	Black spruce planted in overturned peat after site preparation by Cuthbertson drainage plow. N.B. Protection as well as improved drainage	09/15/68	298
CAN.NF.		Site preparation - Imset	Imset scarifier and seeder in use on upland peats in Newfoundland	09/15/68	299
CAN.NF.		Site preparation - Imset	Imset scarifier and seeder on upland peats in Newfoundland	09/15/68	300

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
US.FL	Slash pine	Site preparation - diskng & bed	North Florida, diskng and bedding for planting with slash pine	03/15/70	301
US.FL	Slash pine	Site preparation	Bedding in north Florida, using dis & bed former. N.B. coulter in centre for ease of mechanical planting.	03/15/70	302
US.FL	Slash pine	Site preparation -diskng & bed	Area after diskng & bedding in north Florida	03/15/70	303
US.FL.	Slash pine	Plantng	Area one year after planting slash pine on diked and bedded land. Most of the trees are dead as a result of drought	03/15/70	304
US.FL.	Slash pine	Site preparation	Area clear cut, burned , windrowed, disked and bedded ready for planting	03/15/70	305
US.FL.	Slash pine	Plantation	Slash pine 1.5 yrs after planting on disked and bedded lands. cf. slide no.304	03/15/70	306
US.FL.	Slash pine	Plantation	North Florida, foreground area for planting, background are 8 yr plantation of slash pine on diked and bedded lands	03/15/70	307
US.FL	Slash pine	Plantation - grazing	Cows from local "farmers" grazing in plantation. Cost \$0.10/cow/yr. This is how company reduced occurrence of fires	03/15/70	308
Kenya	Slash pine	Plantation	Slash pine planted in Kenya, Keshakas. Photo Doug Skeates		309
US.NC.	Longleaf pine		General view of a longleaf pine stand. Sandhills State Forest, NorthCarolina	08/15/68	310
US.NC.	Longleaf pine	Thinning	Longleaf pine planted 1937, thinned 1955 & 1961. height in 1968, 72ft. Sandhills State Forest, North Carolina	08/15/68	311
US.NC	Longleaf pine	Thinning	Longleaf pine planted 1935, thinned 1961 & 1965. Ht. in 1968 70 ft. Sandhills State Forest, North Carolina	08/15/68	312
US.NC.	Longleaf pine	Plantng-underplantng	33 yr old stand of longleaf pine underplanted with longleaf pine. Sandhills State Forest. North Carolina	08/15/68	313
US.NC.	Loblolly pine		Loblolly pine planted 1931, thinned in 1958. Duke Forest, North Carolina	08/15/68	314
CAN.ON.	Balsam fir	Budworm	Balsam fir stand, 5 yrs after main attack. Black Sturgeon, NW Ontario. Person is Doug Brodie. Photo Ken Turner	09/15/55	315
CAN.NB.	Balsam fir	Budworm	Budworm damage in balsam fir , Miramichi, J.D.Irving	10/15/69	316
CAN.NB.	Balsam fir	Budworm	Branches showing defoliation due to budworm. Miramichi, J.D.Irving	10/15/69	317
CAN.NB.	Balsam fir	Clearcutng	Area clearcut in 1966-67. N.B. amount of slash and regrowth of birchand red cherry etc. Photo 1969	10/15/69	318
CAN.NB.	Balsam fir	Clearcutng	Area clearcut in 1966-67, then prescribed burn in June 1969. Photo, October 1969. Miramichi, J.D.Irving. cf slide No.318	10/15/69	319
CAN.ON	Jack pine	Prescribed fire	Jack pine, clearcut 1968-69; presc.burn May 1969;site prep(barrels) July 1969. Dumore Twp. Plonski Forest(EMU). cf. #225a&b. To be planted with tube PJ	09/15/69	320
CAN.ON	Jack pine	Plantng	Jack pine planted May, 1969, after Prescribed burn & site prep. by barrels. Matachewan, west of junction Hwy 65&66. EMU(Plonski)	05/15/69	321
CAN.ON	White spruce	Herbicide,	White spruce, planted 1965, 24D, 1967; simazine 4G 1969. N.B. heavy raspberry & grass. Gross Twp. EMU(Plonski)	09/15/70	322
CAN.ON	White spruce	Herbicide	White spruce planted 1965; 24D 1967;simazine 4G, 1969(November). EMU(Plonski). Gross Twp. cf. 322	09/15/70	323
CAN.ON	Jack pine	Plantation	Red pine planted 1958-59; poor survival; replanted 1965 with black spruce. N.B. natural jack pine after cut of 1955-57. Gross Twp. EMU(Plonski)	09/15/70	324
CAN.ON	Jack pine-aspen	Herbicide for prescribed fire	Mixed wood clearcut 1967-69; aerially herbicided 24D, August 1969 to be burnt May 1970. Davidson Twp. EMU(Plonski). N.B. killing of woody plants but heavy grass growth.	09/15/69	325
CAN.ON	White spruce	Tree improvement	Difference in time of bud flushing in white spruce windbreak at Kemptville Nursery	06/15/70	32
CAN.ON	Red spruce	Winter injury	Dessication on red spruce from late winter. U of T Forest, Dorset.	05/15/69	327
CAN.ON	Red spruce	Winter dessication	Winter dessication in red spruce. U of T Forest, Dorset	05/15/69	328
CAN.ON	Red spruce	Winter dessication	Comparison of damage from winter dessication on red and black spruceU of T Forest, Dorset.	05/15/69	329
CAN.PQ	Balsam fir	Landscape	General view, Parc des Laurentides, recent cutover in foreground. Foret Montmorency	06/15/69	330
CAN.PQ	Balsam fir	Natural regeneration	Balsam fir after clearcutting in 1940's. Foret Montmorency, Parc desLaurentides. Logging by Anglo-Canadian.	06/15/69	331
CAN.ON	Balsam fir	Clear cutting	Clear cut in early 1940's, regenerated naturally to Balsam fir. Lakecreated by dam in 1937 for wood drive. Now stocked with trout. ForetMontmorency, Parc des Laurentides. N.B. new clearcut in dis	06/15/69	332
CAN.PQ	Balsam fir	Clearcutng	Clearcut 1968-69 in balsam fir clearcut in 1944. N.B. strips of thiscut, residual slash & white birch. Foret Montmorency, Parc des Laur-entides. This is cutover in distance in Slide #332	06/15/69	333
CAN.PQ	Balsam fir	Natural regeneration	Area clearcut in 1944, regenerated to balsam fir. N.B. outline of strips still evident & strip road. Foret Montmorency, Parc des laur-entides.	06/15/69	334
CAN.PQ	Balsam fir	Natural regeneration	Area clearcut in 1944, now 25 yrs old N.B. opening of old strip roadForet Montmorency, arc des laurentides. cf slide #334	06/15/69	335
CAN.PQ	Balsam fir	Natural regeneration	Area clear cut in 1940. Foret Montmorency, Parc des Laurentides.	06/15/69	336
CAN.PQ	Balsam fir	Natural regeneration	Balsam fir, white birch and spruce after clearcutting 1940, Foret Montmorency, Parc des Laurentides.	06/15/69	337
CAN.PQ	Balsam fir	Natural regeneration	Area clearcut in 1940 and late 1940's using Gyssen cable system. N.B. Two age classes from cut. Residual pockets of fir that could not be reached, & birch regen on haul road now a moose path	06/15/69	338
CAN.PQ	Balsam fir	Frost pocket	Area clearcut in 1940. N.B. stumps and open lower flat area of frostoccurrence. Foret Montmorency, Parc des Laurentides.	06/15/69	339
CAN.ON	White spruce	Plantation	White spruce 2+2, planted May 1957 on poorly drained old field, cul-tivated in 1956. person in photo, Forester Leo Mullin. Larose Forest	09/15/57	340
Denmark	Ash-spruce	Plantation	Ash(Fraxinus excelsior) & Norway spruce on bottom lands. North of Arhus. Photo Mike Meagher	04/15/63	341
CAN.BC	Spruce-pine		Over mature Engelmann spruce and ponderosa pine(very o-mature). NearKelowna. Photo Mike Meagher	06/15/60	342
CAN.BC	Douglas fir- Western cedar	Clearcutng	Resut of clearctng in over mature Douglas fir and western red cedar. N.B. amount of slash, need for slash burning. Photo Mike Meagher	06/15/59	343
CAN.ON	Black spruce	Clearcutng-strip	Recent strip clearcutting in black spruce, showing strip, stumps andslash. Clay belt, Spruce Falls Power & Paper.	07/15/56	344
CAN.BC	Douglas fir	Natural regeneration	Douglas fir reproducing on grasslan in BC interior, nr. Dog Creek. Photo Mike Meagher	06/15/59	345
CAN.ON	White spruce		Natural white spruce along river shore. Clay belt, Northern Ontario	07/15/60	346
CAN.ON	Red pine		Mature red pine on shallow/bedrock. Fire origin. Central Ontario	07/15/59	347
USA.WA	Alpine fir		Alpine meadow with Abies lasiocarpa & deer. Mt. Rainier, Washington	09/15/63	348
CAN.BC	Douglas fir-spruce		Douglas fir & Engelmann spruce. Fraser River. N.B. Mount Robson. Photo Mike Meagher.	06/15/59	349
CAN.ON	Beech-hard maple		All-aged beech and hard maple on Sherbourne till, Dorset. Missed fires.	05/15/66	350
CAN.ON	Beech-hard maple		All aged beech and hard maple, on Shallow(Sherbourne) till at DorsetStand has escaped fire. N.B. low quality, Eutypella canker and seam on beech.	05/15/66	351
CAN.ON	Beech		Over mature beech on shallow till(Sherbourne) with major defect of seams and canker(Eutypella). Dorset	05/15/66	352
CAN.ON	Hard maple		Hard maple on deeper Sherbourne till, Dorset. N.B. better quality ofstems than in slides 350 & 351	05/15/66	353
CAN.AB	Spruce -fir		Natural regeneration of Engelmann spruce and Balsam fir. Northwest power and Paper Co. Hinton.	08/15/63	354
CAN.NF	Balsam fir		Atlantic shoreline Balsam fir, north of St. John's. N.B. form and growth	09/15/68	355
CAN.SK	Spruce-aspen-birch		Boreal forest from the air. North of Prince Albert	09/15/64	356
CAN.SK	Spruce-birch		Boreal forest black spruce & white birch. N.B. decadent birch. Northof Prince Albert	09/15/64	357
Japan	Pine		Natural stand of Pinus densiflora in Nishine,Japan. N.B. poor form and dense woody understory. Photo Carl Heimberger	09/15/63	358
CAN.PQ	White spruce	Plantation	White spruce, 5 yrs. from planting, CIP Experimental area. Person isPaul Aird.	06/15/61	359
UK	Spruce	Plantation	Earl of Bathurst estate, Wiltshire. Spruce planted in hardwood open-ing	09/15/54	360

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON	Black spruce		Over-mature black spruce on sphagnum peat. Oldest trees 210yrs N.B.younger age classes in openings. Quetico. Photo Orie Loucks	07/15/54	361

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON	White pine		Fire origin white pine, with spruce and eastern white cedar. 90 yrs.Quetico. N.B. hardwood understory. Photo Orié Loucks	07/29/54	362
CAN.ON	Red pine		Over-mature red pine, fire origin. N.B. hardwoods in opening one young red pine in foreground	07/15/54	363
CAN.ON	Red pine-black spruce		Over-mature red pine with black spruce developing in openings. Quetico. Photo Orié Loucks	07/17/54	364
CAN.ON	Red pine		Decadent red pine stand, live remnants on shoreline. Quetico, IrvingsIsland. Photo Orié Loucks	07/15/54	365
CAN.ON	White pine		Fire origin white pine with balsam fir understory. Quetico, Norway Pt. Photo Orié Loucks	07/15/54	366
CAN.ON	Red pine		Decadent red pine, Quetico, Hilly Island, Lac LaCroix. Photo Orié Loucks	07/15/54	367
CAN.ON	White spruce	Plantation-N deficiency	Nitrogen deficiency(needle chlorosis) in white spruce planted in poorly-drained old field sandy loams. Larose Forest, Limerick	09/15/56	368
CAN.ON	White spruce	Plantation	Normal white spruce planted in poorly-draine, old field sandy loam, Larose Forest, Limerick. Person is J.R.M. (Mack) Williams	08/15/56	369
CAN.ON	Red pine	Plantation	Red pine 8yrs from planting on well-drained sandy loam.Larose ForestLimerick. Person is J.R.M.(Mack) Williams	09/15/56	370
CAN.ON	Red pine	Plantation	Red pine 8yrs after planting on weel-drained old field sandy loam. N.B. chlorosis on needles, lack of 3yr foliage. cf slide 370. Personis J.R.M.(Mack) Williams	09/15/56	371
CAN.ON	Red pine	Deficiency ?	Chlorosis in planted red pine(10 yrs). Cause ?. Larose Forest, Person is Tom Imada.	06/15/57	372
CAN.ON	Norway spruce	Plantation	Norway sruce planted 1945 @ 12yrs. on old field, Wellington Co. Person is Bill Fullerton. Report of study"An example of the effect of past and use on fertility...spruce Tech Rep.#1,Fac.For. UofT	08/15/57	373
CAN.ON	Norway spruce	Plantation	Short and chlorotic trees, N.B. tall trees in background on site of old cowshed. person Bill Fullerton.See Armson, 1959 Tech. Bull. #1 "An example...Spruce". Fac. Of For. U of T.	08/15/57	374
CAN.NB	White spruce	Plantation	White spruce, planted 1957 after 12yrs. J.D. Irving, Black Brook, Person is Neils Kreiberg.	06/15/69	375
CAN.NB	Black spruce	Plantation	Black spruce planted 1963 after 6yrs. J.D.Irving, Perkins Brook at Black Brook. Person is Pat Marceau. Photo Oct/69	09/15/69	376
CAN.NB	Black spruce	Plantation	Black spruce planted 1963, precocious with cones. General view of plantation, Perkins Brook. Person is Pat Marceau	09/15/69	377
CAN.NB	Black spruce	Cone crop	Black spruce cones on 6 yr old plantation tree, Perkins Brook, J.D. Irving. Smae tree as Slide # 377	09/15/69	378
CAN.NB	Black spruce	Plantation	Black spruce planted 1965 after 4yrs. J.D.Irving, Black Brook. Persons are W.(Bill) Butler & Neils Kreiberg	09/15/69	379
CAN.NB	White pine-balsam fir	Harvesting	Balsam fir/red spruce 40-45 yrs, clearcut in 1967-68. Fire origin white pine 140 + yrs left. Fir & spruce had been budwormed. J.D. Irving, Miramichi, Camp 63	06/15/69	380
CAN.NB	White pine -Balsam fir	Harvest	Fire origin white pine 140 +yrs, left after understory of balsam fir& red spruce were clearcut 1967-68. J.D. Irving Camp 63, Miramichi Proposed for Prescribed burn	06/15/69	381
CAN.NB	Balsam fir - red spruce	Clearcut	Clearcut 1967-68, J.D.Irving, Camp 63, Miramichi. N.B. Stony/boulderground. proposed for prescribed burn in 1970	06/15/69	382
CAN.NB	Red spruce	Plantation	Red spruce planted in strips after 1963-64 cut. Ht. 1.3m. ca. 200 - 500 trees/acre. J.D.Irving, Justason property, s. of Saint John	06/15/69	383
CAN.NB	Hardwood		General view showing hardwood ridges & conifer valleys. Black sprucein foreground planted 1966, J.D.Irving, Black Brook, Camp 16, Big Forks Ridge	10/15/69	384
CAN.NB	Hard maple		Black Brook, typical vegetation pattern, hardwoods on ridge and conifers in valleys, aerial view. J.D.Irving	06/15/69	385
CAN.NB	Hard maple	Clearcut	Aerial view of recent clearcut(1969) in hardwood ridge, J.D.Irving Black Brook	06/15/69	386
CAN.NB	Balsam fir	Clearcut	Aerial view of 1968-69 cutover. J.D.Irving, nr. Chipman. N.B. the straight roads.	06/15/69	387
CAN.NB	Hard maple	Harvest	Aerial view of cutover in hardwood ridge, J.D.Irving, Miramichi, Camp # 63. N.B. road layout	06/15/69	388
CAN.NB	Hard maple	Clear cut	Aerial view of clear cut in hardwoods, J.D.Irving, Camp #63, Miramichi. N.B. road layout	06/15/69	389
CAN.NB	Hard maple		Aerial view of road layout by Fraser Inc. in lands adjacent to thoseof J.D.Irving. cf. slides 387-389	06/15/69	390
CAN.NB.	Hardwoods	Site preparation - crushing	55 ton crusher preparing cutover for planting. J.D.Irving, Black Brook adjacent to Stewart Hwy. June 1969	06/15/69	391
CAN.NB	Hardwoods	Site preparation - crushing	145 ton crusher preparing cutover for planting. J.D. Irving, Black Brook. Persons are K.C.Irving and J.K.Irving	06/15/69	392
CAN.NB	Hardwoods	Site preparation - crushing	Aerial view of recent crushing and older crushed area, now planted. J.D.Irving, Black Brook, Camp # 17	06/15/69	393
CAN.NB	Spruce	Plantation	Aerial view of spruce plantations(black, red & white) planted 1965, after 4yrs. J.D.Irving, Black Brook, Veneer Hill Camp 16	06/15/69	394
CAN.NB	Black spruce	Plantation	Black spruce planted 1965. J.D.Irving, Black Brook, Camp 16, across road from Veneer Gate. Persons Pat Marceau & Neils Kreiberg. Ground view of area in aerial view slide # 394	06/15/69	395
CAN.NB	Black spruce	Plantation	Blackspruce planted 1965, Ht. 1.9m. Crushed 1964, twice herbicided, J.D.Irving, Camp 16, Black Brook.	09/15/69	396
CAN.NB	Black spruce	Plantation	Black spruce planted 1965, 1600/acre(3200/hectare). Camp 16. person is K.C.Irving - "My trees are growing, How about yours ?"	09/15/69	397
CAN.NB	Black spruce	Pruning leaders	Removing double leaders in black spruce plantation, J.D.Irving, Black Brook. Persons, K.C.Irving & Neils Kreiberg. KCI, " Which one should I take ?	09/15/69	398
CAN.NB	White spruce	Plantation	White spruce planted 1968, herbicided 1969 with 2,45T. Black Brook J.D.Irving Camp #16. N.B. '69 leader growth	09/15/69	399
CAN.NB		Aerial inspection	K.C.Irving & W.(Bill) Butler inspecting plantations and operations from Cessna 185. J.D.Irving.	06/15/69	400
CAN.NB	Black spruce	Planatation	Black spruce planted 1966, herbicided 2,45T 1967. J.D.Irving, Camp 9Black Brook.	06/15/69	401
CAN.NB	White & red spruce	Plantation	White and red spruce planted 1967, after 1966 crushing, herbicided 2,45T 1968 & 1969. J.D.Irving, Big Forks Ridge. N.B. heavy grass as a result of herbiciding.	06/15/69	402
CAN.NB	White spruce	Plantation	White spruce newly planted(May, 1969) after 1968 crushing.J.D.IrvingBlack Brook.Person is Pat Marceau. N.B. amount of slash & condition from crushing.	06/15/69	403
CAN.NB	Black spruce	Planatation	Black spruce planted 1966. Black Brook, J.D.Irving, Camp #8. cf. slide #135 of same area 4 yrs earlier	09/15/69	404
CAN.NB	Black spruce	Herbicide	Black spruce planted 1967, aerially herbicided 1968 2,45T. N.B. areain foreground not treated and red-brown foliage of treated area. J.D.Irving, Black Brook, Camp # 12	06/15/69	405
CAN.NB		Aerial spraying	TBM's used in Budworm spraying. J.D.Irving, Juniper Nursery airstrip	06/15/69	406
CAN.NB	Larch	Natural regeneration	Natural regeneration of eastern larch 6 years aftercut 1963-64. J.D.Irving Justason property, s.of Saint John. Person is Neils KreibergN.B. old white pine open grown residual	06/15/69	407
CAN.NB	Jack pine	Plantation	Jack pine planted 1965. J.D.Irving, Cormier Property, Buctouche, St.Fabian	06/15/69	408
CAN.NB	Hardwoods		Entrance road to Black Brook, Fall colours. J.D.Irving, Black Brook	09/15/69	409
CAN.NB	White & black spruce	Frost damage	Area harvested - "boganned strips", frost hollow with white spruce in foreground, black spruce in background.N.B.damage to white sprucewith none to black spruce. Perkins Brook, Black Brook J.I	09/15/69	410
CAN.NB	White spruce	Frost damage	Frost damage in planted white spruce(4 yrs from planting).J.D.IrvingBlack Brook	06/15/69	411
CAN.NB	White spruce	Snow mold	Damage from snow mold(Phacidium abietis). J.D.Irving, Black Brook Camp # 16.	06/15/69	412
CAN.NB	Black spruce	Snow damage	Stem breakage in black spruce. planted 1965. Heavy snow in early winter(1968-69) followed by thaw & refreezing with ice storm to cre-ate a hardcrust which then collapsed. J.D.Irving, Black Broo	06/15/69	413
CAN.NB	Black spruce	Snow damage	Bending & breakage in black spruce(planted 1965). Heavy snow 1968-69followed by thaw and freezing rain then refreezing to form heavy crust. J.D.Irving, Black Brook	06/15/69	414
CAN.NB	Black spruce	Plantation	Black spruce planted 1966 in lowland area subject to late Spring frost. N.B. no damage. J.D.Irving, Black Brook, Camp #9	09/15/69	415
USA.MA	White pine		Old growth white pine & white cedar, originated after hurricane & fire in mid 1600's, Photo 1915. Harvard Forest, Pisgah Tract	10/15/65	416
USA.MA		Hurricane damage	Same area as slide #416, after Hurricane of 1938. Photo 1938.HarvardForest, Pisgah Tract. So much for old growth	10/15/65	417
CAN.ON	Red pine	Plantation	Red pine planted ca. 1926 on "waste land", i.e. old fields, at 43yrsVivian Forest west tract(York Regional Forest).	12/15/69	418
CAN.ON	Red pine	Recreation	Red pine at 43yrs planted on abandoned wind-eroded farm land. VivianForest west tract(York Regional Forest). Persons- Erling Armon skis& Harriett Armon(red jacket)	12/15/69	419
CAN.ON	Black spruce	Sleigh haul	Sleigh haul of pulpwood, 1950. NE Ontario	02/15/50	420
CAN.ON	Black spruce-aspen		Fire origin black spruce & aspen at 48yrs. Engelart Management Unit (Plonski Forest)	05/15/70	421

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON	Jack pine - black spruce		Fire origin jack pine & black spruce at 48yrs. N.B. crowns.EngelhartManagement UNIT(Plonski Forest).	05/15/70	422

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON	Jack pine		Fire origin jack pine on SC #1 site. at 58 yrs. N.B. decadence of crowns.	05/15/70	423
CAN.ON	White pine	Winter damage(salt)	Salt damage on white pine at road side. Huntsville	04/15/70	424
CAN.ON	White pine	Blister rust	Dead crown from blister rust(Cronartium ribicola). Parry Sound	06/15/70	425
AFRICA	Casuarina	Plantation	Plantation of Casuarina equisetifolia at 13yrs to stabilize dunes, Cape Verde, Dakar. Photo Lloyd Burridge	06/15/68	426
AFRICA	Casuarina	Plantation	Plantation of Casuarina equisetifolia at 13 yrs. interior of stand N.B. form. Photo Lloyd Burridge	06/15/68	427
AFRICA	Casuarina	Soil profile	Soil profile under 13yr old Casuarina equisetifolia plantation, Cape Verde, Dakar. N.B. L & F layer, root. Photo Lloyd Burridge	06/15/68	428
AFRICA	Casuarina	Root nodules	Root nodules (N-fixation) on Casuarina. Cape Verde, Dakar. Photo Lloyd Burridge	06/15/68	429
SWEDEN		Planting equipment	Swedish planting machine Osa AB 650. Photo A.S.Michell	08/15/70	430
FINLAND		Drainage plow	Lokomo drainage plow. Photo A.S.Michell	09/15/70	431
CAN.ON	Jack pine	Plantation - roots	2+0 jack pine planted 1967, extracted 1970 after 4 yrs. N.B. bend inroot from planting with Sandvik hoe & general distribution of roots.Engelhart Management Unit(Plonski)	06/15/70	432
CAN.ON	Jack pine	Roots of planted trees	Comparison of roots of natural(N) and Ontario tube seedling(T) after3 growing seasons. N.B. similarity. Engelhart Management Unit	06/15/70	433
CAN.ON	Black spruce	Plantation - roots	Roots of black spruce from Ontario tube, planted 1966, extracted 1970 after 4 seasons. Willson Twp. Engelhart Management Unit	06/15/70	434
CAN.ON	Jack pine	Plantation roots	Jack pine in Ontario tube planted 1966, extracted 1970 after 4 yrs N.B. root symmetry & residual tube. Willson Twp. Engelhart Management Unit	06/15/70	435
CAN.NB		Aerial spray	TBM spray planes at Juniper airport, J.D.Irving	06/15/70	436
CAN.NB		Planting site	Area crushed for planting. Black Brook, J.D.Irving	05/15/70	437
CAN.NB		Planting crew	Planting crew on site(slide #437). N.B. man holding line to ensure trees are planted in straight lines. Black Brook, J.D.Irving	05/15/70	438
CAN.NB	Balsam fir	Aesthetics	Roadside pin cherry & balsam fir. Cherry results from disturbance byroad construction. Black Brook, J.D.Irving	06/15/70	439
CAN.NB	White spruce	Plantation	White spruce planted 1965 at 5yrs. Black Brook, J.D.Irving. Person Neils Kreiberg	06/15/70	440
CAN.ON	Jack pine	Canker	Endocronartium harknessii sporulating (aeciospores) on jack pine Engelhart Management Unit	06/15/70	441
CAN.NB	Balsam fir	Budworm damage	Defoliation and mortality in balsam fir. New Brunswick	06/15/70	442
CAN.NB	Balsam fir	Budworm	Spruce budworm damage in balsam fir. New Brunswick	06/15/70	443
CAN.ON	Jack pine	Canker	Cronartium comptoniae(Sweetfern blister rust) cankers on 50 yr jack pine. Cairo-Flavelle Twp. Engelhart Management Unit	06/15/70	444
CAN.ON	Jack pine	Crown form	Vigorous crown, good form in 60 yr jack pine. N.B. poor form -broken crown to right	06/15/70	445
CAN.ON	White pine	Decadence	Three stages in crown decadence in 140+ yr white pine. Lake Temagamishoreline reserve	06/15/70	446
CAN.ON	White pine	Strip clearcut	Aerial view of strip clearcut begun in 1962, photo 1970. Joan Penin-sula, Lake Temagami.	06/15/70	447
CAN.AB	Lodgepole pine	Planting	Planting tube seedlings of lodgepole pine. Northwest Pulp and Power,Hinton Alberta.	06/15/70	448
CAN.ON	White pine	Tornado	Aerial photo of tornado path, August 1969 in White pine, lakeshore reserve. Lake Temagami. Photo 1970	06/15/70	449
CAN.ON	Poplar	Wind damage	Stem breakage in aspen, August 1970. Sharpe Twp.Engelhart ManagementUnit	09/15/70	450
CAN.ON	White pine	Reserve	Lake Temagami shoreline reserve. N.B. dead and dying pine. Pine 150+ yrs	09/15/70	451
CAN.ON	White pine	Reserve	Lake Temagami shoreline reserve. N.B. dead & dying trees	09/15/70	452
CAN.ON	White pine	Clearcut	Clearcut 1960, photo 1970. N.B. regeneration. Mine Road, Temagami	06/15/70	453
CAN.ON	White pine	Group clearcut	Group clearcut 1968-69; planted with red pine, 1969. Shiningwood Bay,Lake Temagami. Persons Doug Buck(W.Milne forester) and Prof. R.(Bob)Day. N.B. 2 yrs later red pine were eaten by snows	06/15/70	454
CAN.ON	White pine	Group clearcut	Area of group clearcut with recreation trail in middle. Shiningwood Bay, Lake Temagami	06/15/70	455
CAN.ON	Red pine-white pine	Reserve	Shoreline in front of group clearcuts, Shiningwood Bay,Lake Temagami	09/15/70	456
CAN.ON	White pine	Reserve	Shoreline, Shiningwood Bay in front of strip clearcut. Lake Temagami	09/15/70	457
CAN.ON	White pine	Clearcut- strips	Strip clearcut, 1969-70. red pine planted 1970. Shiningwood Bay, Lake Temagami. This was to avoid hare damage in small openings.	06/15/70	458
CAN.ON	White pine	Clearcut	Strip clearcut in Skyline reserve 1969-70. Planted with red pine andnatural regen. of white pine. Persons- Fred McNutt(red hat), Doug Buck & Prof. R.(Bob)J.Day.Shiningwood Bay, Lake Temagami	06/15/70	459
CAN.ON	Jack pine	Root rot	Amillaria mellea(Shoe-string) on 6yr old planted jack pine, showingfruiting bodies. Engelhart Management Unit	09/15/70	460
CAN.ON	Jack pine	Root rot	Planted jack pine (6yrs) infected by Amillaria mellea(shoe-string) showing chlorosis prior to death. Davidson Twp. Engelhart ManagementUnit	09/15/70	461
CAN.ON	White spruce	Browse damage	Snow she hare browse on natural white spruce. Truax Twp. Engelhart Management Unit.	05/15/70	462
CAN.NB		Budworm spray	Forest protection Ltd's TBM's at Juniper airstrip. J.D.Irving. Sprayfenitrothion 2oz./acre.	06/15/70	463
CAN.NB	White spruce	Plantation	White spruce planted 1967 on old field. J.D.Irving, Jordan Mtn.Photo1970	06/15/70	464
CAN.NB	Eastern larch	plantation	Eastern larch(Larix laricina) planted 1962, photo 1970.Acadia ForestExperiment Station. Person is Niels Kreiberg	06/15/70	465
CAN.ON	RedBlack Spruce	Tree improvement	Hybrid red x black spruce in trial. N.B. winter dessication and fol-iage mortality in adjacent red spruce. Dorset U T Forest	04/15/70	466
CAN.ON	Aspen poplar	Clonal variation	Genetic variation in two adjacent clones of aspen, shown by leafing out differences. Engelhart Management Unit.	05/15/70	467
CAN.ON	Jack pine	Plantation - Ontario tubes	Jack pine planted 1966 in Ontario tubes. after 5 growing seasons. Willson Twp. Engelhart Management Unit.	09/15/70	468
CAN.ON	Jack Pine	Plantation	Jack pine tube planted August 1968. Photo Sept 1970. Terry Twp. cf. slide #229. Engelhart Management Unit	09/15/70	469
CAN.ON	Jack pine	Plantation	Jack pine tubes planted 1968 after prescribed burn & site preparation. Photo 1970	09/15/70	470
CAN.ON	Red pine	Aesthetics	Residual red pine left around Watabeag lake, remainder of jack pine clearcut and site prepared for planting. Nordica Twp Watabeag Management Unit	09/15/70	471
CAN.ON	Jack pine	Clearcut	Jack pine clearcut 1970. Dunmore Twp. Engelhart Management Unit	09/15/70	472
CAN.ON	Jack pine	Plantation	Jack pine after 6 yrs. Davidson Twp. Engelhart Management Unit	09/15/70	473
CAN.ON	Black spruce	Herbicide	Cutover treated with Dybar, planted with black spruce tubes,1969 Sharpe Twp. Engelhart Management Unit	09/15/70	474
CAN.ON	Black spruce	Herbicide	Close-up of black spruce tube seedling cf slide # 474. Sharpe Twp. Engelhart Management Unit	09/15/70	474
CAN.ON	White spruce	Plantation	White spruce planted in skid trail,1958. Photo 1970. Gross Twp. Engelhart Management Unit. Person is Professor R.(Bob)J.Day	09/15/70	476
CAN.ON	Jack pine	Site preparation - barrels	Heavy shark-finned barrels in preparation for planting. Sharpe Twp. Engelhart Management Unit.	09/15/70	477
CAN.ON	Jack pine	Site preparation - barrels	Results of heavy shark-finned barrels in heavy slash. cf.slide # 477Sharpe Twp. Engelhart Management Unit	09/15/70	478
CAN.ON	Red pine	Plantation	Red pine planted 1930 at 40 yrs. Vivian Forest(York Regional Forest)	12/15/70	479
CAN.ON	Red pine	Aesthetics	Patch of Scots pine clearcut to provide opening in red pine for weeds and birds. Vivian Forest(York Regional Forest)	12/15/70	480
CAN.ON	Red pine	Harvest	Red pine thinnings from 40+yr red pine. N.B. European larch on right of logs. Vivian Forest(York regional Forest).	12/15/70	481
CAN.ON	Black spruce	Peat extraction	Cordory road built on peat bog to extract peat for Swastika NurseryDunmore Twp. Engelhart Management Unit	06/15/61	482

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON	White spruce	Tree improvement	"Super" seedlings outplanted 1969. Kemptville Nursery	06/15/69	483
CAN.NB	White spruce	Tree improvement	Seed production area for White spruce planted 1970. J.D.Irving, Biggar Ridge(Juniper). cf slide #485	06/15/70	484

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.NB	White spruce	Tree improvement	White spruce seed production area, planted 1970. Photo 1974. J.D. Irving, Biggar Ridge(Juniper)	06/15/74	485
USA.ID	Ponderosa pine	Plantation	Ponderosa pine planted 1963, photo 1964. 30% survival. Photo M(Mike)D. Meagher	08/15/64	486
CAN.BC	Douglas fir	Clearcut - patches	Aerial view of patch clearcutting in west coast Douglas fir,w.hemlock etc. Photo M.(Mike) D.Meagher	06/15/63	487
CAN.BC	Douglas fir	Site preparation -slash burning	Clearcutting followed by slash burning, west coast forest, Vancouverisland. Photo M.(Mike) D. Meagher	06/15/59	488
CAN.PQ		Log drive	Log drive in Quebec	06/15/61	48
USA.ID	Ponderosa pine	Plantation	Ponderosa pine planted in furrows. N.b Mortality in natural large pine. Photo M.(Mike) D. Meagher	08/15/64	490
CAN.BC	Ponderosa pine	Planting	Machine planted ponderosa pine. Rampart Prairie. Photo M.(Mike) D. Meagher	06/15/58	491
USA.FL	Slash pine		Slash pine(natural) at 45yrs. on poorly drained sand. Olustee, Florida	03/15/71	492
USA.FL	Slash pine		Natural slash pine on imperfectly drained sand. Lake City, Florida	03/15/71	493
USA.FL	Slash pine	Clearcutting	Harvesting using Roanoke shears. Owens-Illinois operations, Lake City, Florida. cf Slide #179	03/15/71	494
USA.FL	Slash pine	Site preparation	Cutover being windrowed, prior to bedding treatment. Owens-Illinois.Lake City Florida	03/15/71	495
USA.FL	Slash pine	Site preparation - bedding	Bedded cutover ready for machine planting ofslash pine. Owens-Illinois, lake City Florida	03/15/71	496
USA.FL	Slash pine	Site preparation - equipment	Rome disks and bed roller with centre coulter. Owens-Illinois, Lake City Florida	03/15/71	497
USA.FL	Slash pine	Site preparation	Bed,showing height of top of bed above ground level. Owens-Illinois Lake City Florida	03/15/71	498
USA.FL	Slash pine	Site preparation - bedding	General view of bedded area ready for machine planting of slash pineOwens-Illinois, Lake City, Florida	03/15/71	499
USA.FL	Slash pine	Site preparation - bedding	Area bedded for machine planting adjacent to uncut slash pine. OwensIllinois, Lake City, Florida	03/15/71	500
USA.FL	Slash pine	Plantation	Slash pine machine planted in bedded area after 2 yrs. Owens-Illinois. Lake City Florida	03/15/71	501
USA.FL	Slash pine	Plantation	Slash pine machine planted in bedded area, after 3 yrs. Owens-Illinois, Lake City, Florida	03/15/71	502
CAN.ON	White pine-white spruce	Plantation - conversion	Attempt to convert hard maple etc to conifers. Hardwood cut 1965-66.White pine & white spruce planted 1966. Dorset, UT Forest	05/15/71	503
CAN.ON	White spruce	Plantation	White spruce after 5yrs in area slide # 503. N.B. This was exceptionDorset, UT Forest	05/15/71	504
CAN.ON	Hard maple	Stand improvement	Girdling of selected trees after harvest of merchantable trees to improve stand quality. White's Bush, Puslinch Twp. s. Guelph	03/15/71	505
CAN.ON	Hard maple	Stand improvement	Stand improvment in woodlot that had been high-graded,cf Slide #505 White's woodlot, Puslinch Twp. s. Guelph.	03/16/71	506
CAN.ON	Red pine	Thinning	Thinning in red pine. N.B. fresh cut stumps painted with NaNO2 + dyeto prevent infection by Fomes annosus spores. Wellington Co Forest	03/15/71	507
CAN.ON	Hard maple	Selection cut	Slash lopped to <5ft. to improve appearance of cut. Wellington Co. Forest	03/15/71	508
CAN.ON	White elm	Beetle attack	Beetle galleries in white elm	03/15/71	509
CAN.ON	White spruce	Plantation	White spruce planted Fall,1965, after 5 yrs. Aldina Twp.Thunder Bay cf Slides # 155 & 156 photos of trees being planted	04/15/71	510
CAN.ON	White spruce	Plantation - roots	Hockey stick roots of 2+2 white spruce, planted 1965, photo 1971. Aldina Twp. Thunder Bay, cf. slides # 155, 156 & 509	04/15/71	511
CAN.ON	Black spruce	Plantation - tubed roots	Roots of black spruce (tube) planted 1966. Photo 1971. Thunder Bay. N.B. All roots below tube	04/15/71	512
CAN.ON	Black spruce	Prescribed fire + natural fire	Cutover prescribed fire 1967, wildfire 1969. Black spruce tubes pla-nted 1970. N.B.exposed mineral soil. Sackville Twp. Thunder Bay	04/15/71	513
CAN.ON	Black spruce	Plantation	Black spruce tube planted 1970 in area which had two fires: prescribed fire 1967 & wildfire 1969. Black spruce tubes planted 1970. N.B. frost heaved tube due to lack of forest floor. Sackville Twp	04/15/71	514
CAN.ON	Jack pine	Natural seeding	Clearcut 1965; scarified with pads & chains 1966 for seed from conesin slash. Photo 1971 after 4 yrs. Sackville Twp. Thunder Bay	04/15/71	515
CAN.ON	Jack pine	Natural seeding	Clearcut 1963, scarified with pads & chains 1963 for seed from cones in slash. Photo after 6 yrs. Marks Twp. Thunder Bay	04/15/71	516
CAN.ON	White spruce	Tree improvement	Grafted white spruce in Thunder Bay Seed orchard.	04/15/71	517
CAN.ON	White spruce	Tree improvement	General view of Thunder Bay seed orchard	04/15/71	518
CAN.ON	White spruce	Plantation - strips	"Tunnelling" in 23yr aspen to provide space for planting 3+0 white spruce.Tunnelled March 1971, planted May 1971. Limestone Lake	05/15/71	519
CAN.ON	White spruce	Plantation	Clearcut then wildfires 1941 & 1948. White spruce 2+2 planted 1966. Photo 1971. N.B. evidence of frost damage. Limestone lake	05/15/71	520
CAN.ON	White spruce	Plantation	White spruce 2+2 planted 1966 in area clearcut,then wilfires 1941 & 1948. N.B. evidence of frost, i.e. lack of woody growth and areas ofno trees, also leaders of trees above frost line. Limestone Lake	05/15/71	521
CAN.ON	White spruce	Plantation cleaning	White spruce 2+2 planted 1966,dense aspen competition cleaned winter1971 with axes. Person is George Marek. Limestone Lake	05/15/71	522
CAN.ON	Black spruce	Plantation	Black spruce 2+2 planted 1962,after 8 yrs. Person is Ken Reese. Limestone Lake	05/15/71	523
CAN.ON	Black spruce	Plantation - roots	Roots of 2+2 black spruce planted 1962 in clay soil. cf slide # 523 N.B. shallow root system Limestone Lake	05/15/71	524
CAN.ON	Black spruce	Insect damage	Midge damage in black spruce. Limestone Lake	05/15/71	525
CAN.ON	Black spruce	Plantation	Black spruce 2+2, planted Fall 1962. Person is George Marek. Limestone Lake	05/15/71	526
CAN.ON	Black spruce	Plantation - cleaning	Black spruce 2+2 planted 1962, after 8 yrs. cleaning of aspen1970/71Limestone Lake	05/15/71	527
CAN.ON	Black spruce	Plantation - roots	Roots of 2+2 black spruce planted 1962, after 8 yrs photo 1971. N.B.symmetry of roots and shallow nature. Limestone Lake	05/15/71	528
CAN.ON	Jack pine	Plantation	Jack pine planted Fall 1962,after 8 yrs. photo 1971 Person is George Marek. Limestone Lake	05/15/71	529
CAN.ON	Black spruce	Plantation - roots	Roots of 2+2 black spruce planted Spring 1968, after 3 yrs. N.B. thelateral roots. Limestone Lake	05/15/71	530
CAN.ON	Black spruce	Plantation	Black spruce 2+2 planted Spring 1968, after barrels site prep. 2,4D spray summer 1969. After 3 yrs. Limestone lake	05/15/71	531
CAN.ON	Black spruce	Natural regeneration	Black spruce (95yrs) strip cut 1962-63, then scarified summer 1963for natural regen. after 8 yrs. Domtar Camp 94	05/15/71	532
CAN.ON	Black spruce	Stand structure	Black spruce 95 yrs. fire origin. Domtar, nr Camp 94.Lake Nipigon	05/15/71	533
CAN.ON	Black spruce	Tree improvement	Black spruce 95 yrs. fire origin selected Plus tree. Domtar, Camp 94Lake Nipigon	05/15/71	534
CAN.ON	Black spruce	Clearcut - strip	Strip clearcut (200ft.)in black spruce on shallow soil, 1969-70. Domtar Camp 56.Lake Nipigon	05/15/71	535
CAN.ON	White spruce	Plantation	White spruce 2+0, planted after clearcutting 1968, prescribed fire 1969 and planted with seedling stock Spring 1970. Excellent survival& growth.Domtar Camp 56, Lake Nipigon	05/15/71	536
CAN.ON	Jack pine	Natural regeneration	Area clear cut 1965, scarified 1967 for seed from cones. Photo 1971 N.B. low density of jack pine. Bankfield Tower Road, Geraldton	05/15/71	537
CAN.ON	Jack pine	Natural regeneration	Clearcut 1962,scarified 1963, natural regen from cone seed. N.B. the absence of competition. Kimberly-Clark, Statesman Road, Longlac	05/15/71	538
CAN.ON	Jack pine	Natural regeneration	Area clearcut 1962, scarified 1963 for seed from cones in slash. Photo 1971. Kimberly-Clark, Statesman Road, Longlac	05/15/71	539
CAN.ON	Jack pine	Natural regeneration	Cutover scarified 1967 for seed from cones in slash. Geraldton	05/15/71	540
CAN.ON	Jack pine	Insect damage	Pitch nodule maker (Petrova albicapitana)jack pine. Geraldton	05/15/71	54
CAN.ON	Jack pine	Natural regeneration	Natural reneration from slash scattering after clearcutting, 1950. Ht.22ft. Dbh 4.7ins. 1971 Kimberly-Clark, Seagarm road, Longlac. Person is Ed Bonner	05/15/71	542
CAN.ON	White & black spruce	Tree improvement	Seed Orchard, wite and black spruce. Kimberly-Clark, Longlac	05/15/71	543
CAN.ON	Lodgepole pine	Plantation	Lodgepole pine planted 1962 on jack pine cutover. Chipman Road, Kimberly-Clark, Longlac. N.B. KAA suggested they destroy the plantation because of potential for lodgepole x jack pine crosse	05/15/71	544

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON	White spruce	Plantation	White spruce planted Fall 1961, after the O'Meara fire after 9 yrs. Chipman Road, Kimberly-Clark, Longlac. Person is Fred Robinson who organized the 1961 planting	05/15/71	545

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON	White spruce	Planting stock	White spruce tube seedling two yrs. after outplanting. Atikokan	06/15/71	546
CAN.ON		Greenhouse Tubes	Pine seedlings germinating in plastic house Fort Frances	05/15/71	547
CAN.ON	Black spruce	Frost heaving	Black spruce 1+0 seedlings frost heaved in seedbed at Dryden Nursery	05/15/71	548
CAN.ON	Black spruce	Winter dessication	Black spruce 3+0 seedlings showing winter burn from dessication. Dryden Nursery	05/15/71	549
CAN.ON	White spruce	Thinning	White spruce(some black) 35yrs, after thinning. Shebandowan, ThunderBay	05/15/71	550
CAN.ON	Black spruce	Plantation - roots	Root system of black spruce planted 1962, 2m. height. Photo June1971Sanford Mutrie, Dryden Paper Co.	06/15/71	551
CAN.ON	Black spruce	Plantation	Black spruce planted 1962, at 9 yrs. Photo 1971. Sanford Mutrie, Dryden Paper Co. cf slide 551 of root system same trees.	06/15/71	552
CAN.ON	Black spruce	Insect damage	Adelges spp. on black spruce	06/15/71	553
CAN.ON	Jack pine	Mouse damage	Mouse damagee on jack pine in dense regeneration from seeding. N.B. height of feeding - mice tunnelling through snow. Dryden Paper Co.	06/15/71	554
CAN.ON	Jack pine	Natural seeding - scarification	Jack pine 40-50% stocking after scarification(pads & chains) 1963. Ht. 3-7ft. Camp 17, Dryden Paper Co. Person is Fred Robinson.	06/15/71	555
CAN.ON	Jack pine	Natural seeding - scarification	Jack pine 70-80% stocking after scarification(pads & chains). Camp17Dryden Paper Co. cf slide #555	06/15/71	556
CAN.ON	Jack pine	Natural seeding	General view of Camp 17 area. Dryden Paper Co. cf slides # 555 & 556	06/15/71	557
CAN.ON	Jack pine	Clearcutting	Clearcutting in wet hollow/bedrock; conclusion it should have been strip cut.	06/15/71	558
CAN.ON	Jack pine - black spruce	Clearcutting	Clearcutting of productive stand(N.B. amount of slash) on shallow over bedrock. Dryden Paper Co.	06/15/71	559
CAN.ON	Jack pine	Natural seeding -scarification	Scarified 1964 for natural. Jack pine 3-5ft. at 7 yrs. Firesteel R. Thunder Bay. N.B. competition	06/15/71	560
CAN.ON	Black spruce	Strip cutting	Black spruce strip cut(Modified Harvest Cutting, MHC) 1960. No site preparation. N.B. regeneration at 11 yrs. Shebandowan, Thunder Bay	06/15/71	561
CAN.NB	Red spruce	Frost heaving	Red spruce planted 1969, frost heaved after 2 yrs. J.D.Irving, Mtn. View Road. Sackville	06/15/71	562
CAN.NB	Jack pine	Regeneration- seeding	Jack pine 4 yrs after winter seeding (1967)from skidoo.Site preparedby Marden chopper 1966. J.D.Irving, Aboushagan, Sackville	06/15/71	563
CAN.NB	Red spruce	Plantation	Red spruce on old field. J.D.Irving, Sussex. Not planted by Irving	06/15/71	564
CAN.NB	Black spruce	Plantation	Black spruce planted 1956 at 15 yrs. Butler Farm, Buctouche, J.D. Irving. Person is Neils Kriebberg.	06/15/71	565
CAN.NB	Jack pine	Plantation	Machine planted 2+0 jack pine 1969, at 2 yrs. N.B. heavy grass. Bastarache Lot, Buctouche, J.D.Irving	06/15/71	566
CAN.NB	Jack pine	Planting	Planting jack pine bare root with "FinnForester", J.D.Irving, in an old field, Buctouche. N.B. line to show spacing	05/15/71	567
CAN.NB	Jack pine	Plantation	Old field planting of jack pine with "FinnForester"(cf slide #567) Buctouche, J.D.Irving	05/15/71	568
CAN.ON		Planting container	Pottiputki for planting paper pot container seedlings. Person is David Spicer(Forest technician, U.oFT.)	06/15/71	569
CAN.ON	Hard maple	Windthrow	Widthrown large hard maple on deep till. N.B. Compactness of root system and lack of deep going large roots. cf. pine, oak etc	05/15/71	570
CAN.ON	Jack pine	Shoot discoloration	Chlorosis of shoots at time of new shoot elongation. Plonski Forest natural stand	06/15/71	571
CAN.ON	Jack pine	Cronartium canker	Sweetfern blister rust(C.comptoneae) on five-year old natural jack pine. N.B.Swelling and aeciospores on stem above root collar. Englehart Management Unit	07/15/71	572
CAN.ON	Jack pine	Cronartium canker	Aeciospores and canker in 50 yr-old naturaljack pine. Englehart Management Unit	07/15/71	573
CAN.ON	Lodgepole pine	Cronartium canker	Aeciospores in lodgepole pine 2+1 transplants at Swastika Nursery, Englehart Management Unit. N.B. seedlings were infected in seed beds	07/15/71	574
CAN.ON	Lodgepole pine	Cronartium canker	Cronartium canker in lodgepole pine raised as 2+0 seedlings at the Swastika Nursery and outplanted 1970. Photo after one year in field.Englehart Management Unit	06/15/71	575
CAN.ON	Jack pine	Instability-roots	Leaning trees("gear stick" trees). Bareroot jack pine planted with sandvik hoes in 1964. Photo 1971. Asymetric roots make tree unstableespecially when crowns are heavy with wet snow. Davidson	07/15/71	576
CAN.ON	Jack pine	Root system	Root system of jack pine bare root planted with Sandvik hoe after 4 seasons. N.B. asymetric roots. cf Slide #576. Davidson Twp. Englehart Management Unit	07/15/71	577
CAN.ON	Yellow birch	Site preparation	Area scarified for natural regeneration of yellow birch, after logg-ing; French Twp. North Bay. cf Slide # 579	09/15/71	578
CAN.ON	Yellow birch	Regeneration	Regeneration from natural seeding on scarified patch four years after site reparation. French Twp. North Bay. cf Slide #578	09/15/71	579
CAN.ON	Yellow birch	Progressive stripcut regeneratior	Natural regeneration after progressive strip cutting in yellow birchfollowed by scarification. Photo ca. 5 yrs after treatment. Mulock Twp. North Bay	09/15/71	580
CAN.ON	Red pine	Planting	Red pine, plante 1969, 3 yrs later in patch cut of white/red pine, Shiningwood Bay, Temagami. cf Slide #454	09/15/71	581
CAN.ON	White pine	Natural regeneration	White pine seedling 1yr. natural after patch cutting 3 yrs prior. Shiningwood Bay, Temagami	09/15/71	582
CAN.ON	White pine	Windthrow	Lake Temagami shoreline on Bear Island after tornado of 1970, Photo one year later after salvage harvesting. Bear Island Temagami	09/15/71	583
CAN.ON	White pine	Stripclearcutting	Natural advance growth, established before strip cut, 6yrs after cutJoan Peninsula, Temagami. cf Slide #447	09/15/71	584
CAN.ON	White pine	Strip clearcutting	White pine regeneration in strip adjacent to last residual strip. Joan Peninsula, Temagami	09/15/71	585
CAN.ON	White Pine	Strip clearcutting	Oldest strip cut, with regeneration N.B.red pine, and last residual uncut strip. Joan Peninsula, Temagami	09/15/71	586
CAN.ON	White pine	Strip clearcutting	Sequence across strips from most recent to the last residual in the background. Joan Peninsula, Temagami	09/15/71	587
CAN.ON	White pine	Strip clearcutting	Most recent strip cut(1971) showing amount of advanced regeneration already established. Joan Peninsula. Temagami	09/15/71	588
CAN.ON	Jack pine	Plantation - site prepn.	Clearcut 1968(cf slide #227); prescribe burned 1969; barreled and planted 1970 with 2+0 jackpine. Dunmore Twp. Englehart Management Unit	09/15/71	589
CAN.ON	Jack pine	Plantation	Jack pine(2+0), planted 1970 on area clearcut 1968, prescribe burned1969, & planted 1970. cf slide #589. Dunmore Twp.Englehart ManagmentUnit	09/15/71	590
CAN.ON	Jack pine	Plantation	Jack pine planted ca. 3yrs. on EMU north rd. in Dunmore Twp. Mike Chaudhry the unit forester claimed this was his fastest growing pineat 45-50cm.yr. Englehart Man. Unit	09/15/71	591
CAN.ON	Jack pine	Plantation	Plantation of tube jack pine planted 1968 after clearcutting, and prescribed burn. cf slides #216,229,469. Terry wp. Englehart Man. Unit	09/15/71	592
CAN.ON	White spruce	Plantation	White spruce planted on slope of paper birch facing Caribou Lake(bayof Watabeag Lake) to provide better visual from lake view. Terry TwpEnglehart Management Unit	09/15/71	593
CAN.ON	White spruce	Plantation	White spruce with heavy competition ca. 4 yrs after planting. Nordica Twp. Englehart Man.Unit	09/15/71	594
CAN.ON	Jack pine	Plantation - roots	Jack pine 2+0 planted 1964, 7 yrs after. root system shows asymetry cf. slides 576, 577. Davidson Twp. Englehart Management Unit	09/15/71	595
CAN.ON	Jack pine	Plantation	Jack pine 2+0 planted 1964 after clearcutting and site prepn'(barreled 7 yrs.cf.slide #148. Davidson Twp. Englehart Man.Unit	09/15/71	596
CAN.ON	Jack pine	Plantation	Jack pine tubes at 6yrs (planted 1966 after planting on clearcut and burned. N.B. natural volunteers. Willson Twp. Englehart ManagementUnit	09/15/71	597
CAN.ON	Jack pine	Plantation	Jack pine tubes planted 1966 on area clearcut & burned. N.B. growth Willson Twp. Englehart Management Unit	09/15/71	598
CAN.ON	Black spruce	Planting- herbicide	Black spruce 1.5+1.5, planted July 1971, on plot treated with Dybar & simazine in 1970. Sharpe Twp. Englehart Man. Unit Prof. Day expt.	09/15/71	599
CAN.NB	White spruce	Plantation	White spruce planted 1967, after 4yrs, 1m.ht. Big Forks Ridge, J.D.Irving, Black Brook. cf. slides#169 & 462	06/15/71	600
CAN.NB	Jack pine	Plantation-in yard	Jack pine planted in 1966 on log yard(all organic matter removed; htn 1970 2m. cfwth comparable response of white and red spruce. Old Camp 2, Black Brook	06/15/71	601
CAN.ON	White spruce	Plantation	White spruce planted 1966, after 5 growing seasons. red spruce in background of 601b. Old Camp 2, Black Brook, J.D.Irving	06/15/71	602
CAN.NB	White spruce	Plantation	White spruce planted 1965,after 5 yrs gwth Skin Gulch, Black Brook, J.D.Irving cf slides #186 & 187	06/15/71	603
CAN.NB		Cold air pattern	En route to Black Brook 07:00hrs N.B. cold air in valleys. J.D.Irving	09/15/71	604
CAN.NB	Hard maple	Natural patterns	Hardwood ridges in Black Brook area cf. slide #604 to see cold air patterns. J.D.Irving	09/15/71	605

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.NB	Red spruce	Plantation in yard	Canadian Institute of Forestry tour Camp 16, Black Brook, J.D.IrvingN.B. slow growth of red spruce in foreground on log yard area. cf.slide #601	09/15/71	606

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.NB	White spruce	Plantation	White spruce planted 1968,after 3 yrs. Camp 16, Black Brook, J.D. Irving.N.B.Grass. cf slide #399	09/15/71	607
CAN.NB	Black spruce	Plantation	Black spruce planted 1965, after 6 yrs. Camp 16, Black Brook, J.D. Irving. cf slides #396 & 397	09/15/71	608
CAN.NB	White spruce	Plantation	White spruce planted 1965, 1964 plantation in background. CIF meeting. Veneer Hill, Black Brook, J.D.Irving	09/15/71	609
CAN.NB	White spruce	Bird damage	Debudding of white spruce planted 1964 by evening grosbeaks. Veneer Hill Black Brook, J.D.Irving.Person is Alex Jablanczy.	09/15/71	610
CAN.NB		The Irving Black Brook Story	Posters prepared for the CIF field meeting at Black Brook, 1971	09/15/71	611
CAN.NB	Hardwood	Clearcut	Hardwood clearcut and ready for crushing, prior to being planted with spruce. Black Brook, J.D.Irving.	09/15/71	612
CAN.NB	White spruce	Plantation landscape	Aerial view of pattern of clearcuts and plantation; 1966 along the Stewart Hwy, 1970 behind with leg to Hwy. Big Forks Ridge, Black Brook, J.D.Irving	09/15/71	613
CAN.NB	Black spruce	Plantation	Spruce plantations 1965(foreground), and 1970(background). Camp 16 Black Brook, J.D.Irving	09/15/71	614
CAN.NB	Black spruce	Plantation layout	Clearcut in hardwood 20 chain strips, with spruce plantings 1965, 1968 and 1970. N.B. road layout, cleared log yard and truck travelling on road(dust). Camp 16, Black Brook, J.D.Irving	09/15/71	615
CAN.ON	White pine	Foliage	Foliage age classes and needle fall. white pine, Parry Sound	10/15/71	616
CAN.ON		Planting machine	Prototype planting machine(Ont.Lands & Forests)	10/15/71	617
CAN.ON		Planting machine	Photos of Ont. Lands and Forests prototype machine in operation	10/15/71	618
CAN.BC	Douglas fir	Thinning	Clearcut 1946, natural regeneration of Douglas fir at 20 yrs,thinned from 2430 to 510 trees/acre in 1965. Shawinigan Div. Macmillan Bloedel, Vancouver Island	10/15/71	619
CAN.BC	Douglas fir	Clearcut - natural regeneration	Clearcut and burned 1945, followed by natural regeneration, photo at 26 yrs. Shawinigan Division, Macmillan Bloedel, Vancouver Island	10/15/71	620
CAN.BC	Douglas fir	Clearcut	Logged 1969, slash burned 1970, planted with Douglas fir 2+0,1971 at 510 trees/ac. Shawinigan Division, Macmillan Bloedel, Vancouver Isl.	10/15/71	621
CAN.BC	Douglas fir	Clearcut	Logged 1969, slash burned 1970, planted with Douglas fir 2+0, 1971 at 510 trees/ac.	10/15/71	622
CAN.BC	Douglas fir	Planting - container	BC/CFS Styroblock Douglas fir 1+0 container seedlings and planting equipment. Shawinigan Division, Macmillan Bloedel, Vancouver Island	10/15/71	623
CAN.BC	Douglas fir-cedar-hemlock	Clearcut	Clearcut in 360+ yr stand of Douglas fir, western red cedar & hemlock. Shawinigan Division, Macmillan Bloedel, Vancouver Island	10/15/71	624
CAN.BC	Douglas fir	Logging	Skagit mobile grapple yarder operating in 360+ yrs Douglas fir. Shawinigan Division, Macmillan Bloedel, Vancouver Island	10/15/71	625
CAN.BC	Douglas fir	Logging	Skagit mobile grapple yarder. Shawinigan Division, Macmillan Bloedel, Vancouver Island	10/15/71	626
CAN.BC	Douglas fir	Logging	Skagit mobile grapple yarder. 290 h.p.; 275 pieces/5hr shift. Shawinigan Division, Macmillan Bloedel, Vancouver Island	10/15/71	627
CAN.BC	Douglas fir	Logging	Mobile backspar for Skagit grapple yarder. Shawinigan Division, Macmillan Bloedel, Vancouver Island	10/15/71	628
CAN.BC	Douglas fir	Logging	Backspar and loading (Inslay loader) at Shawinigan Division, Macmillan Bloedel, Vancouver Island	10/15/71	629
CAN.BC	Douglas fir	Logging	Madill mobile spar used at UBC Forest, Haney(Maple Ridge)	08/15/63	630
CAN.BC	Douglas fir	Logging	Logs from harvesting blow down(Nov. 1962) 70 yr old Douglas fir. UBC Forest Haney (Maple Ridge)	08/15/63	631
CAN.BC	Douglas fir/cedar/hemlock	Over-mature	Partial logging in 350+ yr over-mature stand of Douglas fir, red cedar and hemlock, Shawinigan Division, Macmillan Bloedel, Vancouver Isl.	10/15/71	632
CAN.BC	Douglas fir	Clearcut	Douglas fir/cedar/hemlock 350+ yrs, clearcut, cf Slide # 632. Shawinigan Division, Macmillan Bloedel, Vancouver Island	10/15/71	633
CAN.BC	Douglas fir	Plantation	Douglas fir planted 1963 at 10'x10' spacing after clearcutting. Shawinigan Division, Macmillan Bloedel, Vancouver Island	10/15/71	634
CAN.BC	Douglas fir	Clearcutting	Patch clearcutting in Douglas fir. N.B. older regenerated patch in background, recent cut in foreground and residual forest. Shawinigan Division, Macmillan Bloedel, Vancouver Island	10/15/71	635
CAN.BC	Douglas fir	Regeneration-natural	Natural regeneration of Douglas fir, cedar, balsam and hemlock at 15-20 yrs after clearcutting. Shawinigan Division, Macmillan Bloedel, Vancouver Island	10/15/71	636
CAN.BC	Grand fir	Insect damage	"Balsam woolly aphid damage on A.grandis. N.B. adjacent hemlock. Shawinigan Division, Macmillan Bloedel	10/15/71	637
CAN.BC	Douglas fir	Large tree	Douglas fir 750+ yrs left during logging at Shawinigan Division, Macmillan Bloedel.Ht.222ft.; Dbh12.5ft., 108ft. to first limb	10/15/71	638
CAN.BC	Douglas fir	Large tree	Douglas fir 750+ yrs left during logging at Shawinigan Division, Macmillan Bloedel, Vancouver Island. Ht.222ft.Dbh12.5ft. 13000cu.ft.	10/15/71	639
CAN.BC	Douglas fir	Large tree	Douglas fir 750+ yrs left after logging. Ht. 222ft. Dbh12.5ft.13,000 cu.ft. Shawinigan Division, Macmillan Bloedel, Vancouver Island	10/15/71	640
CAN.BC	Douglas fir	Plantation	Douglas fir plantation planted 1965, at 6 yrs. Shawinigan Division, Macmillan Bloedel, Vancouver Island	10/15/71	641
CAN.BC	Douglas fir	Thinning	Natural regeneration of Douglas fir, after clearcutting, thinned at 16 yrs. Shawinigan Division, Macmillan Bloedel, Vancouver Island	10/15/71	642
CAN.BC	Douglas fir	Plantation	Macmillan Bloedel's first plantation, planted 1954. Ht. 25ft. @ 17yrShawinigan Division, Macmillan Bloedel, Vancouver Island	10/15/71	643
CAN.BC		Log sorting	Log sort(water) at Cowichan Bay. N.B. number of sorts and the use of the "bumper" boats. Macmillan Bloedel	10/15/71	644
CAN.ON	Hybrid poplar	propagation	Cottonwood hybrids @ 1yr ready for propagation. Orono Nursery. N.B. UT forestry class	10/15/71	645
CAN.ON	White pine	Tree improvement	White pine seed orchard at 5Yrs. Orono nursery	10/15/71	646
CAN.ON	White spruce	Tree improvement	"Super seedling" selection in white spruce 2+2 stock. Orono Nursery	10/15/71	647
CAN.ON	Hardwoods	Logging	hardwood selection cut Feb/71. N.B. low slash piles(for rabbits) Wellington Co.,Little Tract.	10/15/71	648
CAN.ON	Hardwood	Clearcut	hardwood clearcut in 1918 for fuelwood. Photo 53 yrs later. Species-hard maple, ash, walnut, oak spp. Benner woodlot, nr. Aylmer	10/15/71	649
CAN.ON	Hardwood		White's bush stand, N.B. quality of large beech. White's Bush, Aylmer	10/15/71	650
CAN.ON	White pine		White pine in White's bush, evidence of disturbance. White's Bush, Aylmer	10/15/71	651
CAN.ON	Hardwood		Hardwood, N.B. beech. person is George Velema. White's Bush, Aylmer	10/15/71	652
CAN.ON	Hardwood	Clearcut	Small clearcut 1-2ac for natural regeneration. White's Bush, AylmerPerson ?	10/15/71	653
CAN.ON	Black walnut	Large tree	Black walnut sold at auction for \$5050 on stump. Ht.40ft. Dbh 32in. Finch Bush, Aylmer	10/15/71	654
CAN.ON		Log auction	Forest Exchange Ltd. Fall log auction; buyers from USA, France, Belgium and Germany. St. Thomas	10/15/71	655
CAN.ON	Hardwood	Girdling	Basal girdling for stand improvement. McKay Forest, nr. St. Thomas	10/15/71	656
CAN.ON	Hardwood	Stand structure	General view of McKay Forest, nr. St. Thomas	10/15/71	657
CAN.ON		Site preparation	Martini plow used in Finland	01/15/72	658
CAN.ON	White spruce	Seedlings - tubed	Tubed white spruce seedlings at 63 days from germination	01/15/72	659
CAN.ON		Tree seed	Ontario Tree Seed Plant at Angus	01/17/72	660
CAN.ON		Tree seed	Jack pine cones drying in seed plant at Angus	01/15/72	661
CAN.ON		Tree seed	Black spruce cones drying at Angus tree seed plant	01/15/72	662
CAN.ON	White spruce	Tree improvement	Grafted white spruce at the Angus Tree seed plant	01/15/72	663
USA.NC	White pine	Plantation	Beginning of Old Orchard Plantation established by Carl Schenk, 1899view of wattles used to prevent erosion prior to planting white pinePhoto US Forest Service. Biltmore Forest NC	02/15/72	664
USA.NC	White pine	Plantation	Old Orchard plantation(Biltmore Forest) 1916 after thinning; 1543cu ft/acre, ht.38ft. Dbh4.6in. Photo US Forest Service	02/15/72	665
USA.NC	White pine	Thinning	Old Orchard plantation, 1923 after thinning. 1615 cu.ft./acre;ht46ftDbh5.7in. Photo US Forest Service. Biltmore Forest	02/15/72	666

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
USA.NC	White pine	Thinning	Old Orchard plantation after thinning 1929, 2258cu.ft. ht.53ft. Dbh 6.9in. Photo US Forest Service,Biltmore Forest	02/15/72	667
USA.NC	White pine	Thinning	Old Orchard plantation after thinning 1942.2519cu.ft.Ht.68ft.Dbh9.4 Photo US Forest Service, Biltmore Estate	02/15/72	668
USA.NC	White pine	Thinning	Old Orchard plantation in 1971 after thinning, 7000cu.ft. Ht 98ft. Dbh 16in. Photo US Forest Service, Biltmore Forest	02/15/72	669
USA.NC	White pine	Plantation	Old Orchard plantation in 1972 Biltmore Forest. Photo KAA	02/15/72	670
USA.NC	White pine	plantation	White pine plantation planted 1905. at 1966, 60 yrs. Ht.90ft. Photo Mike Meagher	03/15/66	671
CAN.ON	Jack pine	Natural regeneration	Jack pine cone and seedlings from cone seed. Photo R.J.Fessenden	09/15/71	672
CAN.ON	Jack pine	Armillarea	Jack pine killed by Armillarea mellea. Photo R.J.Fessenden	09/15/71	673
CAN.ON	Jack pine	Site preparation	Pads and chains used in site preparation for natural regeneration ofjack pine. Sioux Lookout. Photo Bill Kuzemczak	06/15/72	674
USA.GA	Slash pine	Natural seeding	Slash pine seeded 1947. Spacing trial, established 1951(see Collins,1967 paper). Person is Prof. R.J.Day. Photo Mike Meagher	08/15/66	675
USA.GA	Slash pine	Naval stores	Slash pine stand used for naval stores(turpentine production etc) Georgia. Photo Mike Meagher	04/15/66	676
USA.GA	Slash pine	Naval stores	Slash pine with new face for turpentinaing, Georgia. Photo Mike Meagher	03/15/66	677
USA.GA	Slash pine	Naval stores	Turpentinaing face on slash pine. Photo Mike Meagher	04/15/66	678
USA.GA	Slash pine	Naval stores	Old face and new face for turpentinaing on slash pine.Photo Mike Meagher	04/15/66	679
USA.GA	White & Shortleaf pine		White pine and shortleaf pine(P.echinata), 61 yrs old. Ht. 90ft. Photo Mike Meagher	04/15/66	680
USA.GA	Shortleaf pine	Stand	Matyre and young shortleaf pine, Georgia. Photo Mike Meagher	04/15/66	681
USA.GA	Shortleaf pine	Stand	Mature shortleaf ca. 60yrs, Ht. 90ft, Dbh 24in. mixed with hardwoodsPhoto Mike Meagher	04/15/66	682
USA.GA	Loblolly pine	Cones	Loblolly cones and male strobili. Photo Mike Meagher	04/15/66	683
USA.GA	Loblolly pine		Young loblolly pine ca. 25ft. Photo Mike Meagher	04/15/66	684
USA.GA	Loblolly pine	Shelterwood harvest	Shelterwood harvest in loblolly pine . N.B. hardwoods. Photo Mike Meagher	04/15/66	685
USA.GA	Longleaf pine	Foliage	Foliage of longleaf pine(Pinus palustris). Photo Mike Meagher	04/15/66	686
USA.GA	Longleaf pine	Plantation	Longleaf pine planted 1957 at 8yrs. Photo Mike Meagher	04/15/66	687
USA.GA	Longleaf pine	Plantation	Longleaf pine planted 1955 at 10 yrs. Ht. 40ft.,Dbh7in. Photo Mike Meagher	04/15/66	688
USA.GA	Longleaf pine	Tree form	Individual tree form and crowns of longleaf pine. Photo Mike Meagher	04/15/66	689
USA.GA	Longleaf pine	Prescribed burn	Prescribed fire used to control understory hardwood competition in a longleaf pine stand. Photo Mike Meagher	04/15/66	690
USA.GA	Longleaf pine	Logging	Longleaf pine recent logging. will be burned and planted after two years. Person is Prof. R.J.Day. Photo Mike Meagher	04/15/66	691
USA.NC	Hardwoods	Loading pulpwood	Loading hardwood pulpwood - by hand!. Photo Mike Meagher	04/15/66	692
USA.NC	Hardwoods	Clearcut	Fifty acre clearcut, two yrs after cutting N.B. sprouts. person is Prof. R.J.Day. Photo Mike Meagher	04/15/66	693
USA.WV	Sycamore	trees	Sycamore and black birch . Photo Mike Meagher	04/15/66	694
USA.GA	Sycamore	Plantation	Sycamore plantation at five yrs. from cuttings in bottomland. Has been fertilized with NPK. Photo Mike Meagher	04/15/66	695
USA.GA	Sweetgum	Plantation	Sweetgum(Liquidambar styraciflua) plantation at five yrs. Ht.20ft. Photo Mike Meagher. Person is Prof. R.J.Day	04/15/66	696
USA.GA	Tulip poplar	Thinning	Tulip poplar(Liriodendron tulipifera) that has been thinned. S.I.at 50 yrs 94. Photos Mike Meagher	04/15/66	697
DEN.	Ash - Norway spruce	Plantation	European ash(F.excelsior) and Norway spruce plantation, nr. Arhus. Photo Mike Meagher	04/15/63	698
CAN.BC	Douglas fir	Logging	Clearcutting in Douglas fir on west coast to show logging pattern from spar tree-high lead system.Photo Mike Meagher	09/15/64	699
USA.NC	Hardwoods	Clearcut	Hardwoods clearcut in 1934, now 32 yrs old. S.I.(50) is 94ft. Photo R.J.Day, person is Mike Meagher	04/15/66	700
USA.NC	Hardwoods	Landscape	General view of lands on the Biltmore Estate. Photo R.J.Day	04/15/66	701
USA.NC	Hardwoods	Stand structure	Hardwoods with rhododendron understory. Photo R.J.day	04/15/66	702
CAN		Harvesting	Comparison of shortwood and while tree harvesting as perceived in the late 1960's.	06/15/70	703
CAN.ON	Jack pine	Thinning	Jack pine at 22yrs(from 1948 Chapleau fire). Peshu Lake	07/15/70	704
CAN.ON	Jack pine	Thinning	Jack pine at 22yrs from 1948 Chapleau fire. N.B. strip thinning. UNthinned stand at right was used for aerial fertilization. N.B. the dead trees(killed with cacodylic acid).Peshu Lake	07/15/70	705
CAN.ON	Jack pine	Thinning	Mechanical strip thinning in 22yr old jack pine. N.B. dead jack pinein unthinned stand used for markers in aerial fertilization trial. Peshu Lake	07/15/70	706
CAN.ON	Jack pine	Thinning	Ground view of mechanical thinning in 22yr old jack pine from 1948 Chapleau fire. Only border trees showed growth response. Peshu Lake	07/15/70	707
CAN.ON	Hardwood	Deer yard	Hardwood clearcut in 1935-38. Now a deer yard. Hindon Twp.	03/15/72	708
CAN.ON	Hardwoods	Deer yard	Girdling with chainsaw(1968) of hardwoods to provide browse. Hindon Twp.	03/15/72	709
CAN.ON	Hardwoods	Deer yard	Deer path in deer yard area. Hindon Twp.	03/15/72	710
CAN.ON	Hardwoods	Deer yards	Comparison of uncut and areas cut in 1968 to provide deer browse. Hindon Twp	03/15/72	711
CAN.ON	Hardwoods	Selection cutting	Deer in area recently selection cut. Hindon Twp. N.B.deer feeding ontops	03/15/72	712
CAN.ON	Black spruce	Plantation	Harvested 1968, planted with black spruce 3+0, 1971. Doley lake, DogRiver. Photo 1972. N.B.planted seedling	06/15/72	713
CAN.ON	Black spruce	Plantation	Black spruce 3+0 planted 1971. Closeup of planted seedling and a white spruce natural(frost damaged). Doley lake, Dog River. cf. #713	06/15/72	714
CAN.ON	Jack pine	Clearcut	Jack pine clearcut using a Koehring Processor. Great lakes Camp#511 (now Avenor). Dor River	06/15/72	715
CAN.ON	Black spruce	Clearcut	Area clearcut using Koehring Processor. Lowland planting trial with black spruce. Person is Richard Clarke. Dog River	06/15/72	716
CAN.ON	Jack pine	Site preparation	Sign by Great Lakes Paper(now Avenor) of area site prapared for natural seeding. Dog River	06/15/72	717
CAN.ON	Jack pine	Natural regeneration	Natural regeneration from cones after scarification following clear cutting. Cut 1967, scarified 1968. Photo 1972. Person is Richard Clarke. Cutoff Rd. Dog River	06/15/72	718
CAN.ON	Jack pine	Plantation	Jack pine planted 1967 on area cut and then had a fire. Ht.5-6ft. Dog River	06/15/72	719
CAN.ON	Black spruce	Strip clearcut	Strip clearcut(2chains width) for natural black spruce. Person is Rich Clarke. N.B. seedling. Shebandowan	06/15/72	720
CAN.ON	Black spruce	Strip clearcut	Strip clearcut(2 chains) in 1967-68. View of stump, ground vegetation and black spruce seedling(3yrs). Shebandowan.cf. slide #720	06/15/72	721
CAN.ON	Black spruce	Natural regeneration	Natural regeneration of balck spruce in sphagnum. Shebandowan	06/15/72	722
CAN.ON	Jack pine	Thinning	Jack pine seeded in 1966 after logging. Thinned 1972 to ca. 1000/ac.Vrooman Twp. Gogama	06/15/72	723
CAN.ON	Jack pine	Seeded	Jack pine, scarified and seeded 1962. Photo 1972.person is Ken Cleary. Benneweis Twp. Gogama	06/15/72	724
CAN.NB		Planting machine	Finn forester planting machine at Buctouche, J.D.Irving. persons areNiels Kreiberg and Art Boudreau.	06/15/72	725
CAN.NB		Planting machine	Finn forester planting machine used by J.D.Irving at Buctouche	06/15/72	726

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.NB		Machine plaanting	machine planting using a Lowther planter. McNaim property. Buctouche, J.D.Irving	06/15/72	727

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.NB		Machine planting	Machine planting using Lowther planter pulled by a Bombardier. J.D. Irving, Buctouche	06/15/72	728
CAN.NB		Planting machine	Lowther planter showing coulters etc. J.D.Irving, Buctouche	06/15/72	729
CAN.ON	Red pine	Root disease	View of red pine root and Armillaria mellea rhizomorphs - "shoe-string" fungus	06/15/72	730
CAN.ON	White pine	Rust rust	Blister rust(Cronartium ribicola) aeciospores. N.B. where mice have chewed the bark & aeciospores.	06/15/72	731
CAN.ON	Red pine	Disease- Scleroderis	Red pine killed by Scleroderis lagerbergii. North bay	09/15/72	732
CAN.ON	Red pine	Disease- Scleroderis	Dead branches due to Scleroderis lagerbergii. North Bay	09/15/72	733
CAN.ON	Yellow birch	Strip clearcutting	Uncut forest Mulock Twp. North Bay	09/15/72	734
CAN.ON	Yellow birch	Natural regeneration	Strip clearcut 1966-67, then scarified; photo five yrs later. N.B. hard maple and yellow birch regeneration. Person is Bob Fessenden. Mulock Twp. North bay of slides # 733 & 736	09/15/72	735
CAN.ON	Yellow birch	Natural regeneration	Yellow birch in area strip clearcut 1962, 10 yrs later. Mulock Twp. North bay	09/15/72	736
CAN.ON	White pine	Trail	Trail to small patch cutting. Shiningwood Bay, Temagami	09/15/72	737
CAN.ON	White pine	Strip clearcut	View from Lake Temagami of shoreline in front of strip clearcut. Shiningwood Bay, Temagami	09/15/72	738
CAN.ON	Red pine	Plantation	Red pine three yrs after planting in small patch cuts, Shiningwood Bay Temagami	09/15/72	739
CAN.ON	Red pine	Browse damage - snowshoe hare	Browsing by snowshoe hare on red pine 3 yrs after planting in small patch cuts. Shiningwood Bay, Temagami. cf. slide #738	09/15/72	740
CAN.ON	White pine-red pine		White/red pine 250+ yrs old. Shiningwood Bay. Temagami. N.B. dead trees and large openings.	09/15/72	741
CAN.ON	Black walnut	Plantation	Black walnut five yrs. after planting on old field using site prep'n with simazine. Coulson tract. SW Ontario	06/15/72	742
CAN.ON	Black walnut	Site preparation	Effects of site prep'n (cultivation + simazine) on right (large trees) and no site prep'n on left (small trees). Coulson Tract, SW Ontario	06/15/72	743
CAN.ON	Black walnut	Mice protection	Tree guard use to protect newly planted trees against mice. Not effective! Coulson tract, SW Ontario	06/15/72	744
CAN.ON	Jack pine	Plantation	Jack pine planted at Caribou Lake (Watabeag L.) showing effect of aspect hardwoods on NE facing the lake, larger pine to right facing SW. Terry Twp. Englehart Management Unit	09/15/72	745
CAN.ON	Jack pine	Plantation	Jack pine 2+0 planted 1965, photo 1972 after 7 yrs. Burt Twp. Person is Dick Fisher. Burt Twp. Englehart Management Unit	09/15/72	746
CAN.ON	Jack pine	Plantation	Jack pine planted 1969 after clearcutting, prescribed fire and site prep'n with barrels. 3 yrs after planting. Dunmore Twp. Englehart Management Unit	09/15/72	745
CAN.ON	Jack pine	Thinning	Strip thinning done in 1969 in 21 yr old jack pine. Photo three yrs later. Peshu lake	06/15/72	748
CAN.ON	Jack pine	Thinning	Strip thinning (cut 12ft, leave 20ft.) in 45 yr old jack pine. Ht. 47' BA 120sq.ft. Chapleau Twp.	06/15/72	749
CAN.ON	Jack pine	Thinning	Strip (12ft) after thinning in 45 yr old jack pine. Chapleau Twp. cf slide #749	06/15/72	750
CAN.ON	Jack pine		Decadent 120 yr old jack pine. Nimitz Twp. Chapleau	06/15/72	751
CAN.ON	Jack pine	Site preparation	Effects of double row Bracke scarifier use done on area clearcut and burned 1971, Cost \$12/acre. Nimitz Twp. Chapleau	06/15/72	752
CAN.ON	Jack pine	Site preparation	Scalp resulting from use of Bracke cultivator used fall 1971, photo 1972. Nimitz Twp. Chapleau	06/15/72	753
CAN.ON	Jack pine	Natural regeneration	Jack pine in June 1972 after site prep'n with Bracke cultivator in Fall 1971. Nimitz Twp. Chapleau, cf slides #752 & 753	06/15/72	754
CAN.ON	Jack pine	Landscape	View from top of dune looking towards Caribou Lake, Terry Twp. Englehart Management Unit. cf slide # 745	09/15/72	755
CAN.ON	Jack pine	Plantation	Class of UT Forestry 1973 at Terry Twp. Englehart Management Unit	09/15/72	756
CAN.ON	Jack pine	Nelder Plot area	View of location of Nelder Plot in Terry Twp. Englehart Management Unit.	09/15/72	757
CAN.ON	Jack pine	Nutrient deficiency	Chlorotic foliage on jack pine planted in area where all organic material has been removed. Terry Twp. Englehart Management Unit	09/15/72	758
CAN.ON	Jack pine	Squirrel activity	Mushrooms stuck in jack pine foliage by squirrels (food storage?) But Twp. Englehart Management Unit.	09/15/72	759
USA.NY	White pine	Old trees	White pine 300 yrs in reserve area. Pack Forest, Warrensburg NY	08/15/72	760
USA.NY	White pine	Old growth	"Primitive" area of white pine and hemlock ca. 50 acres. Pack Forest Warrensburg NY	08/15/72	761
CAN.ON		Recreation	Sign in Pack Forest, Warrensburg NY. N.B. This notice is bound to antagonize!	08/15/72	762
USA.NY	White/red/jack pines	Plantation	General view of plantations of white, red and jack pines. Pack Forest Warrensburg NY	08/15/72	763
USA.NY	Red pine	Nutrient deficiency	Sven Heiberg's original potassium deficient red pine plot. See Heiberg & Loewenstein, 1958 and Heiberg and White 1951. Pack Forest Warrensburg NY	08/15/72	764
USA.NY	Norway spruce	Nutrient deficiency	32 yr old Norway spruce suffering from potassium deficiency. Pack Forest, Warrensburg NY. Person is Professor Ed White of SUNY	08/15/72	765
USA.NY	Red pine	Nutrient deficiency	Potassium deficient red pine. Ed White's expt. N.B. sweep of stems which Ed says is symptomatic of the potassium deficiency. Pack For. Warrensburg NY	08/15/72	766
USA.NY	Red pine	Irrigation	Irrigation expt. in red pines at Pack Forest, Warrensburg	08/15/72	767
USA.NY	Red pine	Roots	DR. Al Leaf of SUNY, Syracuse describing his study on red pine roots, Pack Forest, Warrensburg	08/15/72	768
USA.NY	Red pine	Disease	Red pine killed by Fomes annosus. Pack Forest Warrensburg	08/15/72	769
CAN.ON	White pine	Disease	Semimature needle blight in white pine. Parry sound, Georgian Bay	06/15/72	770
CAN.ON	White pine	Disease	Semimature needle blight on white pine. Parry Sound, Georgian Bay	06/15/72	771
CAN.ON	Jack pine	Insect	Pitch nodule maker, Petrova abicapitana on jack pine. Englehart Management Unit	06/15/72	772
CAN.ON	Jack pine	Tubeling	Ontario tube at base of jack pine, six years after planting. Englehart Management Unit	06/15/72	773
CAN.ON	Jack pine	Disease	Sweet fern blister rust (Cronartium comptoneae) aeciospores on a young jack pine. Englehart Management Unit	06/15/72	774
CAN.ON	Jack pine	Clearcuts	Aerial view of cutovers. nr Gogama. N.B. regenerated older cut areas and cutover that has just been site prepared.	06/15/72	775
CAN.ON	Jack pine	Clearcut	Aerial view of clearcut that has been site prepared and planted. Englehart Management Unit	06/15/72	776
CAN.ON	Jack pine	Clear cut	Aerial view of clearcut that has been site prepared and planted. Swastika	06/15/72	777
CAN.NB	Hardwood	Site preparation	Letourneau crusher on hardwood cutover. J.D. Irving, Black Brook	09/15/72	778
CAN.NB	hardwood	Site preparation	Letourneau crusher on hardwood cutover and Thrush spraying herbicide on adjacent plantation. Black Brook, J.D. Irving	09/15/72	779
CAN.NB	Hardwood	Site preparation	Effect of crusher on forest floor. Black Brook, J.D. Irving. N.B. the "chopping action", but no other disturbance	09/15/72	780
CAN.ON		Plantation inspection	Helicopter used in inspections. Person is Niels Kreiberg. J.D. Irving	06/15/72	781
CAN.NB	White spruce	Frost damage	Late spring frost damage to planted white spruce. Black Brook, J.D. Irving	09/15/72	782
CAN.NB	White spruce	Frost damage	Frost damage on white spruce compare with adjacent black spruce with no damage. Perkins Brook, Black Brook, J.D. Irving	09/15/72	783
CAN.NB	White spruce	Frost damage	Closeup of frost damage on white spruce in slide #782	09/15/72	784
CAN.NB	Black spruce	Fertilization	Effect of fertilizer applied at time of planting in an old field. N.B. profuse growth of grass, not the spruce. Rolly Field, J.D. Irving	06/15/72	785
CAN.NB	Black spruce	Plantation	Black spruce planted 1965. Camp 16. persons are Lou Appleby of Weld wood and Martin Broeren of M&B. J.D. Irving	09/15/72	786
CAN.NB		Herbicide spraying	Thrush aircraft used for herbicide applications. J.D. Irving	09/15/72	787

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.NB		Herbicide spraying	Thrush aircraft demonstrating herbicide application	09/15/72	788

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.NB		Water bombing	B26 demonstrating water bombing. J.D.Irving	09/15/72	789
CAN.NB	Hardwood	Clearcuts	Aerial view of cutovers- regenerated by planting at Camp 63, J.D. Irving Miramichi. N.B. older and newer cutovers	06/15/72	790
CAN.NB	Hardwood	Cutover	Hardwood cutover ready for crushing. Miramichi, J.D.Irving. N.B. the amount of standing trees that will be crushed	06/15/72	791
CAN.NB	Hardwoods	Site preparation	View of site prepared and untreated but cutover area. N.B. residual white pine. Camp, 63, Miramichi, J.D.Irving	06/15/72	792
CAN.NB	Hardwood	Site preparation	Hardwood cutover with residual pine. site prepared and then seeded with jack pine. Camp 63, Miramichi, J.D.Irving	06/15/72	793
CAN.NB	Larch	Clearcut	Clearcut site prepared with Marden chopper and then planted with eastern larch(Juniper provenance). Hwy just south of Juniper. J.D. Irving	06/15/72	794
CAN.NB	Jack pine	Seeding	Aerial view hardwood, residual white pine cutover barrel scarified then seeded with jack pine(1972) Camp 63, Miramichi, J.D.Irving	06/15/72	795
CAN.NB	Jack pine	Seeding	Ground view of hardwood/residual white pine cutover, scarified with barrels and soded in winter 1972 with jack pine. Camp 63 Miramichi, J.D.Irving	06/15/72	796
CAN.NB	Jack pine	Seeding	Hardwood cutover, barrel scarified 1971, winter seeded with Skidoo 1972. Miramichi, J.D.Irving	06/15/72	797
CAN.NB	Jack pine	Seeding	Area clearcut, prescribed burn Fall 1971, winter seeded, Feb. 1972 Miramichi, J.D.Irving	06/15/72	798
CAN.NB	Jack pine	Fire- seeding	Deer Lake fire, 1970, seeded with jack pine 1972. Miramichi, J.D. Irving	06/15/72	799
CAN.NB	Black spruce	Tree improvement	Cuttings from selected black spruce in plantations at Camp 16 Black Brook, rooted and outplanted at Juniper Nursery. Slide #800c is of CIF members. Juniper, J.D.Irving	09/15/72	800
CAN.NB	Balsm fir-spruce	Spruce budworm	Aerial view of spruce budworm killed balsam fir and red spruce Miramichi, J.D.Irving	06/15/72	801
CAN.NB	White pine	Stand structure	Fire origin white pine with 2nd story of balsam fir - poplar. Camp 63 Miramichi, J.D.Irving cf slide 793	06/15/72	802
CAN.NB		Site preparation	Finned barrels used to site prepare areas, cf slides #795 & 796. Camp 63, Miramichi	08/15/72	803
CAN.NB	Black spruce	Plantation - paper pot	Black spruce seeded March 1972, outplanted July 1972, photo August 1972. Miramichi, J.D.Irving	08/15/72	804
CAN.NB	Black spruce	Plantation - paper pot	Black spruce paper pot, sown March/1972, outplanted July/1972, extr.from ground August 1972. N.B. degree of root development and location this is same seedling as slide 804. Miramichi, J.D.Irvin	08/15/72	805
CAN.NB	Jack pine	Plantation - paper pot	Jack pine paper pot seeded March 1972, outplanted July 1972, photo August 1972. N.B. minimal root development. cf. black spruce slide #805	08/15/72	806
USA.SE			Geology of Southeastern US	09/15/72	807
USA.SE			Soils of southeastern US	09/15/72	808
USA.SE			Forested lands of the southeastern US	09/15/72	809
USA.SE	Pine-oak		Forest types of the southeastern US	09/15/72	810
USA.SE			Water deficit for southeastern US	09/15/72	811
USA.SE			Damaging storms in southeastern US	09/15/72	812
USA.SE			Fire occurrence rates in southeastern US	09/15/72	813
USA.SE	Longleaf-shortleaf pines	Ranges	Ranges of longleaf(P.palustris) & shortleaf(P.echinata) in south-eastern US	09/15/72	814
USA.SE	Loblolly - slash pines	Ranges	Ranges of loblolly(P.taeda) and slash(P.elliotti) in southeastern US	09/15/72	815
CAN.ON	Conifer	Crown growth	Diagrams of growth sequences in conifers. courtesy Dave Fayle	12/15/72	816
CAN.ON	Conifers	Growth sequences	Profile of radial growth sequences. From Dave Fayle	12/15/72	81
CAN.ON	Conifer	Growth	Profile of radial growth and number of sequences. From Dave Fayle	12/15/72	818
CAN.ON	Conifer	Growth	Profile number and radial sequences. From Dave fayle	12/15/72	819
CAN.ON	Conifer	Growth	Construction of 3-dimensional array. From Dave Fayle	12/15/72	820
CAN.ON	Conifer	Growth	3-dimensional array of stem and root growth. From Dave Fayle	12/15/72	821
CAN.ON	Conifer	Growth	Model of stem analysis array. From Dave Fayle	12/15/72	822
CAN.ON	Conifer	Growth	Model of Duff & Nolan's Type 1,2 and 3 growth sequences. From Dave Fayle	12/15/72	823
CAN.ON		Site preparation	Young's Teeth mounted on Caterpillar D8. Chapleau	06/15/72	824
CAN.ON	Jack pine	Site preparation	Site prep. with 12ft. drawbar pulling six drums and pads. Silk Twp. Chapleau.	06/15/72	825
CAN.ON	Jack pine	Site preparation	Site prep. using 12ft. drawbar pulling nine drums. Silk Twp.Chapleau	06/15/72	826
CAN.ON	Red pine	Thinning	Red pine plantation @ 42yrs, marked for thinning. Vivian, York Regional Forest.	02/15/72	827
CAN.ON	Red pine	Thinning	Red pine @ 42yrs. after thinning. See slide #827	02/15/72	828
CAN.NS	Balsam fir	Regeneration - natural	Dense natural regeneration. NS Pulp & Paper(now Stora) Cape Breton, Nova Scotia. person is Ken Reese. Photo Fred Robinson	05/15/72	829
CAN.NS	Balsam fir		Highgraded stand of balsam fir on private woodland.N.B. Poor form. Photo fred Robinson	05/15/72	830
CAN.ON	Balsam fir	Thinning	Spaced balsam fir, considered too heavy. N.B. size of trees. Photo fred Robinson	05/15/72	831
CAN.NS	Balsam fir	Thinning	Spacing in younger natural regenerated balsam fir. NS Pulp & Paper (now Stora). Cape Breton	05/15/72	832
CAN.NS	Balsam fir	Thinning	Spacing in young balsam fir. Too dense still? Photo Fred Robinson NS Pulp & Paper(now Stora). Cape Breton	05/15/72	833
CAN.NS	Red pine	Site preparation	Site preparation with Martini plow, to be planted with red pine in paper pots. NS Pulp & Paper(now Stora). Antigonish, Cape Breton	05/15/72	834
CAN.NS	Red pine	Site preparation	Martini plowed area for planting red pine in paper pots. NS Pulp & Paper(now Stora). Antigonish, Cape Breton	05/15/72	835
CAN.NS	Red pine	Plantation	Red pine planted in paper pots on area site prepared by Martini plowNS Pulp & Paper(now Stora). Antigonish, Cape Breton	05/15/72	836
CAN.NB	Jack pine	Drought damage	Jack pine seedling(3+0), three weeks after outplanting. N.B. large top:root ratio; not a "good" seedling. J.D.Irving	06/15/73	837
CAN.NB	Jack pine	Plantation	jack pine planted 1970; photo June 1973. Ryan Woods, J.D.Irving	06/15/73	838
CAN.NB		Site preparation	Martini plow used for site prep., Miramichi, J.D.Irving. cf #834 & 835.	06/15/73	839
CAN.NB		Site preparation	Area tread by Martini plow. Miramichi. J.D.Irving. cf slide# 839	06/15/73	840
CAN.NB	Jack pine	Plantation	Jack pine planted 1971; photo 1973. mean ht. 78cm. Camp 8 J.D.Irving	06/15/73	841
CAN.NB	Jack pine	Plantation	Jack pine planted 1970; mean ht.1 m. to end of 1972 yr. Arsenault Lot. J.D.Irving. Person is Niels Kreiberg	06/15/73	842
CAN.NB	Red spruce	Winter damage	Winter dessication in red spruce planted in open. N.B. zone of damage and green above suggesting late winter(March?) and ice crust causing high temperature.Camp 12. J.D.Irving Black Brook	06/15/73	843
CAN.NB	Black spruce	Plantation	Black spruce planted 1968(@ 9yrs from seed) Ht.247cm. Niels Kreiberg@ 47yrs. 183cm !. Camp 12, Black Brook, J.D.Irving	06/15/73	844
CAN.NB	Black spruce	Plantation	Black spruce planted 1968. N.B. spruce in foreground planted on an old log yard with no organic material. Camp 12, Fall Brook, Black Brook, J.D.Irving	06/15/73	845
CAN.NB	White and black spruce	Plantation	White and black spruce planted 1968. N.B. differences in growth and new shoot development. Plg on left, Plm on right. Camp 12. Black Brook, J.D.Irving	06/15/73	846
CAN.NB	Black spruce	Plantation	Effect of slope position on growth. Black spruce planted 1968. Mean Ht. 102cm vs 143cm(lo vs hi). Camp 12. Black Brook. J.D.Irving	06/15/73	847
CAN.NB	Black spruce	Plantation	Black spruce planted 1968. cf slides # 182,183,184 of same area. Person is Niels Kreiberg. Camp 12, Gounamitz, Black Brook, J.D.Irving	06/15/73	848

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.NB	Black spruce	Plantation	Black spruce planted 1968. cf slides #182,183,184. Camp 12,GounamitzBlack Brook. J.D.Irving	06/15/73	849

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.NB	Black spruce	Needle rust	Needle rust (Chrysomyxa spp.) on white spruce. Black Brook, J.D.Irving	06/15/73	850
CAN.NB	Red spruce	Budworm damage	Budworm daage on red spruce. Black Brook, J.D.Irving	06/15/73	851
CAN.NB	White spruce	Budworm	Budworms eating on tips of white spruce. Black Brook, J.D.Irving	06/15/73	852
CAN.NB	Black spruce	Damage- frost	Black spruce planted 1966. N.B. growth in comparison with natural larch. Person is Niels Kreiberg. Basely Brook. cf slides # 167 & 193Black Brook, J.D.Irving	06/15/73	853
CAN.NB	Black spruce	Plantation	Black spruce planted 1965 at 8 yrs,photo 1973. Ht. 2m. Camp 9(old Camp 8). Black Brook, J.D.Irving	06/15/73	854
CAN.NB	Jack pine	Plantation	Jack pine planted 1973 - photo 8 weeks later. Camp 66, Road 4. Miramichi, J.D.Irving	06/15/73	855
CAN.NB	Black spruce	Plantation	Black spruce planted as paper pot, 1973.after 1972 prescribed fire photo 6 weeks later. Miramichi, J.D.Irving	06/15/73	856
CAN.NB	Jack pine	Plantation container	Jack pine in paper pot planted July 1972, extracted & photo June1973Deersdale, J.D.Irving	06/15/73	857
CAN.NB	Black spruce	Plantation-container	Black spruce planted July 1972 in paper pot, extracted June 1973 toshow root development. Deersdale, Camp 66. J.D.Irving	06/15/73	858
CAN.ON	Hemlock	Deer yard	Browse on hemlock in winter deer yard. Shawanaga, Parry Sound	03/15/73	859
CAN.ON	Hardwoods	Deer yard	Winter browse on hardwoods. Killbear Park, Parry Sound	03/15/73	860
CAN.ON	Hardwoods	Deer yard	Winter browse on hardwoods,Shawanaga, Parry Sound, person is John McFie	03/15/73	861
CAN.ON	Hardwood-hemlock	Deer yard	Difference in snow depth under hemlock(little) and hardwoods(more), Shawanaga, Parry Sound	03/15/73	862
CAN.ON	Hemlock	Regeneration	Natural regeneration of hemlock under paper birch after a fire(17yrsbefore). Killbear Park, Parry Sound	03/15/73	863
CAN.ON	Hemlock	Regeneration-natural	Hemlock seedling(3yrs) established on mineralsoil of windthrow. Shawanaga deer yard, Parry Sound	03/15/73	864
USA.PA	Hardwoods	Improvement cut	Polewood hardwoods, maple, ash, cherry after improvement cut. Allegheny Nat. Forest.	04/15/73	865
USA.PA	Hardwoods	Clearcut	Clear cut in hardwoods(1972) to promote bick cherry regeneration. N.B.slash aan size of cutover.Allegheny Nat. Forest.	04/15/73	866
USA.PA	Hardwoods	Clearcut	Clearcut in hardwoods(1972) to promote black cherry. N.B.slash. Alleghany Nat. Forest	04/15/73	867
USA.PA	Hemlock	Windthrow	Windthrown hemlock. Alleghany Nat. Forest	04/15/73	868
USA.PA	Hemlock-hardwood	Windthrow	Windthrown old hemlock in stand with beech. N.B. mineral soil expos-ure. Alleghany Nat. Forest	04/15/73	869
USA.PA	Hemlock	Natural regeneration	Hemlock seedling established on old log. Will not be vigorous. N.B. hardwoods in understory. Person is Erling Armson. Alleghany Nat. Forest	04/15/73	870
USA.PA	Hardwoods	Natural regeneration	Yellow birch which became established on rotting log, now since goneN.B. large beech. Alleghany Nat. Forest	04/15/73	871
USA.PA	Hemlock	Stand structure	Hemlock stand, Alleghany Nat. Forest	04/15/73	872
USA.PA	Hemlock	Stand	Old stand of hemlock (400+yrs). Alleghany Nat. Forest	04/15/73	873
USA.PA	Hemlock-hardwoods	Stand	Stand of hemlock and beech, Alleghany Nat.Forest	04/15/73	874
USA.PA	Hemlock	Tree	Hemlock(350+yrs). person is Erling Armson. Alleghany Nat. Forest	04/15/73	875
USA.PA	Hardwoods-hemlock	Access	Road used for logging and recreation.Alleghany Nat. Forest	04/15/73	876
CAN.NB	Black spruce	Plantation	Black spruce, first summer(Aug)planting 1968. Ht. 1.7m Aug/73(5yrs) Black Brook, persons Niels Kreiberg & Pat Marceau. J.D.Irving	08/15/73	877
CAN.NB	Black spruce	Plantation-paperpot	Black spruce paper pot planted July 1972. Phot Aug 1973. Black BrookJ.D.Irving	08/15/73	878
CAN.NB	Black spruce	Plantation - paper pot	Black spruce paper pot planted July, 1972, photo Aug. 1973. Camp 66 Deersdale, J.D.Irving. cf slides 804 & 805	08/15/73	879
CAN.NB	Jack pine	Plantation - paper pot	Jack pine paperpot planted July 1972, photo Aug. 1973. Camp 66, Deersdale, J.D.Irving. cf slide #806	08/15/73	880
CAN.NB	Black spruce	Plantation - paper pot	Black spruce paper pot planted July, 1972. extracted, photo Aug.1972Camp 66, Miramichi(Deersdale). J.D.Irving	08/15/73	881
CAN.NB	Black spruce	Root system - paper pot	Black spruce paper pot planted July, 1972. Extracted Aug. 1973. Camp 66, Miramichi. J.D.Irving	08/15/73	882
CAN.NB	Black spruce	Plantation	Black spruce paper pot planted July 1972. Photo Aug. 1973. Camp 66 Miramichi. J.D.Irving. person is Niels Kreiberg	08/15/73	883
CAN.NB	Black spruce	Plantation - paper pot	Black spruce planted August 1973. Photo Sept.1973. Deersdale, J.D. Irving	09/15/73	884
CAN.NB	Norway spruce	Plantation - paperpot	Norway spruce planted mid Aug. 1973, photo Sept/1973. showing root development. Deersdale, J.D.Irving	09/15/73	885
CAN.NB	Black spruce	Plantation - paper pot	Black spruce paper pot planted July, 1972, Ht. 51cm. Photo Sept/1973Hunter Brook Road. Balck Brook, J.D.Irving	09/15/73	886
CAN.NB	Black spruce	Container- paper pot	Black spruce seeded Jan. 1973 in 308 pots. Ready for planting Aug/73Juniper, J.D.Irving	09/15/73	887
CAN.NB	Black spruce	Container - paper pot	Black spruce seeded Jan/1973, ready foroutplanting Aug. 1973.JuniperJ.D.Irving	09/15/73	888
CAN.NB		Planting tools	Potti putki used to plant paper pot container stock. Black Brook, J.D.Irving	09/15/73	889
CAN.NB	Black spruce	Plantation	Planted black spruce in paper pot, immediately after planting. cf slide # 805. Black Brook. J.D.Irving	09/15/73	890
CAN.NB	Black spruce	Planting	Crew planting paper pots with potti putkis. N.B. line to ensure trees are in rows. Phaters paid 2cents/tree. Black Brook, J.D.Irving	09/15/73	891
CAN.NB	Black spruce	Planting	Women planting paper pot black spruce @ 2 cents/tree. Black Brook J.D.Irving	09/15/73	892
CAN.NB	Black spruce	Planting	Planting paper pot black spruce. Black Brook, J.D.Irving 2.5 cents/ tree	09/15/73	893
CAN.ON		Insect damage	Diagram of feeding pattern of spruce sawfly	02/15/73	894
CAN.ON		Insect - sawfly	Diagram of life history of spruce sawfly	02/15/73	895
CAN.ON		Parasite damage	Mistletoe life history diagram	03/15/73	896
CAN.ON		Mistletoe	Diagram of mistletoe on host	03/15/73	897
CAN.ON		Mistletoe	Chart of hosts of mistletoe	03/15/73	898
CAN.ON		Mistletoe	Chart of characteristics of main species of mistletoe	03/15/73	899
CAN.ON		Mistletoe	Chart of development of infection in lodgepole pine stand	03/15/73	900
CAN.ON	Jack pine	Weevil damage	White pine weevil damage in jack pine	05/15/73	901
CAN.ON	Jack pine	Natural regeneration	Natural regen. of jack pine 9 yrs. after summer logging(clearcut). Spruce River Rd. Abitibi-Price	05/15/73	902
CAN.ON		Site prep. Barrel	Early cement filled barrel(ca.1960's). N.B. iron spikes(RR track). Spruce River Rd. Abitibi-Price	05/15/73	903
CAN.ON	Black spruce	Natural regeneration	Black spruce @ 11yrs. from seed. Spruce River Road. Abitibi-Price, person is Frank Robinson.	05/15/73	904
CAN.ON	White spruce	Frost damage	White spruce damaged by late spring frost. N.B. unaffected jack pineSpruce River Road. Abitibi-Price	05/15/73	905
CAN.ON	Black spruce	Site preparation	Cut 1972, barrel scarified for natural regen. N.B. large slash and therefore ineffective site prep. Spruce River Rd. Abitibi-Price	05/15/73	906
CAN.QC	Black spruce	Stand	Boreal black spruce + balsam fir, 76yrs, Ht.15.5m. 350cu.m./ha. Laurentides	09/15/73	907
CAN.QC	Black spruce	Stand crowns	Black spruce with balsam fir. 76yrs. Ht.15.5m. N.B. columnar crowns Laurentides. cf slide #907	09/15/73	908
CAN.QC	Black spruce	Stand crowns	Black spruce 76yrs. Ht 15.5 m with some balsam fir. N.B. columnar crowns. cf. slides #907 & 908	09/15/73	909

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.NB	Hardwood	Herbicide	hardwoods, mainly maple killed with 2,4 5-T @ 1.5lbs/ac. Deersdale, J.D.Irving	09/15/73	910

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.NB		Landscape	Camp #2 J.D.Irving. Black Brook "fields of forests" N.B. forest leftalong stream.	09/15/73	911
CAN.NB	White & black spruce	Plantation	Spruces planted 1965. Skin Gulch, Black Brook, J.D.Irving. cf. slide# 186 & 188. landscape photo same location, photo 8yrs later	09/15/73	912
CAN.NB	Black spruce	Plantation	Black spruce 2+2 planted Aug 1968.(1st summer planting). Ht.4.3m. Persons Niels Kreiberg & Pat Marceau. Black Brook, J.D.Irving	09/15/73	913
CAN.NB	Black spruce	Plantation	Black spruce planted 1965, photo 1973. Skin Gulch, J.D.Irving. Persons - Niels Kreiberg & Pat Marceau	09/15/73	914
CAN.QC	Balsam fir	Natural regeneration	Area logged 1937-38. Balsam fir natural @ 35yrs. Foret Montmorency, Laurentides	08/15/73	915
UK	Douglas fir	Clearcut	Clearcut planted with Douglas fir. Longleat, Wilts.	07/15/73	916
UK	Douglas fir	PLantation	Douglas fir planted after clearcutting. Longleat, Wilts.	07/15/73	917
CAN.ON	White ash	Plantation	White ash planted after cultivation and simazine @ 5yrs. Person is Fred von Althen. Carlson Tract	10/15/73	918
CAN.ON	White ash	Plantation	White ash 3 yrs after planting. Left- cultivation+ simazine; Right -cultivation only. Carlson tract.	10/15/73	919
CAN.ON	Poplar	Plantation	Populus alba 2 yrs after planting. Foreground - no simazine; Middle-simazine 1st yr; Background - simazine 2yrs. Carlson tract	10/15/73	920
CAN.ON	White ash	Plantation	Self-pruning in white ash @ 5yrs, planted @ 5x6ft spacing. Carlson Tract.	10/15/73	921
CAN.ON	White ash	Mouse damage	Multiple leaders from mouse damage. Carlson Tract	10/15/73	922
CAN.ON	White spruce	Park planting	White spruce planted at Rock Point Provincial Pk., Dunnville. Poor planting job.	10/15/72	923
CAN.ON	Jack pine	Site preparation- Martini plow	Martini plow 1972 followed by planting jack pine in 1973. Sharpe Twp. Engelhart Management Unit.	09/15/73	924
CAN.ON	Jack pine	Seeding	Clearcut aerially seeded with jack pine. north end lake Temagami	09/15/73	925
CAN.ON	Jack pine	Seeded	Jack pine clearcut, site prep'd with barrels then aerially seeded. Lake Temagami, north end	09/15/73	926
CAN.ON	White pine	Strip cutting	Strip cutting for natural regeneration. Gull Lake Temagami	09/15/73	927
CAN.ON	White pine	Strip cutting	Strip cutting in white pine. N.B. final strip(4th) still to be cut. Joan Peninsula, Lake Temagami	09/15/73	928
CAN.ON	Jack pine	Plantation	Jack pine planted 1964, 9yrs later. Site of UoFT studies. Davidson Twp. Engelhart Management Unit	09/15/73	929
CAN.ON	Poplar hybrid	Plantation	Outstanding X poplar(cottonwood).Person is Bill Raitenenen. Aylmer	10/15/73	930
CAN.ON	Black walnut	Harvest	Stump of black walnut auctioned off for \$5,050.00 on stump, 1973. Persons are Mr. Bev Finch(owner of woodlot) and Mac Thompson	10/15/73	931
CAN.ON	Jack Pine	Disease	Cronartium comptoneae(sweetfern rust) on jack pine seedlings	04/15/71	932
CAN.ON	Jack pine	Disease	Cronartium comptoneae rust showing aeciospores on jack pine	04/15/71	933
CAN.ON	Jack pine	Disease - rust	Cronartium comptoniae(sweetfern blister rust) on 2yr jack pine. N.B.aeciospores	04/15/71	934
CAN.ON	Hard maple	Stand	Hard maple, 64ft clear stem; Ht. 110ft. Dbh 17ins 400ftm/tree. Geo. Barrie woodlot Hwy #97 nr. Ayr.	10/15/73	935
CAN.ON	Hardwood	Stand structure	General view of Geo. Barrie woodlot, Hwy 97, nr. Ayr.N.B. white pinect slide #935	10/15/73	936
CAN.ON	Hardwoods	Snow damage	Bending of "whips", i.e. slender understory stems exposed after a selection harvest. Geo. barrie woodlot, Hwy 97 nr. Ayr	10/15/73	937
CAN.ON		Silviculture options	Diagram illustrating silvicultural options re: composition, density,productivity and spacial.	10/15/73	938
CAN.ON	Hard maple	Water supply	BlakeMacdonald's expt. to show the impact of water supply, weekly vsfortnightly watering on growth of hard maple seedlings	04/15/73	939
CAN.ON	Eastern hemlock	Clearcut	Eastern hemlock, clearcut in Algonquin Park	10/15/71	940
CAN.ON	Eastern hemlock	Stand structure	Dense mature stand of hemlock in Algonquin Park	10/15/71	941
CAN.ON	Eastern hemlock	Crown of mature stand	Crown closure in mature stand, Algonquin park	10/15/71	942
CAN.ON	Eastern hemlock	Stand structure	Hemlock stand N.B. old white pine stump. Algonquin park	10/15/71	943
CAN.ON	Eastern hemlock	Stand interior	Interiorof hemlock stand, Algonquin PARK	10/15/71	944
can.on	Eastern hemlock	Forest floor	Forest floor under mature hemlock, N.B. complete absence of regen. &other vegetation	10/15/71	945
CAN.ON	Eastern hemlock	Stand structure	General view through mature hemlock stand. Algonquin Park	10/15/71	946
CAN.ON	Eastern hemlock	Soil profile	Soil profile under mature hemlock. N.B. well-developed podzol with Ae, and Bf. Algonquin Park	10/15/71	947
CAN.ON	Eastern hemlock	Natural regeneration	Regeneration of hemlock only at base of old pine stump or old pine stem. Algonquin Park	10/15/71	948
CAN.ON	Eastern hemlock	Natural regeneration	Hemlock seedling on forest floor, N.B. hard maple litter. AlgonquinPark	10/15/71	949
CAN.ON	Eastern hemlock	natural regeneration	hemlock seedlings on mineral soil created by road construction. N.B.number of seedlings. Algonquin Park	10/15/71	950
CAN.ON	Eastern hemlock	Natural regeneration	hemlock seedling on decaying old log. Algonquin Park	10/15/71	951
CAN.NB	Black spruce	Herbicide	Black spruce, 2,4,5T applied aerially,1.5lbs./ac. Aug/73. Photo June 1974. N.B.unsprayed area to right. Predominant veg. red cherry. Miramichi, J.D.Irving	06/15/74	952
CAN.NB	Red spruce	Plantation	General view of red spruce planted 1965. Skin Gulch. Black Brook,J.D.Irving.cf slides 186 & 188	06/15/74	953
CAN.NB	Red spruce	Plantation	Red spruce planted 1967 after 7yrs. Person is Niels Kreiberg -"whichone shall I take a cutting from?" Big Forks Ridge.Black Brook, J.D. Irving	06/15/74	954
CAN.NB	Spruce	Clearcuts	Exrent of clearcut at Camp 8, Black Brook, J.D.Irving	06/15/74	955
CAN.NB	Spruce	clearcut-landscape	Clearcuts with hardwoods left on ridges for a) fire protection & b) maintenance of "diversity". Camp 8 Black Brook, J.D.Irving	06/15/74	956
CAN.NB	Spruce	Clearcut-blocks	Clearcuts with residual blocks. Camp 8, Black Brook. J.D.Irving	06/15/74	957
CAN.NB		Site preparation-crushing	Newly crushed area Camp 2, Black Brook, J.D.Irving	06/15/74	958
CAN.NB	Black spruce	Plantation-paperpots	Black spruce paper pots planted Aug/1972 after 2 yrs. Hunter Brook Road, Black Brook. persons are Pat Marceau(!) & Niels Kreiberg(r)	06/15/74	959
CAN.NB	Black spruce	Plantation-paper pot	Black spruce paper pot planted Aug/1972. after 2 yrs Ht. 46cm. in June 1974. Hunter Brook road, Black Brook, J.D.Irving	06/15/74	960
CAN.NB	Black spruce	Plantation-paperpot	Black spruce paper pots planted Aug/73. General view.Person is NielsKreiberg. Miramichi, J.D.Irving	06/15/74	961
CAN.NB	Black spruce	Plantation-paper pot	Blck spruce planted Aug/73, extracted to show roots. Miramichi, J.D.Irving	06/15/74	962
CAN.NB	Black spruce	Plantation-paper pot	Black spruce planted Aug/72. Ht. 43cm. Miramichi, J.D.Irving	06/15/74	963
CAN.NB	Black spruce	Container-Nisula Roll	Black spruce rolled March 1973, outplanted Sept/73, photo June 1974.Nisula seedlings are BR placed and grown in peat in plastic rolls Camp 2, Black Brook, J.D.Irving	06/15/74	964
FR.	Maritime pine(P.pinaster)	Turpentinaing	Turpentine face on Pinus pinaster, Mimizan, Les landes	12/15/73	965
FR.	Maritime pine	Crown form	Crowns of maritime pine. Les Landes	12/15/73	966
FR.	Maritime pine	Crown form	View of crownsof maritime pine 30yr old stand.	12/15/73	967
FR.	Maritime pine	Clearcut	Clearfelling in Maritime pine(Pinus pinaster). Les landes	12/15/73	968
FR	Maritime pine	Site preparation	Site preparation for maritime pine to be seeded. N.B. lunch time forworker. Les landes	12/15/73	969
FR.	Maritime pine	Age classes	Blocks of age classes of maritime pine, Les Landes	12/15/73	970

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
FR.	Maritime pine	Seeded regeneration	Maritime pine 4 yrs from seeding in bands on site prepared lands after clearcutting. Les landes	12/15/73	971

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
FR.	Maritime pine	Plantation	Maritime pine sown 1957 in Dec 1973 @ 17 yrs. Les landes, Mimizan	12/15/73	972
FR.	Maritime pine	Plantation	Maritime pine 17yrs old from seed. Le bray, Bordeaux	12/15/73	973
FR.		Weed control	Rouleau de broussailleur, a chopper pulled between the bands of pine(seeded). Les landes	12/15/73	974
FR.		Site preparation	Disk plow, La Mouliere. Les landes	12/15/73	975
FR.		Site preparation	One-way disk plow. la mouliere, Les landes	12/15/73	976
FR.	Maritime pine	Fertilization	Fertilizer trial in maritime pine @ 14yrs. N.B. Person at control plot is W. Pritchett(Univ. Florida)	12/15/73	977
FR.	Maritime pine	Fertilization	Tower view of area of fertilizer trials. Mimizan	12/15/73	978
FR.	Maritime pine	Fertilization & drainage	View of fertilizer and drainage. Large trees had both, smaler trees fertilizer only. Mimizan	12/15/73	979
FR.	Maritime pine	Stand	Maritime pine. person is Prof. Douglas Malcolm(Edinburgh). Les landes	12/15/73	980
FR.	Norway spruce	Plantation	Norway spruce planted on large clearcut(coup a blanc) Poitiers	12/15/73	981
FR.	Corsican pine(Pinus laricio)	Nutrient deficiency	Potassium deficiency in Corsican pine. Saint Frint, Dordogne	12/15/73	982
FR.	Corsican pine	Nutrient deficiency	potassium deficiency in Corsican pine. Saint Frint, Dordogne	12/15/73	983
FR.	Corsican pine	Nutrient deficiency	Potassium deficiency in Corsican pine. Saint Front, Dordogne	12/15/73	984
FR.	Corsican pine	Insect damage	Processionary moth on Corsican pine. Saint Front, Dordogne	12/15/73	985
FR.	Douglas fir	Plantation	Plantation of Douglas fir, general view and foresters taking pictures. Razes	12/15/73	986
FR.	Norway spruce	Plantation	Norway spruce planted 1967 @ 6yrs. Person is Prof. George Switzer (Mississippi State Univ.). Razes	12/15/73	987
FR.	Norway spruce	PLanation	Norway spruce @ 6yrs from planting.Haute-Vienne, Limousin	12/15/73	988
FR.	Douglas fir	Nutrien deficiency	Control plot no fertilizer addition to Douglas fir. Razes	12/15/73	989
FR.	Douglas fir	Nutrient deficiency	Douglas plot with N,P,K and Cu added. cf slide # 989 and note the difference in growth and colour. Razes	12/15/73	990
FR.	Norway spruce	Nutrient deficiency	Nitrogen deficiency in Norway spruce planted 1967,@ 6yrs. Razes	12/15/73	991
FR.	Douglas fir	Nutrient deficiency	Copper deficiency in Douglas fir. N.B. crook in stem. Razes	12/15/73	992
FR.	Douglas fir	Nutrient deficiency	Copper deficiency in Douglas fir. N.B. crook in stem which is a symptom of Cu deficiency. Razes	12/15/73	993
FR.	Douglas fir	Soil profile	Soil profile-sol brun acide. Heathland, that has been cultivated then planted with Douglas fir which now has a copper deficiency. Razes	12/15/73	994
FR.	Douglas fir	Roots	Root system of 8yr old Douglas fir. N.B. how limited the system is. Dussac, Dordogne	12/15/73	995
FR.	Chestnut Castanea sativa	Coppice + standards	Natural regeneration of chestnut. Dussac, Dordogne	12/15/73	996
FR.	Chestnut	Natural regeneration	Coppice of chestnut(Castanea sativa). Dussac, Dordogne	12/15/73	997
FR.	Chestnut	Coppice + standards	Chestnut coppice with standards being replaced with Douglas fir-in background. Dussac, Dordogne	12/15/73	998
CAN.ON	White pine	Crowns	Crowns of 80yr old eastern white pine. Dawson Pond, Leslie Frost Ctr	05/15/73	999
CAN.ON	White pine	Stand	Eastern white pine and hemlock. Dawson pond Road. Leslie Frost Ctre	05/15/73	1000
CAN.ON	White pine	Fire scar	Fire scar on old white pine chicot. Leslie frost Ctre.	05/15/73	1001
CAN.ON	White pine	Tree form	Good form in eastern white pine @ 80yrs. Leslie Frost Ctre	05/15/73	1002
CAN.ON	White pine	Disease	Blister rust(Cronartium ribicola) aeciospores on 9yr old white pine.Leslie Frost Ctre.	05/15/73	1003
CAN.ON	Red pine	Crown form	Crown of 200yr old red pine. Temagami	06/15/74	1004
CAN.ON	White pine	Natural regeneration	Patch cut in white/red pine, 1969. N.B. red pine and competition. Shiningwood Bay, Temagami. cf slides#454, 581&582, 740. Person is Doug Buck	06/15/74	1005
CAN.ON	White pine	Clearcut strip	Clearcut strip cut 1969-70. cf slides #457, 458 & 738. Shiningwood Bat Temagami	06/15/74	1006
CAN.ON	Black spruce	Plantation	Black spruce planted 1973 in area site prepared by Marttini plow in1972, photo Sept 1974. Dunmore Twp. Engelhart Management Unit	09/15/74	1007
CAN.ON	Jack pine	Plantation	Jack pine 2+0 planted 1969, after area was clearcut, control burned and site prepared(barrels). Dunmore, Englehart Management Unit	09/15/74	1008
CAN.ON	Jack pine	Seeded	Aerially seeded, fall,1973, photo Sept /74. Englehart Managem't UnitSwastika	07/15/74	1009
CAN.ON	Jack pine	Stand structure	Jack pine/black spruce fire origin. Burt Twp. Englehart Management Unit, Swastika. N.B. recent windthrow	09/15/74	1010
CAN.ON	White pine	Plantation	White pine, planted 1910, 64 yrs. old. St. Williams. had history of frequent thinings. N.B. regeneration	09/15/74	1011
CAN.ON	White pine	Plantation	Display showing reforestation at St.Williams	09/15/74	1012
CAN.ON		Sitee preparation	UT Class(7T5) watching Marttini plow at Englehart Management Unit	09/15/74	1013
CAN.ON		Site preparation	Furrow created by Marttini plow at Englehart Management Unit. N.B. depth in sandy soil	09/15/74	1014
CAN.ON		Site preparation	Bracke kultivator, person is Jukka Heikurinen. Englehart Management Unit	09/15/74	1015
CAN.ON		Site preparation	Bracke kultivatur, Englehart Management Unit.	09/15/74	1016
CAN.ON		Site preparation	Bracke kultivatur. Pattern of scalps produced in sandy soil. Englehart Management Unit	09/15/74	1017
CAN.ON	Jack pine	Plantation	Brack kultivatur scalp. N.B. position of newly planted jack pine container seedling. Englehart Management Unit	09/15/74	1018
CAN.ON		Planting machine	Planting machine developed at Kirkwood Forest by Cam Stevens to plant paper pots. Thessalon	09/15/74	1019
CAN.ON		Seeding	Mechanical seeder at Kirkwood. Thessalon	09/15/74	1020
CAN.ON		Planter, mechanical-taylor	Taylor tree planter for bare root stock. Kirkwood, Thessalon	09/15/74	1021
CAN.ON		Planter, mechanical	Taylor tree planter, Kirkwood, Thessalon	09/15/74	1022
CAN.ON		Planter, mechanical	Taylor tree planter pulled by tractor with straight blade, Kirkwood Thessalon	09/15/74	1023
CAN.ON		Planter, mechanical	taylor tree planter pulled by tractor with wedge blade. Kirkwood, Thessalon	09/15/74	1024
CAN.ON		Planter, mechanical	Lowther tree planter with double coulter. Kirkwood, Thessalon	09/15/74	1025
CAN.ON		Planter, mechanical	Beloit crankaxle tree planter. Kirkwood, Thessalon	09/15/74	1026
CAN.ON		Planter, mechanical	Beloit crakaxle tree planter. Showing coulter and inside of cab. Kirkwood, Thessalon	09/15/74	1027
CAN.ON		Planter, mechanical	Ontario tree planter Mk.III. Kirkwood, Thessalon.	09/15/74	1028
CAN.ON		Planter, mechanical	Ontario Tree planter Mk.III. in operation. Kirkwood, Thessalon	09/15/74	1029
CAN.ON		Planter, mechanical	Ontario tree planter Mk.III. Hydraulic system. Kirkwood, Thessalon	09/15/74	1030
CAN.ON		Planter, mechanical	Ontario tree planter Mk. III. Interior of cab. Kirkwood, thessalon	09/15/74	1031

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON		Planter, mechanical	Ontario tree planter Mk. III. Dibble and packing wheels. Kirkwood, Thessalon	09/15/74	1032

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON		Cleaning	Brushmaster in operation in young poplar. Kirkwood, Thessalon	09/15/74	1033
CAN.ON		Cleaning, mechanical	Brushmaster showing blades & operation. Kirkwood, Thessalon	09/15/74	1034
CAN.ON		Herbicide application	Harry Struik's trailer for herbicide application in Gt.Lakes-St. Lawrence conditions. Kirkwood, Thessalon	09/15/74	1035
CAN.ON	Jack pine	Harvester, mechanical	Mechanical harvester to be for plantation harvesting.	09/15/74	1036
CAN.BC	Lodgepole pine	Plantation	Area burnt in 1957 and 1961. Planted with lodgepole pine. N.B. Two age classes & clearcut in background. Willow River Forest PSYU. Prince George.	07/15/74	1037
CAN.BC	White spruce	Planting-container	White spruce in Walters bullet. Planted 1969 after 4 growing seasonsBuckhorn burn Willow River Prov. Forest. Photo June /74	06/15/74	1038
CAN.BC	Lodgepole pine	Planting-bareroot	Bare root lodgepole pine planted by mattock 5 years after planting. Prince George.	06/15/74	1039
CAN.BC	Lodgepole pine	Planting	Five year old natural lodgepole pine N.B. rot system as compared to Slide # 1039(mattock planted). Prince George	06/15/74	1040
CAN.BC	White spruce	Plantation	White spruce styroplug planted 1972, after 2 years.HT. 0.43m. BowronRiver.	06/15/74	1041
CAN.BC	White spruce	Plantation-roots	White spruce styroplug planted 1972(same tree as in Slide #1041). Bowron River	06/15/74	1042
CAN.BC	Lodgepole pine	Planted-roots	Lodgepole pine styroplug, planted 1972 after 2 years. Bowron River	06/15/74	1043
CAN.BC	Lodgepole pine	Plantation tree	Bare root lodgepole pine planted by mattock. N.B. root system.BowronRiver, Prince George. cf Slide # 1043	06/15/74	1044
CAN.BC	Lodgepole pine	Plantation- container roots	Roots of styroplug and Walters bullet on lodgepole pine planted 1972after 2 yrs growth. Cf slide #1044. Bowron R. Prince George	06/15/74	1045
CAN.BC	Lodgepole pine	Plantation - container	Lodgepole pine in walters 2" bullet after 7 growing seasons.Cluculz Lake. Prince George	06/15/74	1046
CAN.BC	Lodgepole pine	Plantation - container	Lodgepole pine grown in 4.5" bullet, after 7 growing seasons.CluculzLake, Prince George	06/15/74	1047
CAN.BC	Lodgepole pine	Regeneration after site preparat	Lodgepole pine 4yrs. after site preparation. N.B. Wild roses. In the Prince George District.	06/15/74	1048
CAN.BC	Douglas fir	Regeneration after fire	Douglas fir, 31 years after fire. Tsolum flats, Campbell River	06/15/74	1049
CAN.BC	Douglas fir	Plantation -Poir weirii	Douglas fir planted after 34 years. Mortality from Poria weirii. Person is John Harwyne, Div. Forester Crown Zellerbach. Tsolum FlatsCampbell River	06/15/74	1050
CAN.BC	Douglas fir	Plantation - Poria weirii	Planted Douglas fir after 34 yrs. Persons are: John Harwynw & Daryl McQillan of Crown Zellerbach, Paul Barker BCFS. Tsolum Flats,Campbell River	06/15/74	1051
CAN.BC	Douglas fir	Plantation	Douglas fir planted 1950, after 23 yrs. N.B. Lodgepole in backgroundfrom seed. Tsolum Flats, Campbell River	06/15/74	1052
CAN.BC	Douglas fir	Plantation	Douglas fir planted 1962, after 12 yrs at 1800ft(600m) elevation. Campbell River. After spacing(precommercial thinning)	06/15/74	1053
CAN.BC	Douglas fir	Clearcutting	Clearcut at 2000ft.(610m) elevation. N.B. erosion at roadside but not in cutover. Spuzzum	06/15/74	1054
CAN.BC	Douglas fir	Clearcut	Clearcut after 6 yrs from landing, N.B. regeneration. At 2000ft(610melevation	06/15/74	1055
CAN.BC	Douglas fir	Clearcut	Recent clearcut on contour basis. At 200ft(610m) elevation. Spuzzum	06/15/74	1056
CAN.BC	Douglas fir	Plantation	Douglas fir planted 1968 after clearcut in 1967, after 12 yrs. N.B. natural fire stand on slopes. Spuzzum.	06/15/74	1057
CAN.BC	Douglas fir	Clearcut	General view of clearcutting in valley and road and stream. Spuzzum	06/15/74	1058
CAN.BC	Douglas fir	Plantation	Douglas fir planted 1968 after clearcutting. Spuzzum	06/15/74	1059
CAN.BC	Douglas fir	Roads	View of logging road and small creek in clearcut area. Spuzzum	06/15/74	1060
CAN.BC	Douglas fir	Clearcut	Fresh clearcut. Will probably be slash burned soon, then planted. Spuzzum	06/15/74	1061
CAN.BC	Douglas fir	Clearcut & roads	Clearcut and roads. N.B. erosion from road construction. Spuzzum	06/15/74	1062
CAN.BC	Douglas fir	Plantation	Douglas fir bare root planted 1971 after four seasons,at 2000ft(610m)Spuzzum. N.B. small size.	06/15/74	1063
CAN.BC	Douglas fir	Plantation -browsing	Planted Douglas fir after four seasons. N.B. browse damage(deer). Spuzzum. cf slide #1063	06/15/74	1064
CAN.BC	Douglas fir	Plantation - container types	Four types of Douglas fir stock planted at same location after five seasons. Mudpack;'in'bullet;'ex'bullet; 3 bare root. At 2000ft(610m)Spuzzum	06/15/74	1065
CAN.BC		Planting stock	Lodgepole pine and Douglas fir. Grown in styroplug and bare root. Surrey nursery.	06/15/74	1066
CAN.BC		Plantation	Douglas fir Bare root planted by BCFP in 1967 after 7 years. MissionLost Creek	06/15/74	1067
CAN.BC	Douglas fir	Plantation - general view	Douglas fir bare root planted in 1967, after 7 seasons. Lost Creek, Mission	06/15/74	1068
CAN.BC	Douglas fir	Planted - roots	Roots of Douglas fir grown as a mudpack,planted 1968 after 6 seasonsN.B. root distortion. Mission	06/15/74	1069
CAN.BC	Douglas fir	Planted stock -roots	Douglas fir grown as a styroplug, planted 1968, after 6 seasons. N.Brots and cf. slide # 1069. Mission	06/15/74	1070
CAN.BC	Douglas fir	Planted - roots	Douglas fir bare root planted 1968, after 6yrs. N.B. distortion. Lost Creek, Mission.	06/15/74	1071
CAN.BC	Douglas fir	Planted - roots	Douglas fir mudpack planted 1967 at 7yrs. N.B. roots in 6cm Humus horizon. Lost creek, Mission	06/15/74	1072
CAN.BC	Douglas fir	Planted - roots	Douglas fir rottos of bullet and bullet-plug(i.e.bullet removed before planting. N.B. better roots of 'plug'. Lost Creek, Mission.	06/15/74	1073
CAN.BC	DouglasS fir	Plantation	General view of Douglas fir planted 1967, Lost Creek, Mission	06/15/74	1074
CAN.BC	Sitka spruce	Plantation	General view of Sitka spruce planted 1967 after 7 yrs. Ht. 3m. Lost Creek, Mission.	06/15/74	1075
CAN.BC	Douglas fir	Plantation	Douglas fir planted 1967, after 7 yrs. Person is Jim Arnott,foresterwith CFS, Victoria. Lost Creek, Mission	06/15/74	1076
CAN.BC	Douglas fir	Clearcuts- pattern	Clearcut patterns, regeneration and road. M&B Franklin River.	06/15/74	1077
CAN.BC	Douglas fir - cedar	Plantation	Douglas fir and natural cedar regen on cutovers. M&B Sarita Lake, Franklin River.	07/15/74	1078
CAN.BC	Douglas fir - w. hemlock	Natural regen	Douglas fir and western hemlock, after clearcutting at 7 yrs.No fireM&B Sarita Lake. Franklin river. Person is Bill Motyka	07/15/74	1079
CAN.BC	Sitka spruce	Plantation	Sitkas spruce planted in 1971 after 1969 logging(clearcut), and 1970fire.Ht. 1.7m. Person is Bill Motyka. M&B Franklin River	07/15/74	1080
CAN.BC	Western hemlock	Natural regen.	Western hemlock natural after clearcutting 1960. No fire, age 14yrs.Person is Jim Arnott(CFS forester). M&B Franklin River	07/15/74	1081
CAN.BC	Douglas fir	Logging - madill spar	Madill spar at logging site. M&B Franklin River	07/15/74	1082
CAN.BC	Douglas fir	Planted roots	Douglas fir plug planted October/73.at 2100ft(640m.)Pacific Logging,Valentine Mt.	07/15/74	1083
CAN.BC	Douglas fir	Plantation	Douglas fir plug planted October 16/73.at 2100ft(640m.) N.B. chlorosis.Pacific Logging, Valentine MT. Sooke	07/15/74	1084
CAN.BC	Douglas fir	Planted	Douglas fir bullet, planted Oct.1972 at 2700ft(823m.)after 2 yrs on north slopePacific Logging. Valentine Mt.	07/15/74	1085
CAN.BC	Douglas fir	Planted	Douglas fir mudpack planted May, 1974 at 1800ft.(549m.)Jordan MeadowPacific Logging. Sooke.	07/15/74	1086
CAN.BC	Lodgepole pine	Planted	Lodgepole pine planted 1971, after 3 yrs. Pacific Logging. Sooke	07/15/74	1087
CAN.BC	Western hemlock	Frost damage	PLanted western hemlock of wrong provenance,i.e. lower elevation source at upper elevation. N.B. frost damage. Pacific Logging. Upper Fleet	07/15/74	1088
CAN.BC	Douglas fir	Plantation - large clearcut	PLanted clearcut N.B. size. Pacific Logging, Sooke	07/15/74	1089
CAN.BC	Douglas fir	Aerial planting	Experimantal use of aerial bullets(1972?). N.B.failure it landed in humus. cf. slide 1091. Pacific Logging. Sooke	07/15/74	1090
CAN.BC	Douglas fir	Aerial use of bullet(ca. 1971-2?), cf Slide #1090.	This one succeeded, but success rate very low. Pacific Logging	07/15/74	1091
CAN.BC	Douglas fir	Plantation	Douglas fir mudpack planted Spring/73. at 1yr. N.B.chlorosis & buds eaten by grouse. Pacific Logging. Sooke	07/15/74	1092

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.BC	Western hemlock	Plantation	Western hemlock planted July/1969 at 3000ft.(914m.)planted July/69 after 5 yrs.	07/15/74	1093

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.BC	Douglas fir	Clearcut	Large clearcut, regenerated but N.B. size and erosion related to roads. Pacific Logging, Sooke	07/15/74	1094
CAN.BC	Douglas fir	Clearcuts	General view of large clearcuts and road system. Pacific Logging, Sooke.	07/15/74	1095
CAN.BC	Douglas fir	Plantation	Douglas fir planted 1969 on extreme SW slope, after 5yrs. Slash burnafter logging N.B. mineral soil exposure, but dark green colour of trees and short height. Pacific Logging, Sooke	07/15/74	1096
CAN.BC	Douglas fir	Clearcuts	Genreal view of large clearcuts, all planted. Pacific Logging, Sooke	07/15/74	1097
CAN.BC	Shore pine	Forest	Shore pine P.contorta var. contorta. At China Beach, on road to PortRenfrew.	07/15/94	1098
CAN.BC	Douglas fir	Road	Typical forest road, BC Forest Products, Port Renfrew. N.B. Clearcutin background and 'clean' sides to road.	07/15/74	1099
CAN.BC	Douglas fir	Clearcut	Clearcut Spring 1973, planted Fall 1973. N.B. no slash burn. BCFP. Port Renfrew.	07/15/74	1100
CAN.BC	Western hemlock	Container - roots	Western hemlock plug, overwintered and planted June 1974, photo July, 1974, after 2 months. N.B. root tips	07/15/74	1101
CAN.BC	Douglas fir	Planted - bare root	Douglas fir 2+0 bare root, planted Fall 1971, after 3 yrs. N.B. the effect of deer browse(Pacific mule deer). BCFP. Port Renfrew	07/15/74	1102
CAN.BC	Western hemlock	Natural regeneration	Western hemlock seedling(natural) following clearcut and slash burn.BCFP. Port Renfrew	07/15/74	1103
CAN.BC	Western hemlock	Plantation	Western hemlock plug planted Spring 1972, after 2 yrs. Ht. 98cm. Person is Jim Arnott(CFS). BCFP, Port Renfrew	07/15/74	1104
CAN.BC	Sitka spruce	Plantation	Sitka spruce styroplugs(styro 2" & 8"), planted Spring 1972. after 2yrs. Ht. 92cm. Person is Jim Arnott(CFS). BCFP. Port Renfrew	07/15/74	1105
CAN.BC	Sitka spruce	Container - roots	Roots of styroplug Sitka spruce planted Spring 1972.cf Slide #1105. BCFP. Port Renfrew	07/15/74	1106
CAN.BC	Western hemlock	Container - roots	Western hemlock plug planted Spring 1972, after 2 yrs. Ht. 62cm. N.BRoots. BCFP Port Renfrew	07/15/74	1107
CAN.BC	Douglas fir	Container - roots	Douglas fir styroplugs (2" and 8") planted Spring 1972. cf roots in slide # 1107	07/15/74	1108
CAN.BC	Douglas fir & western hemlock	Forest 7 clearcut	General view of forest looking across San Juan valley to Mt.OlympiaPort Renfrew	08/15/74	1109
CAN.BC	Douglas fir	Railway logging pattern	San Juan valley showing pattern of logging from railway operations in 1940's for Sitka spruce. BCFP, Port Renfrew	08/15/74	1110
CAN.BC	Western alder	Natural regeneration	View across San Juan valley, logged 1940's mainly for Sitka spruce. N.B. alder on alluvial flats(where the largest Spruce grew. BCFP Port Renfrew	08/15/74	1111
CAN.BC	Sitka spruce	Old growth	Old Sitka spruce - 300-500yrs. San Juan valley. BCFP Port Renfrew	08/15/74	1112
CAN.BC	Red alder	Natural regeneration	Red alser regenerated besid old railway logging right-of-way. San Juan valley. approx. 35yrs old BCFP. Port Renfrew	08/15/74	1113
CAN.BC	Rd alder	Natural regeneration	Red alder on alluvial flats after logging in 1940's for Sitka spruceBCFP. Port Renfrew	08/15/74	1114
CAN.BC	Sitka spruce	Container - roots	Sitka spruce plug planted 1972 in red alder area. BCFP. Port Renfrew	08/15/74	1115
CAN.BC	Douglas fir	Frost heaving	Douglas fir bullet planted 1971, after 3yrs . N.B frost heaving. Braden Main, BCFP. Port Renfrew	08/15/74	1116
CAN.BC	Douglas fir	Clearcut with buffers	Clearcut with buffer strips. N.B. windthrow in buffers. BCFP Port Renfrew	08/15/74	1117
USA.AR	Ponderosa pine	Research station	Fort valley research station USFS. First research station of USFS. Flagstaff Arizona	11/15/73	1118
USA.AR	Ponderosa pine	Natural stand	Ponderosa pine 250yrs, Coconino Nat. Forest. Flagstaff Arizona	11/15/73	1119
USA.AR	Ponderosa pine	Regeneration - natural	Natural regeneration(54yrs. old) with 250 yrs stand. Coconino Nat. Forest. Flagstaff Arizona	11/15/73	1120
USA.AR	Ponderosa pine	Stand	Crowns of 250yrs ponderosa pine. Coconino Nat. Forest. Flagstaff Arizona	11/15/73	1121
USA.AR	Ponderosa pine	Tree crown	Crown of 250yr. ponderosa pine. Coconino Nat. Forest. Flagstaff, Arizona	11/15/73	1122
USA.AR	Ponderosa pine	Stand	Ponderosa pine 250yrs showing ranges on health evidenced by crowns -vigorous to debility. Coconino Nat. Forest. Flagstaff, Arizona	11/15/73	1123
USA.AR	Ponderosa pine	Mistletoe	Crown deformed by mistletoe in ponderosa pine 250yrs. Cocinino Nat. Forest. Flagstaff, arizona	11/15/73	1124
USA.AR	Ponderosa pine	Windthrow	recent windthrow in poderosa pine, Coconino Nat. Forest. Flagstaff Arizona	11/15/73	1125
USA.AR	Ponderosa pine	Windthrow	Old windthrow in pondrosa pine. Coconino Nat. Forest. Flagstaff, Arizona	11/15/73	1126
USA.AR	Ponderosa pine	Thinning	Ponderosa pine thinned from 20 sq.ft./Acre to 0. Fort valley Ext StaFlagstaff Arizona.	11/15/73	1127
USA.AR	Ponderosa pine	Thinning	Ponderosa pine thinned to 40 sq.ft./acre. Coconino nat. Forest. Flagstaff Arizona	11/15/73	1128
USA.AR	Ponderosa pine	Soil	Soil profile - Entisol in fine sandy silt supporting 250yr ponderosapine. Coconino Nat.Forest. Flagstaff	11/15/73	1129
USA.AR	Ponderosa pine	Thinning	Ponderosa pine at 54yrs. thinned at age 43yrs to 50sq.ft./acre.TaylorWoods. USFS Flagstaff	11/15/73	1130
USA.AR	Ponderosa pine	Thinning	Dense control in 54 yr. old ponderosa pine BA 150sq.ft./acre. personis Gil Schubert. Taylor Woods, USDA Flagstaff	11/15/73	1131
USA.AR	Ponderosa pine	Age classes	250 yr ponderosa pine with younger 54 yr old natural regeneration. Coconino Nat. Forest. Flagstaff	11/15/73	1132
USA.AR	Ponderosa pine	Natural regeneration	54 yr old natural regeneration of ponderosa pine.Coconino Nat.ForestFlagstaff	11/15/73	1133
USA.AR	Ponderosa pine	Regeneration - natural	54yr stand with Syrold regeneration after cut in 1967. Coconino Nat.Forest Flagstaff	11/15/73	1134
USA.AR	Ponderosa pine	Regeneration - browse	5-yr. old regeneration browsed by elk N.B. elk pellets. Coconino NatForest Flagstaff	11/15/73	1135
USA.AR	Ponderosa pine	Fire	Fire(week before photo) in open grown ponderosa pine. Sunset Crater,Flagstaff	11/15/73	1136
CAN.ON	Jack pine	Site preparation	Modified Bracke with packing wheels. Chapleau	08/15/75	1137
CAN.ON	Jack pine	Seeding- Bracke	Clearcut (170 acres), 1973, seeded to jack pine with Bracke in June 1975 at \$24/acre. N.B. heavy slash. Chapleau	08/15/75	1138
CAN.ON	Jack pine	Seed Production area	Cutover seeded with jack pine in 1955.Now Seed Production Area(SPA).20yr old. Person is Tony O'Donnell. Sheraton Twp. Timmins	08/15/75	1139
CAN.ON	Jack pine	Thinning	Jack pine seeded in 1968 on cutover then Precommercial thinned in 1974. Person is Peter Brook. White River	08/15/75	1140
CAN.ON	Jack pine	Site preparation.	Cutover prepared with Young's teeth and then seeded in 1974. Photo 1975. N.B. Slash is very heavy. Edith Twp.Ramsay. Chapleau	08/15/75	1141
CAN.ON	Jack pine	Seeded regeneration	Cutover scarified and seeded 1965 after 10 yrs. Ht. 2m. Twp 11B, Chapleau	08/15/75	1142
CAN.ON	Jack pine	Natural regeneration	Cutover scarified for natural regeneration in 1967 after 8 yrs. Little Aylesworth, Graham, Thunder Bay	08/15/75	1143
CAN.NB	Black spruce	Tree improvement	Black spruce cuttings set out for a seed production area.J.D.Irving, Sussex. person is Niels Kreiberg. cf. nursery slide #363	06/15/75	1144
CAN.NB	Jack pine	PLantation	Jack pine (2+0) planted 1972 after 3 yrs. N.B. budworm damage.Personis Niels Kreiberg. J.D.Irving. Pollet River, near entrance to Fundy National Park	06/15/75	1145
CAN.NB	Jack pine	Plantation	Jack pine machine planted in 1969. After 5 yrs Ht. 40cm. Person is Niels Kreiberg. J.D.Irving. Ryan Woods	06/15/75	1146
CAN.NB	Jack Pine	Plantation	Jack pine planted 1965.fter 10 yrs Ht.4-5m. Person is Niels KreibergJ.D.Irving. Chipman	06/15/75	1147
CAN.NB		Site preparation - equipment	Marden duplex chopper. J.D.Irving. Chipman	06/15/75	1148
CAN.NB	Jack pine	Plantation - container	jack pine paper pot planted Aug.1974. after 1 yr. J.D.Irving, McKeanBrook, Chipman	07/15/75	1149
CAN.NB	Jack pine	Container - roots	Jack pine paperpot planted Aug. 1974, cf slide #1149. J.D. Irving, McKean Brook, Chipman	07/15/75	1150
CAN.NB	Black spruce	Plantation - container	Black spruce paperpot, planted Aug.1973, photo June 1975. This is anaverage tree. J.D.Irving, Camp 66, Depot Brook, Miramichi	06/15/75	1151
CAN.NB	Jack pine	Plantation - container	Jack pine paperpot planted late July,1974, photo June 1975. J.D. Irving, Camp 62 south end. Miramichi	06/15/75	1152
CAN.NB	Jack pine	Container - roots	Jack pine paperpot planted late July 1974, photo June, 1975 cf slide# 1152. J.D.Irving, Camp 62, south end. Miramichi	06/15/75	1153

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.NB		Prescribed burn	Spring prescribed burn, 1975 in recent cutover. N.B. amount of slashstill left. J.D.Irving, Camp 62, Road#1. Miramichi	06/15/75	1154

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.NB	White spruce	Seed production Area	White spruce planted 1970 for seed production. Person is Maurice Dionne. J.D.Irving. Biggar Ridge, Juniper	06/15/75	1155
CAN.NB	White spruce	Seed Production area	White spruce planted 1970, after 5 yrs. J.D.Irving. Biggar Ridge, Juniper	06/15/75	1156
CAN.NB	Black spruce	Seed production are	Black spruce planted 1970. after 5 yrs. J.D.Irving. Biggar Ridge, Juniper	06/15/75	1157
CAN.NB	Eastern larch	Plantation	Eastern larch(2+0), planted 1972. HT in 1974 1.6-1.8m. J.D.Irving, Napadogan Road. N.B. amount of competition.Person is Niels Kreiberg	06/15/75	1158
CAN.NB	Black spruce	Plantation	Black spruce planted 1965, after 10 yrs. Ht. 4m, Dbh 6cm. Person is Niels Kreiberg. J.D.Irving, Camp 16. Black Brook	06/15/75	1159
CAN.NB	Black spruce	Plantation	General view of black spruce planted 1966 after 9 yrs. J.D.Irving Big Flat, Baseley Brook, Salmon River	06/15/75	1160
CAN.NB	Black spruce	Plantation	Black spruce planted 1966 after 9 yrs.Person is Niels Kreiberg, J.D.Irving, Big FlatBaseley Brook, Salmon River. Black Brook	06/15/75	1161
CAN.NB	Black spruce	Plantation	Tree # 60 millionth, planted 1974. J.D. Irving, Camp 8 Black Brook	06/15/75	1162
CAN.NB	Black spruce	Plantation - container	Black spruce paperpot planted Aug 1972, after 3 yrs. cf slide #959. J.D.Irving, Hunter Brook Road, Black Brook	06/15/75	1163
CAN.NB	Black spruce	Plantation	Black spruce paperpot planted Aug 1972 after 3 yrs. person is K.C. Irving, "showing off" his trees. J.D.Irving, Hunter Brook road, Black Brook	06/15/75	1164
CAN.NB	Eastern larch	Plantation	Easter larch planted 1972 after 4 seasons. Ht.2-3m. Napadogan Road, Juniper, J.D.Irving	07/15/76	1165
CAN.NB	Eastern larch	Plantation	Eastern larch planted 1972 after 4 yrs. person is Bob Bezzant. J.D. Irving, Napadogan Road, Juniper	07/15/76	1166
CAN.NB	Black spruce	Seed Production area	Black spruce planted 1970, after 6 yrs. Person is Bob Bezzant. J.D. Irving, Biggar ridge, Juniper	07/15/76	1167
CAN.NB	Jack pine	Plantation - roots	Jack pine(2+0) planted 1970 in shelter belt. N.B.roots. Person is Bob Bezzant. J.D.Irving, Biggar Ridge, Juniper.	07/15/76	1168
CAN.NB	Black spruce	Plantation	Black spruce(2+2), freezestored over winter planted Spring 1976. N.B.no check. Person is Pat Marceau. J.D.Irving. Veneer-cedar Brook RoadBlack Brook	07/15/76	1169
CAN.NB	Black spruce	Planting	Summer planting(Aug. 1976). Person is Jim Irving Jr. J.D.Irving, Black Brook	08/15/76	1170
CAN.NB.	Black spruce	Planting	Summer planting black spruce (2+2), Aug.1976. J.D.Irving,Black Brook	08/15/76	1171
CAN.ON	Black spruce	Plantation	Black spruce (2+2) planted 1952. Ht.9m, Dbh 15cm. Spruce Falls P&P. Moonbeam.	07/15/75	1172
CAN.NB	Black spruce	Plantation	Black spruce (2+2) planted 1952. Ht.6m,Dbh 8cm.Person is Tom RudolphPresident's Walk, Spruce Falls P&P. Kapuskasing	07/15/75	1173
CAN.ON	Black spruce	Strip cutting	Strip cut in early 1950's. After 20 yrs no regeneration. Person is Bob Day. Abitibi Paper, Raith	06/15/75	1174
CAN.ON	Jack pine	Regeneration - natural	Natural regen of jack pine (4-5yrs old) after summer logging. Person is Dunc Naysmith. Abitibi Paper Block #2. Thunder Bay	06/15/75	1175
CAN.ON	Jack pine	Plantation - container	Area site prepared and planted to jack pine paperpots Spring 1976. Abitibi Paper Block #2. Thunder Bay	06/15/76	1176
CAN.ON		Greenhouses	Plastic houses erected June 1976 to grow 375k jack pine in paperpotsfor Freehold.Abitibi-Price Camp 228. Thunder Bay	07/15/76	1177
CAN.ON	Jack pine	Container production	Jack pine sown late June, photo Aug. Person is Frank Robinson. Abitibi-Price, Camp 228,Thunder Bay	08/15/76	1178
CAN.ON		Site preparation - chains	Anchor chains (55lb links). Sioux lookout	06/15/76	1179
CAN.ON		Site preparation	Anchor chains(55lb links) used to prepare site for planting. Sapawe	06/15/76	1180
CAN.ON	Jack pine	Disease	Peridermium harknessii on jack pine. N.B. repeated branching.Sapawe	06/15/76	1181
CAN.ON	Jack pine	Disease	Peridrmium harknessii galls on jack pine. Sapawe	06/15/76	1182
CAN.ON	Jack pine	Disease	Peridermium harknessii on jack pine at base causing death of planted tree at 12yrs. Abitibi-Paper, Spruce River Road	08/15/76	1183
CAN.ON	Jack pine	Stand	Natural jack pine, 85 yrs. Ht. 22m. Dbh 34cm.BA 23sq.m./ha. Companion Lake, Sapawe	07/15/76	1184
CAN.ON	Jack pine	Stand - crowns	Crowns of 85yr old natural jack pine cf Slide # 1184. Companion LakeSapawe	07/15/76	1185
CAN.ON	Black spruce	Regeneration - natural	Black spruce natural, 10 yrs from seed. Ht.2.3m. Person is Rick Cooper. Sapawe	07/15/76	1186
CAN.ON	Jack pine-white & black spruce	Plantation	Alternate row planting Jack pine,white& black spruce planted 1961. Pnb.Ht6m,Dbh9cm;Plg Ht.5.1m Dbh6cm;Plm Ht.5.8m. Dbh8.5cm. Sandra TWPBeardmore	08/15/75	1187
CAN.ON	Jack pine-white & black spruce	Plantation	Alternate rows of jack pine, white and black spruce at 15yrs. SandraTwp. Beardmore.	07/15/75	1188
CAN.ON	Black spruce	Stand	110yr old natural black spruce. N.B. total lack of ground cover and regeneration. Beardmore	08/15/75	1189
CAN.ON	Black spruce	Strip clearcutting	Strip clearcutting in black spruce. Domtar Licence. Beardmore	06/15/76	1190
CAN.ON	Black spruce	Strip clearcutting	Strip cut (100ft width) 1963, 50ft width left then cut in 1965. Natural regen. after 10yrs 1.5-1.8m Ht. Domtar. Camp 56. Beardmore Person is George Marek	06/15/75	1191
CAN.ON	White spruce	Regeneration - seeding	White spruce in poplar.Area scarified before spruce seed year.LoggedFal & Winter of seed year. N.B.regen. after 3yrs. Domtar Licence, Camp 56, Beardmore	06/15/75	1192
CAN.ON	Black spruce	Clearcut	Area cut 1971-72. No regen. Soil 60cm peat over clay.Abitibi-Price, Camp 40, Crawford Twp. Smooth Rock Falls. Persons Dunc Naysmith, Frank Robinson +2	08/15/76	1193
CAN.ON	Black spruce	Clearcut	Cutover 1971-72. N.B. lack of regen. andalders. Soil 1-1.5mpeat/clayAbitibi-Price, Camp 40, Smooth Rock Falls.	08/15/76	1194
CAN.ON	Black spruce	Cutover	Cut for spruce 1971-72. Soil well-drained loam. N.B. POT regen. 3-4mHt. Abitibi-Price, Camp 40, Carnegie Twp. Person is Frank Robinson	07/15/76	1195
CAN.ON	Black spruce	Regeneration - natural	Natural regen. at 4yrs after 1971-72 cut. Soil 1m peat/clay. Abitibi-Price Camp 40, Carnegie Twp. Smooth Rock Falls.	07/15/76	1196
CAN.ON	Black spruce	Regeneration	Natural regeneration of black spruce after 1962-63 cut. Ht.3m. Abitibi-Price, Camp 40, Nesbitt Twp. Smooth Rock Falls. Person is Charlie Miller.	07/15/76	1197
CAN.ON	Black spruce	Clearcut	Clearcut 1962-63, soil 30cmpeat/loam. dense alder & suppressed blackspruce. N.B.Larch 12yrs old Ht.3.7m. Person is George Stancik. Abitibi-Price, Nesbitt Twp. Smooth Rock Falls	07/15/76	1198
CAN.ON	Black spruce	Natural regeneration	Black spruce and larch regen. after cutting 1935-36, on 1.3m.peat. Plm Ht.11m. LAI Ht.15m. Abitibi-Price, Camp 40 Dargavel haul road, Smooth Rock Falls	07/15/76	1199
CAN.ON	Black spruce	Natural regeneration	Natural regeneration after cut 1957-58. Plm 14yrs, Ht 4.3m. Abitibi-Price Smooth Rock Falls. Person is Les Snook	07/15/76	1200
CAN.ON	Black spruce	Clearcutting	Current cutover(1975-76) tree length;soil 0.6m peat/clay. Crown landnear Camp 40. Person is Frank Robinson	07/15/76	1201
CAN.ON	Trembling aspen	stand	POT 39 yrs old following logging. Ht. 21m. Dbh 20cm. Soil: L-1cm,H-8cm, +Ah. Abitibi-Price, Aubin Landing,Mattagami riverSmooth Rock Falls	07/15/76	1202
CAN.ON	Eastern larch	Regeneration	Larch regeneration, 15yrs after cutting. Person is Charlie Miller. Abitibi-Price, Dargavel-Aubin Twp. line. Smooth Rock Falls	07/15/76	1203
CAN.ON	Red pine	Stand	Natural red pine along the Mattagami River, Mabee Twp. Smooth Rock Falls	07/15/76	1204
CAN.ON	Black spruce	Clearcut	Current clearcut - tree length, 25cds/acre. Soil 0.6m peat/clay. Abitibi-Price north of Timmins.	08/15/76	1205
CAN.ON	Black spruce	Clearcut	Current clearcut N.B. clearcut to where it merges with alder.Abitibi-Price, north of Timmins	07/15/76	1206
CAN.ON	Jack pine	Site preparation- flail	Flail for site preparation in jack pine developed byJukka Heikurinen. Englehart Management Unit. Swastika	09/15/76	1207
CAN.ON	Jack pine	Site preparation - flail	Effect of flail(cf slide #1207) on forest floor, N.B. Ae exposed. Person is Bob Vincent. Englehart ManagementUnit Swastika	09/15/76	1208
CAN.ON	White pine	Cones	Heavy cone crop in white pine. Parry Sound	09/15/76	1209
CAN.BC		Licence areas	Map of BC showing main licence areas as of 1976	03/15/76	1210
CAN.BC	Douglas fir	Lumber	Lumber for UK and Japan. Seaboard Lumber Wharf. North Vancouver.	03/15/76	1211
CAN.BC	Douglas fir	Lumber	Seaboard Lumber Wharf. Person is Greg Taylo, and son. He was managerfor Seaboard.	03/15/76	1212
CAN.NB	Balsam fir	Cutover - logs	Balsam fir sawlogs. Bathurst N.B.. Person is Barry Nelson	03/15/76	1213
CAN.NB	Balsam fir	Cutover	The "best" forest that was being harvested by the N.B.Forest Auth'tyat Bathurst. This was about the 3rd or 4th cycle of cutting since settlement	03/15/76	1214

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.NB	Balsam fir	Stand	Typical balsam fir stand being harvested by N.B. Forest Auth'ty. N.B.the poor quality and size. This is for both sawlogs & pulpwood	03/15/76	1215

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.NB	Balsam fir	Cutover	Typical cutover. N.B. Forest Auth'y. Bathurst, N.B.	03/15/76	1216
CAN.NB		Sawmill	N.B.Forest Auth'y core sawmill at Bathurst. N.B. "beehive" waste burner.	03/15/76	1217
CAN.NB		Logs	Log pile at Bathurst, N.B. Forest Auth'y core mill. N.B. size and defects in these low quality but typical logs for mill 50mm.ftm capacity	03/15/76	1218
CAN.NB		Logs	Peeled logs going into Bathurst mill. cf Slides# 1216, 1217, 1218	03/15/76	1219
CAN.AB	Lodgepole pine	Regeneration	Block cut 1960 adjacent to residual block cut 1968. Photo 1976. Athabaska XIII, Northwestern Pulp & Power. Hinton	04/15/76	1220
CAN.AB	Lodgepole pine	Regeneration	Boundary between 1960 and 1969 block cuts. 1969 planted with tube seedlings. Athabaska XIII, Northwestern Pulp & Power. Hinton	04/15/76	1221
CAN.AB	Lodgepole pine	Regeneration	Lodgepole pine planted 1969 in Ontario tubes after 6 years.AthabaskaXIII, Northwestern Pulp & Power, Hinton.	04/15/76	1222
CAN.AB	Lodgepole pine	Regeneration - seeded & planted	Clearcut 1969, site prepared with blades 1970, seeded 1970 and plant1972. photo 1976. Elev 4500ft. Athabaska XIII. Northwestern Pulp & Power. Hinton.	04/15/76	1223
CAN.AB	Lodgepole pine	Cutovers	General view of area with cutovers and areas being bladed for regen.Athabaska XIII. Northwestern Pulp & Power. Hinton	04/15/76	1224
CAN.AB	Lodgepole pine	Clearcuts	General view of curren cuts. Elev. 3200ft. Northwestern Pulp & PowerHinton	04/15/76	1225
CAN.AB	Lodgepole pine	Clearcut	View of forest floor immediately after harvesting. Northwestern Pulpand Power, Hinton	04/15/76	1226
CAN.AB	Lodgepole pine	Logs	Logs at landing, from cutover slide #1226. Northwestern Pulp & PowerHinton	04/15/76	1227
CAN.AB	White spruce-lodgepole pine	Site preparation - blades	Blade scarification using D8; 2-3 acres/hour. N.B. frozen soil underwhere blade is scraping. Northwestern Pulp & Power. Hinton	04/15/76	1228
CAN.AB	White spruce - Lodgepole pine	Site preparation - blades	D8 blade scarifying. cf slide #1228. Northwestern Pulp & Power. Hinton	04/15/76	1229
CAN.AB	White spruce -lodgepole pine	Site preparation- blades	D8 blading cutover. N.B.difference between bladed and non-bladed areaof cutover. Northwester Pulp & Power. Hinton	04/15/76	1230
CAN.AB	White spruce-lodgepole pine	Site preparation-blades	Final result of blading in early Spring with D8. Northwestern Pulp &Power. Hinton	04/15/76	1231
CAN.AB	Lodgepole pine-fir-spruce	Site preparation	Cutover 1969 then bladed and chain scarified. Elev. 4800ft. Person is Jack Wright. Northwestern Pulp & Power. Hinton	04/15/76	1232
CAN.AB	Lodgepole pine	Site preparation	Clearcut 1969, bladed and chain scarified for natural. Northwestern Pulp and Power, Hinton. Athabaska XVI	03/15/76	1233
CAN.AB	Lodgepole pine	Clearcut	Clearcut 1969 at elev. 4800ft. General view, 1976. Northwestern Pulpand Power, Hinton	03/15/76	1234
CAN.AB	Engelman spruce and alpine fir	Stand	Engelmann spruce and alpine fir(A.lasiocarpa) 400yrs+ at Elev. 5000 ft. N.B.decadence. Northwestern Pulp and Power, Hinton	03/15/76	1235
CAN.AB	Engelmann spruce and alpine fir	Stand	Engelmann spruce and alpine fir(A.lasiocarpa) 400yrs+ at Elev. 5000 ft. Northwestern Pulp and Power, Hinton	03/15/76	1236
CAN.AB	Engelmann spruce and alpine fir	Stand	Engelmann spruce and alpine fir 400yrs+ at Elev. 5000ft.NorthwesternPulp and Power, Hinton. N.B. decay and mortality	03/15/76	1237
CAN.AB	Lodgepole pine	Clearcutting	General view of area to show block clearcutting.Northwestern Pulp & Power, Hinton	03/15/76	1238
CAN.AB		Seismic activities	"Nose" transmitter used by seismic crews. Northwestern Pulp and PowerHinton	03/15/76	1239
CAN.AB	Lodgepole pine	Regeneration	Clearcut 1957-58; scarified for natural 1960, after 16yrs.Elev4700ftMcLeod IX Robb Rd. Ski hill. cf Slides # 31 & 32. Northwestern Pulp and Power, Hinton	03/15/76	1240
CAN.AB	Lodgepole pine	Regeneration	Area clearcut 1957-58; scarified 1960 for natural.Elev. 4700ft. McLeod XI, Robb Rd. Ski Hill. cf slides #32 & 43. Northwestern Pulp and Power, Hinton	03/15/76	1241
CAN.AB	Lodgepole pine	Thinning-precommercial	Fire stand of lodgepole pine(cf slide #51); precommercially thinned 1963. McLeod IV. Northwestern Pulp & Power, Hinton	03/15/76	1242
CAN.AB	Lodgepole pine	Thinning, precommercial	Lodgepole pine fir stand(cf slide #51). Precommercially thinned 1963.Person is Jack Wright. McLeod IV. Northwestern Pulp & Power, Hinton	03/15/76	1243
CAN.AB	Lodgepole pine	Natural-unthinned	Fire origin lodgepole pine same standa as slides #1242,1243, but in unthinned section.N.B. differnece in tree size. McLeod IV, Northwestern Pulp & Power, Hinton	03/15/76	1244
CAN.AB	Lodgepole pine	Landscape	General view at McLeod IV from thinned fire origin stand. N.B. Blockclearcut in background. Northwestern Pulp & Power, Hinton	03/15/76	1245
CAN.AB	Lodgepole pine	Disease	Peridermium harknessii gall on lodgepole pine. Northwestern Pulp & Power, Hinton	03/15/76	1246
CAN.AB	Lodgepole pine	Logging	Aerial view of logging in lodgepole pine at Grande Prairie by Procter & Gamble(now Weyerhaeuser)	03/15/76	1247
CAN.AB	Lodgepole pine	Logging	Aerial view of logging in lodgepole pine at Grande Prairie by Procter & Gamble(now Weyerhaeuser)	03/15/76	1248
CAN.AB	Lodgepole pine	Stand	Stand of lodgepole pine 160yrs. + in process of being clearcut.GrandePrairie, Procter & Gamble.	03/15/76	1249
CAN.AB	Lodgepole pine	Clearcuts	Aerial view of clearuts in lodgepole pine. Grande Prairie, Procter & Gamble. now Weyerhaeuser.	03/15/76	1250
CAN.AB	Lodgepole pine	Site preparation	Aerial view of site preparation on clearcut with blade & teeth. Grande Prairie. Procter & Gamble(now Weyerhaeuser)	03/15/76	1251
CAN.AB	Lodgepole pine	Regeneration	Natural regeneration following fire. Grande Prairie.Procter & Gamblecf slide # 1253	03/15/76	1252
CAN.AB	Lodgepole pine	Regeneration	Aerial view of burn (cf slide # 1252) showing regenerated pine(blackdots in snow). Grande Prairie, Procter & Gamble(now Weyerhaeuser)	03/15/76	1253
CAN.AB	Lodgepole pine	Clearcuts	Aerial view of block clearcuts. Grande Prairie, Procter & Gamble,	03/15/76	1254
CAN.AB	Lodgepole pine	Site preparation	Aerial view of cutover that has been bladed and slash windrowed. Grande Prairie, Procter & Gamble	03/15/76	1255
CAN.Ab		Trailer camp	Procter & Gamble trailer camp for logging crews. Grande Prairie	03/15/76	1256
CAN.AB	Lodgepole pine-black spruce	Stand	Aerial view of fire origin lodgepole pine and black spruce. Grande Prairie, Procter & Gamble	03/15/76	1257
CAN.AB	Lodgepole pine-spruce-poplar	Stand	Aerial view of mixed lodgepole pine/spruce(engelmann & white) and balsam poplar. Grande Prairie. Procter & Gamble	03/15/76	1258
CAN.AB	Lodgepole pine-spruce	Clearcuts	Aerial view of block clearcuts in lodgepole pine-spruce. Grande Prairie, Procter & Gamble(now Weuerhaeuser)	03/15/76	1259
CAN.AB	Lodgepole pine	Clearcut	Block clearcut(recent) N.B. small area in road. Grande Prairie, Procter & Gamble (now Weyerhaeuser)	03/15/76	1260
CAN.AB	Lodgepole pine	Clearcut	Aerial view of clearcut. Grande Prairie, Procter & Gamble(now Weyerhaeuser).	03/15/76	1261
CAN.AB	Lodgepole pine	Forest	Fire origin lodgepole pine; Proctor& Gamble, Grande Prairie	04/15/78	1262
CAN.AB	Lodegpole pine	Caribou habitat	Winter range land for caribou. Procter & Gamble, Grande Prairie	04/15/76	1263
CAN.AB		Pulp mill	Procter & Gamble pulp mill on Wapiti River, Grande Prairie	04/15/76	1264
CAN.AB		Pulp mill	Settling ponds of Procter & Gamble pulp mill on Wapiti River, GrandePrairie	04/15/76	1265
CAN.ON	White spruce	Plantation	White spruce planted 1965; aerial 24-D 1969; cleaned 1975.Aldina TwpFort William M.U.Thunder Bay. person is Ed Lefave. cf slides#155 & #510	08/15/75	1266
CAN.ON	Black spruce	Upland tree	Natural black spruce 37yrs..Ht. 12.1m.,Dbh 16cm.,Crown Diam 2.25m. Dog River Road,Thunder Bay	08/15/75	1266
CAN.BC	Douglas fir	Clearcut	Clearcut in Douglas fir & alpine fir at 3500ft.(1067m.).Dewdney PSYUChilliwack.	09/15/77	1268
CAN.BC	Douglas fir	Clearcut-patch	Patch clearcut in Douglas fir/alpine fir at 3500ft.(1067m.). DewdneyPSYU, Chilliwack.	09/15/77	1269
CAN.BC	Douglas fir	Plantation	Area burned and planted 1958. some logging in residuals in 1960. Dewdney PSYU, Chilliwack	09/15/77	1270
CAN.BC	Douglas fir	Plantation	Area burned & planted 1958; spaced to 6X6 in 1974, now(1977) being spaced to12X12. N.B. large tree is one of planted ones, ones removedby spacingwere natural. Dewdney PSYU, Chilliwack	09/15/77	1271
CAN.ON	Jack pine	Seeding regeneration	Jack pine at 12 yrs. after clearcutting then site preparation with Imset scarifier. White River. Person is Eric Bukowicki.	08/15/77	1272
CAN.ON	Black spruce	Plantation	Black spruce at 6 yrs(planted 1971 in corridor), Ht. 1.34m. White River. Person is Eric Bukowicki	08/15/77	1273
CAN.ON	Jack pine	Plantation	Site prepared 1975, planted with jack pine paperpots 1976.photo Sept1977; Abitibi-Price Freehold,Raith, Block 2, Thunder Bay.Persons areDunc Naysmith, Frank Robinson, Bob Stoddart	09/15/77	1274
CAN.ON	Jack pine	Plantation	Jack pine paperpot planted 1976 after 1 yr.Photo Sept/1977. Block 2 Raith, Abitibi-Price freehold, Thunder Bay	09/15/77	1275

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON	Jack pine	Plantation	Jack pine paperpots planted 1976, after 1 yr.Ht. 92cm. Block 2 RaithAbitibi-Price, Thunder Bay. Person is Bob Stoddart	09/15/77	1276

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON	Jack pine	Plantation	Jack pine paperpot planted 1976 after 1yr. Block 2 Raith, Abitibi- Price, Thunder Bay. person is Dunc Naysmith.	09/15/77	1277
CAN.ON	Jack pine	Plantation	Jack pine paperpot planted 1976, Block 2, Raith, Abitibi-Price, freehold, Thunder Bay. Persons are Bob Stoddart & Con Howe	09/15/77	1278
CAN.ON	Eastern larch	Plantation	Rooted cutting of eastern larch, planted Block 3, Raith plantd 1977 Person is Frank Robinson	09/15/77	1279
CAN.ON	Eastern larch	Plantation	Rooted cutting of eastern larch planted 1977, Block 3 Raith, AbitibiPrice freehold, Thunder Bay.	09/15/77	1280
CAN.NF		Burn	Area burned 1976, as seen in July, 1977. Abitibi-Price Nfld. Person is Mac Squires.	07/15/77	1281
CAN.NF	Balsam fir	Forest	Aerial view of forest showing prvious cutover lands in stages of regeneration. Abitibi-Price, Nfld.	08/15/77	1282
CAN.NF	Balsam fir	Forest	Aerial view of forest. N.B. regenerated old cutover in foreground. Abitibi-Price Nfld.	08/15/77	1283
CAN.NF	Balsam fir	Burn	Aerial view of 1976 burn in 1977. cf Slide #1281. Abitibi-Price NfldGrand Falls	08/15/77	1284
CAN.AB	Lodgepole pine	Regeneration	Lodgepole pine 3 yrs after scarification and seeding. Proctor&GambleGrande Prairie.	06/15/77	1285
CAN.AB	Lodgepole pine	Drought damage	Lodgepole pine 3 yrs after scarification and seeding N.B. dead top from drought damage.Proctor & Gamble, Grande Prairie	06/15/77	1286
CAN.AB		Pulp mill	Aerial view of pulp mill and settling ponds, Proctor & Gamble, GrandPrairie.	06/15/77	1287
CAN.AB	White spruce-Aspen	Partial cut	Conifer harvested from mixed wood leaving poplar on finer textured soil	06/15/77	1288
CAN.AB	Lodgepole pine	Cutover	Scarified cutover after two yrs. Proctor & Gamble, Grande Prairie	06/15/77	1289
CAN.AB	Lodgepole pine	Cutover- current	Aerial view of current cutover. N.B. log deck in foreground. Proctor& Gamble, Grande Prairie	06/15/77	1290
CAN.AB	Lodgepole pine	Site preparation	Aerial view of cutover scarified for natural regeneration. Proctor & Gamble. Grande Prairie	06/15/77	1291
CAN.AB	Ladgепole pine- poplar	Cutover	Recent cutover in old quota area(Sawlogs only by quotaholder), Proctor & Gamble, Grande Prairie	06/15/77	1292
CAN.AB	Lodgepole pine	Clearcut	Current clearcut, N.B. log decks. Proctor & Gamble, Grande Prairie	06/15/77	1293
CAN.AB	Lodgepole pine	Clearcut	Current clearcut N.B. log decks and residual poplar.Proctor & GambleGrande Prairie	06/15/77	1294
CAN.AB	Lodgepole pine	Clearcut	Current whole tree operation. Proctor & Gamble Grande Prairie	06/15/77	1295
CAN.AB	Lodgepole pine	Clearcut/uncut edge	Sharp boundary between cut and uncut forest. Proctor & Gamble,GrandePrairie	06/15/77	1296
CAN.AB	Lodgepole pine	Site preparation	Site prepared lodgepole pine cutover. Proctor & Gamble,Grande Prairie. Persons are Fred Robinson and Wes Lawrence.	06/15/77	1297
CAN.AB	Lodgepole pine	Seeding	Seedling from 1975 seeding, photo, June 1977.Seedling by toe ofboot Proctor & Gamble, Grande Prairie	06/15/77	1298
CAN.AB	Lodgepole pine	Seeding regeneration	Lodgepole pine cutover seeded in Fall1976 @ 18,000seeds/ac(44,400/hallags mark location of coteyledonous seedlings. Proctor & Gamble, Grande Prairie	06/15/77	1299
CAN.AB	Lodgepole pine	Site preparation	Lodgepole pine clearcut being site prepared for seeding. Proctor & Gamble, Grande Prairie	06/15/77	1300
CAN.AB	Lodgepole pine	Site preparation	D-8 used in site preparation of lodgepole pine clearcut. Proctor & Gamble, Grande Prairie	06/15/77	1301
CAN.AB	Lodgepole pine	Site Preparation	D-8 pulling 40lb link chains(7 rows) in preparation for seeding. Proctor & Gamble, Grande Prairie	06/15/77	1302
CAN.AB	Lodgepole pine	Site preparation	View of D-8 pulling seven rows of spiked chains(40lb. links).Proctor& Gamble Grande Prairie	06/15/77	1303
CAN.AB	Lodgepole pine	Site preparation	Close-up of drawbar being pulled by D-8 and attachment to chains. Proctor & Gamble	06/15/77	1304
CAN.AB	Lodgepole pine	Site preparation	Close-up of shoes on front blade of D-8 pulling chains for site preparation. Proctor & Gamble, Grande Prairie. N.B. Light slash	06/15/77	1305
CAN.AB	Lodgepole pine	Site preparation	Comparison of treated vs untreated with chains. N.B. light slash dueto whole tree harvesting. Proctor & Gamble, Grande Prairie	06/15/77	1306
CAN.AB	White spruce	PLanting stock	White spruce in Spencer-lemaire containers under shade house prior to being planted. Saddle Hills, Proctor & Gamble. Person is Fred Robinson	06/15/77	1307
CAN.AB	White spruce	Plantation	Planted Spencer-lemaire (see slide # 1307), in clay loam,day plantedSaddle Hills, Proctor & Gamble	06/15/77	1308
CAN.AB	White spruce	Site preparation	Blade site prepn. in clay loam for planting Spencer-lemaire stock. Saddle Hills, Proctor & Gamble	06/15/77	1309
CAN.AB	White spruce	Site preparation	Bladed area in clay loam. Persons are: Fred Robinson, Wes Lawrence &Daryl Morris. Saddle Hills, Proctor & Gamble	06/15/77	1310
CAN.AB	White spruce	Planting	Woman planting white spruce Spencer-lemaire stock in bald site prepd area, using planting bar. N.B.water in tractor rut. Saddle Hills, Proctor & Gamble	06/15/77	1311
CAN.AB	White spruce	Planting	Women planting Spencer-lemaire stock in bladsite prepared area. N.B.slash, & bare surface. Saddle Hills, Proctor & Gamble	06/15/77	1312
CAN.AB	White spruce	Planting	Tree carrier and women loading up their waist-holders with Spencer- lemaire stock. Saddle Hills, Proctor & Gamble	06/15/77	1313
CAN.AB	White spruce	Planting	Women sorting Spencer-lemaire container stock ready for planting. Saddle Hills, Proctor & Gamble	06/15/77	1314
CAN.AB	White spruce	Planting	Women planting in blade site prepared area. N.B. amount of slash andwind-rowed material. Saddle Hills, Proctor & Gamble	06/15/77	1315
CAN.AB	White spruce	Planting	Woman planting in blade site prepd. area.N.B.amount of downed poplarslash. Saddle Hills, Proctor & Gamble	06/15/77	1316
CAN.AB	White spruce	Planting	Woman using planting bar to plant Spencer-lemaire stock.Saddle HillsProctor & Gamble	06/15/77	1317
CAN.AB	White spruce	Seeding	Aerial view of stand site prepared for seedling with white spruce. Probability of success? Saddle Hills, Proctor & Gamble	06/15/77	1318
CAN.AB	White spruce	Planting	Bracke prepared area(7yrs after failed regeneration) using Spencer- lemaire stock. At 4,500ft.(1,370m.). Northwestern Pulp & Power, Hinton	06/15/77	1319
CAN.AB	White spruce	Planting	Pinating white spruce Spencer-lemaire stock after Bracke site prepn.in 7yr failed regen area. N.B. using Potti-putki. Northwestern Pulp & Power, Hinton	06/15/77	1320
CAN.AB	White spruce	Planting	Woman planter with tray of Spencer-lemaire stock and Potti-putki. A "happy planter". Northwestern Pulp & Power, Hinton	06/15/77	1321
CAN.AB	White spruce	Site preparation	Old cutover site prepared using Bracke cultivator. Northwestern Pulp& Power, Hinton. N.B. This is an old cutover.	06/15/77	1322
CAN.AB	White spruce	Site preparation	Bracke cultivator used to prepare area for planting. Northwestern Pulp & Power, Hinton	06/15/77	1323
CAN.AB	White spruce	Plantation	White spruce after 2 yrs in similar are to those being planted at 4,500ft elev.(Slides #1319 & 1320). Northwestern Pulp & Power,Hinton	06/15/77	1324
CAN.AB	Lodgepole pine	Clearcut patterns	Clearcuts of various ages. Northwestern Pulp & Power, Hinton	06/15/77	1325
CAN.AB	Lodgepole pine	Clearcuts	Patterns/Landscape of clearcuts in various stages of development. Northwestern Pulp & Power, Hinton	06/15/77	1326
CAN.AB	Lodgepole pine	Plantation	Clearcuts 1976 in baackground and 1964 that was regenerated in fore & middle ground. Northwestern Pulp & Power, Hinton	06/15/77	1327
CAN.AB	Lodgepole pine	Thinning-precommercial	Pe-commercial thinning in 12yr lodgepole pine, using brush saw. Northwestern Pulp & Power, Hinton	06/15/77	1328
CAN.AB	Lodgepole pine	Thinning-pre-commercial	Pre-commercial thinning in 12 yr lodgepole pine using brush saw. Northwestern Pulp & Power, Hinton	06/15/77	1329
CAN.AB	Lodgepole pine	Thinning- pre-commercial	Thinning using a Sandvik cutter in 12 yr lodgepole pine. NorthwesternPulp & Power, Hinton	06/15/77	1330
CAN.AB	Lodgepole pine	Seeding	Area seeded with lodgepole pine in 1965-66, at 11 yrs. Person is Jack Wright. Northwestern Pulp & Power, Hinton	06/15/77	1331
CAN.AB	Lodgepole pine	Plantation	Area seeded 1965-66 same as slide # 1331, but this was where seed from Berland Working Circle was used. N.B. Large diameter. North we-sterm Pulp & Power, Hinton	06/15/77	1332
CAN.AB	Alpine fir	Drought	Drought/late winter dessication in Abies lasiocarpa(alpine fir). McLeod Working Circle, Northwestern Pulp & Power, Hinton	06/15/77	1333
CAN.AB	Lodgepole pine	Drought	Drought/late winter dessication in lodgepole pine.(cf. slide # 1333)McLeod Working Circle. Northwestern Pulp & Power, Hinton	06/15/77	1334
CAN.AB	Lodgepole pine	Seeding regeneration	Lodgepole pine 3 yrs after site preparation & seeding. Northwestern Pulp & Power, Hinton	06/15/77	1335
CAN.AB	Lodgepole pine	Seeding regeneration	Lodgepole pine seedlings in soil with light organic matter cover over mineral soil. Northwestern Pulp & Power, Hinton cf. slide 1337	06/15/77	1336

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.AB	Lodgepole pine	Frost heaving	Frost heaving in clay loam N.B. lodgepole pine seedlings. cf. slide # 1336. Northwestern Pulp & Power, Hinton	06/15/77	1337

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.AB	Lodgepole pine	Prescribed fire	Area prescribed burn. Embaras Working Circle. Persons are:Bob Udelbert Simmonds & Fred Robinson. Northwestern Pulp & Power, Hinton	06/15/77	1338
CAN.BC	Douglas fir	Site preparation	Location of Bob McMin's site preparation trials.Bowron River,PrinceGeorge. Person is Fred Robinson.	06/15/77	1339
CAN.BC	White spruce	Plantation	PLanted white spruce at 2 yrs, on site prepared area. Bowron River,Prince George.	06/15/77	1340
CAN.BC	Lodgepole pine	Plantation - roots	Distorted roots on bare root planted lodgepole pine. Bowron River, Prince George	06/15/77	1341
CAN.BC	White spruce	Regeneration	Area logged 1953-55, site prepared with regeneration from natural seed. Bowron River, Prince George. Person is Bob Jones.	06/15/77	1342
CAN.BC	White spruce	Tree form	White spruce left as seed source in cutover margin. Bowron River, Prince George.	06/15/77	1343
CAN.BC	White spruce	Plantation-prescribed burn	Area logged 1968-69, prescribed burn 1970; planted with white spruce1971. Now 6yrs later. Bowron River, Prince George	06/15/77	1344
CAN.BC	White spruce-lodgepole pine	Prescribed burn-plantation	Area logged 1968-69, prescribed burn 1970, white spruce planted 1971Now has natural douglas fir and lodgepole pine. Log Lake, Prince George	06/15/77	1345
CAN.BC	Lodgepole pine	Planted roots	Mattock planted lodgepole pine after seven years. Prince George. cf.slide # 1347	06/15/77	1346
CAN.BC	White spruce	Planted-roots	White spruce mattock planted after 7 yrs. N.B. roots cf. slide#1346Prince George	06/15/77	1347
CAN.BC	Lodgepole pine	Planted-roots	Clubbed root in mattock planted lodgepole pine after 7 yrs. cf slide#1346. Prince George	06/15/77	1348
CAN.BC	White spruce	Regeneration	White spruce natural on site prepared by blade in 1958.The firstsite preparation in BC ! Prince George.Person is John Revel.	06/15/77	1349
CAN.BC	Lodgepole pine	Insect damage	Root collar weevil(Hylobius spp.) in 7yr planted lodgepole pine. Prince George.	06/15/77	1350
CAN.BC	Lodgepole pine	Insect damage	Root collar weevil(Hylobius spp.) in 7yr planted lodgepole pine. Prince George	06/15/77	1351
CAN.BC	Lodgepole pine	Regeneration	Area clearcut 1968-69, site prepared with chains 1970. Regeneration is ca. 1m ht. West of Prince George	06/15/77	1352
CAN.BC	Lodgepole pine	Disease	Stem canker(Periderium harknessii) in lodgepole pine.N.B. location of canker at base of stem. Prince George	06/15/77	1353
CAN.BC	Lodgepole pine	General view	General view of forest Willow River PSYU. N.B. Burn area in middle- fore ground. Prince George	06/15/77	1354
CAN.BC	Lodgepole pine	Forest	General view oflodgepole pine forest. Willow River Public Sustained Yield Unit(PSYU). Prince George	06/15/77	1355
CAN.BC	Lodgepole pine	Clearcut	Recent clearcut in lodgepole pine. Willow River PSYU.Prince George	06/15/77	1356
CAN.BC	Lodgepole pine	Prescribed burn	Aerial view of recent prescribed burn.Willow River PSYU. Prince George	06/15/77	1357
CAN.BC	Lodgepole pine	Clearcut	Aerial view of recent clearcut. Willow River PSYU. Prince George	06/15/77	1358
CAN.BC	Lodgepole pine	Windrowed slash	Aerial view of clearcut with windrowed slash. Willow River PSYU. Prince George	06/15/77	1359
CAN.BC	Lodgepole pine	Clearcuts	Aerial view of clearcuts and general forest. Willow River PSYU. Prince George	06/15/77	1360
CAN.BC	Lodgepole pine	Slash in clearcut	Windrowed slash in clearcut. Willow River PSYU. Prince Gerge. cf. slide # 1359	06/15/77	1361
CAN.BC	Lodgepole pine	Regeneration	Aerial view of regeneration 3yrs after windrowing of slash in cut. Willow River PSYU. cf Slides # 1359 & 1361	06/15/77	1362
CAN.BC	Lodgepole pine	Cutover - old	Old cutover, no treatment. N.B. it was strip cut and residuals were spruce. Willow River PSYU. Prince George.	06/15/77	1363
CAN.BC	White spruce	Prescribed burn	Area prescribed burn as preparation for planting. Willow River PSYU,Prince George. cf slide #1365	06/15/77	1364
CAN.BC	White spruce	Plantation-prescribed burn	PLanted white spruce after 4 yrs. following prescribed burn of cut. Willow River OSYU. Prince George. Person is John Revel.	06/15/77	1365
CAN.BC	White spruce	Cutover-old	Old(15-20 yrs) cutover. N.B. strips and residual trees.Willow River PSYU. Prince George.	06/15/77	1366
CAN.NF	Balsam fir	Clearcut	Aerial view of clearcut. Grand Falls, Abitibi-Price. N.B. slash	07/15/77	1367
CAN.NF	Balsam fir	Insect damage	Aerial view of budworm damage in balsam fir. Grand Falls, Abitibi-Price	07/15/77	1368
CAN.NF	Balsam fir	Insect damage	Budworm damage on young balsam fir. Grand Falls, Abitibi-Price.	07/15/77	1369
CAN.NF	Balsam fir	Insect damage	Budworm damage in young balsam fir and whitew spruce. Grand Falls, Abitibi-Price	07/15/77	1370
CAN.NF	Sitka spruce	Insect damage	Budworm damage in planted Sitka spruce. N.B. one tree not attacked. Person is Malcolm Squires. Grand Falls, Abitibi-Price.	07/15/77	1371
CAN.NF	Black spruce	Tree	Superior tree o black spruce: age 80 yrs, Ht.14.3m, Dbh 22cm. Stand BA 140sq.ft/ac(32sq.m./ha). Grand Falls, Abitibi-Price. Persons are Mac Squires & Dunc Naysmith	07/15/77	1372
CAN.NF	Black spruce -balsam fir	Old cutover	Area cut 1940, wildfire 1943; treated with site preparation 1966(SFI scalper). N.B. lack of regeneration. Person is Dunc Naysmith.	07/15/77	1373
CAN.NF	Black spruce-balsam fir	Cutover	Aerial view of 10 yr-old cutover. Grand Falls, Abitibi-Price	07/15/77	1374
CAN.NF	Balsam fir	Cutover-old	Aerial view of 15yr-old cutover. N.B. natural regrowth scattered. Grand Falls, Abitibi-Price	07/15/77	1375
CAN.NF	Balsam fir	Regeneration	Balsam fir and white birch in old (15yrs+) cutover. Grand Falls, Abitibi-Price.	07/15/77	1376
CAN.NF	Balsam fir	Clearcut	Aerial view of recent clearcut N.B. small size, irregular shape and buffer on stream. Grand Falls, Abitibi-Price	07/15/77	1377
CAN.NF	Balsam fir	Cutover-old	Aerial view of old cutover showing adequate regeneration.Grand FallsAbitibi-Price	07/15/77	1378
CAN.NF	Balsam fir	Thinning-precommercial	Pre-commercial thinning in 15yr balsam fir.Grand Falls,Abitibi-Price	07/15/77	1379
CAN.NF	Black spruce-balsam fir	Regeneration	Natural regeneration after clearcut logging(ca. 10-15yrs). Person is Mac Squires. Grand Falls, Abitibi-Price	07/15/77	1380
CAN.ON	Hard maple	Tree	Hard maple 80ft(24m.) to first limb. cf. slide #935. MNR Cambridge, Barrie's woodlot	10/15/77	1381
CAN.ON	Hard maple	Selection -group	Results of group selection in hard maple. Barrie's woodlot,CambridgeMNR.	10/15/77	1382
CAN.ON	Hard maple	Selection-group	Selection system(group) in hard maple. People are UofT, Forestry 7T8Barrie's woodlot, Cambridge. MNR	10/15/77	1383
CAN.ON	Hard maple	Selection-group	Group selection system in hard maple. Barrie's woodlot, Cambridge	10/15/77	1384
CAN.ON	Hard maple	Group selection	Group selection in hard maple, 8 yrs after cutting. Barrie's woodlotCambridge	10/15/77	1385
CAN.ON	Red pine	Insect damage	Red pine self-correcting after attack by European pine shoot moth, (Rhyaciona buoliana) Barrie's woodlot, Cambridge	10/15/77	1386
USA.WA	Douglas fir	Plantation	Planted douglas fir on large clearcut, whihc had been prescribed burned. Twin Harbours, Weyerhaeuser, Tacoma	01/15/78	1387
USA.WA	Douglas fir	Plantation assessment	Plantation assessment plot in douglas fir.Twin Harbour, WeyerhaeuserTacoma	01/15/78	1388
USA.WA	Douglas fir	Competition	Vine maple competition in douglas fir plantation. Twin Harbours, Weyerhaeuser, Tacoma	01/15/78	1389
USA.WA	Douglas fir	Plantation	Douglas fir planted 1973(2+1 stock), spaced 1978,just prior to photoVesta Creek, Weyerhaeuser, Tacoma.	01/15/78	1390
USA.WA	Douglas fir	Thinning	Douglas fir at 56yrs(after fire),thinned 1956 at 35yrs. 90 cunts/ac(629cu.m./ha). Jim King's plots. Weyerhaeuser, Tacoma	01/15/78	1391
CAN.BC	Douglas fir-ponderosa pine	Prescribed burn	Prescribed burn in residual stand after logging to regenerate fir & ponderosa pine. Kamloops	03/15/78	1392
CAN.BC	Douglas fir-Ponderosa pine	Site preparation	Cutover cleared for planting with Douglas fir, lponderosa pine and lodgepole pine plus grass seeding. Low elevation. Kamloops.	03/15/78	1393
CAN.BC	Lodgepole pine	Plantation	Planted lodgepole pine in cleared area(slide #1393).Person is Trevor Jeans. Kamloops	03/15/78	1394
CAN.BC	Douglas fir-Ponderosa pine	Stand	Interior of fire origin douglas fir-ponderosa pine.Person is Trevor Jeans. Kamloops	03/15/78	1395
CAN.BC	Douglas fir-ponderosa pine	Stand	Typical douglas fir-ponderosa & lodgepole pine fire origin stand in stage of breaking up. Low elevation, Kamloops	03/15/78	1396
CAN.BC	Douglas fir-ponderosa pine	logging pattern	Stumps show pattern of loggin; first large douglas fir, then smallerponderosa and lodgepole pines. Kamloops.	03/15/78	1397

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.BC	Douglas fir	Regeneration	Group regeneration of douglas fir(40-60 yrs old) following cutting oflarge tree(stump). Kamloops	03/15/78	1398

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.BC	Douglas fir	Selection harvesting	Selection harvesting in Douglas fir with little damage to advance growth. Kamloops	03/15/78	1399
CAN.BC	Douglas fir	Group selection	Group selection in douglas fir ponderosa pine at low elevation. Kamloops	03/15/78	1400
CAN.BC	Engelmann spruce-lodgepole pine	Clearcut	Clearcut in high elevationEngelmann spruce and lodgepole pine. Kamloops	03/15/78	1401
CAN.BC	Engelmann spruce-lodgepole pine	Stand	Fire origin Engelmann spruce and lodgepole pine with alpine fir in understorey, kamloops	03/15/78	1402
CAN.BC	Lodgepole pine -White spruce	Plantation	Clearcut had prescribed burn,then planted to lodgepole pine & white spruce. High elevation. Kamloops	03/15/78	1403
CAN.BC	White spruce	Plantation	Area clearcut, burned & planted to white spruce(cf. slide #1403).N.B.excellent growth. Person is Trevor Jeans. Kamloops	03/15/78	1404
CAN.BC	Lodgepole pine	Plantation	Area clearcut,burned and planted to lodgepole pine(cf slides#1403 & 1404). Kamloops	03/15/78	1405
CAN.BC	Douglas fir-lodgepole pine	Cutover	Recent cutover, N.B. stump and younger stems. Williams Lake.	03/15/78	1406
CAN.BC	Douglas fir-Lodgepole pine	Cutover	Recent cutover leaving younger stems. Williams Lake.	03/15/78	1407
CAN.BC	Douglas fir	Old cutover	Residual douglas fir 10 yrs after first sawlog cut. N.B.poor state of stand. Williams Lake	03/15/78	1408
CAN.BC	Douglas fir	Plantation-cutover	General view of plantations & cutovers. Copper canyon, M. and B. Vancouver Island	05/15/78	1409
CAN.BC	Douglas fir	Plantation -cutover	Patterns of logging(N.B.high lead) and plantations of different age classes. Copper Canyon, M&B, Vancouver Island.	05/15/78	1410
CAN.BC	Douglas fir	Plantation	Two age classes of plantations in small clearcuts. Copper Canyon, M&B, Vancouver Island	05/15/78	1411
CAN.BC	Douglas fir	Clearcuts -plantations	General view of plantations and cutovers. N.B. age classes and treesleft along stream. Copper canyon, M&B Vancouver Island	05/15/78	1412
CAN.BC	Douglas fir	Cutovers-plantations	General view of cutovers and plantations. N.B. logging roads. CopperCanyon, M&B, Vancouver Island	05/15/78	1413
CAN.BC	Douglas fir	Plantations	Douglas fir plantations established in small clearcuts.Copper canyonM&B, Vancouver Island	05/15/78	1414
CAN.BC	Douglas fir	Plantation	Macmillan & Bloedel's first plantation at 24yrs(1978), i.e planted 1954. Copper canyon, M&B, Vancouver Island. cf slide #643 of same at 17yrs	05/15/78	1415
CAN.BC	Douglas fir	Plantation roots	Root system of dominant tree in oldest M&B plantation at 24yrs. N.B.symmetry of roots. Copper canyon, M&B, Vancouver Island	05/15/78	1416
CAN.ON	Black spruce	Clearcut	Aerial views of 1957 horse logging and 1960 strip cutting(66ft.) N.B.the different patterns, residuals(too small) and lack of stream buffers. Manitouwadge, Ontario Paper	06/15/78	1417
CAN.ON	Black spruce	Clearcut	Aerial view of cutover 1970 whole tree using "Arbomatic". N.B. road pattern. Manitouwadge, Ontario Paper	06/15/78	1418
CAN.ON	Black spruce	Clearcut	Aerial view of conventional cut& skid(1972),. Manitouwadge, Ontario Paper.	05/15/78	1419
CAN.ON	Black spruce	Clearcut	Aerial view of area cut with Koehring feller forwarder. N.B. lack ofroads. Manitouwadge, Ontario Paper	05/15/78	1420
CAN.ON	Jack pine	Regeneration	Scarification of slash in 1962 to get jack pine. Stand 16yrs later.person is Bill Fullerton. Geraldton MNR	07/15/78	1421
CAN.ON	Jack pine	Regeneration-seeded	Jack pine seeded at 100k/acre(247k/ha) in 1958. Now 20yrs old. Standwas pre-commercially thinned in 1969 to 5X5ft. Beardmore. MNR	07/15/78	1422
CAN.ON	Jack pine	Plantation	Area planted to Ontario tubes in 1966, then replanted with 2+0 jack pine in 1970. handcleaned 1977-78 for \$35/acre(\$86/ha). Geraldton, Person is Fred Robinson	07/15/78	1423
CAN.ON	Black spruce	Clearcut	Approximately 6 sq.miles cut 1951-1952 and left. N.B. scattered regeneration. Beardmore	07/15/78	1424
CAN.ON	Black spruce	Clearcut strip	Black spruce strip clearcut 1963, regeneration after 15yrs. Persons are Bill Fullerton, Fred Robinson & George Marek. Beardmore, Domtar	07/15/78	1425
CAN.ON	Black spruce	Clearcut-strip	Regeneration after strip clearcut in 1963, now at 15yrs. Person is George Marek. Beardmore, Domtar	07/15/78	1426
CAN.ON	Black spruce	Plantation	Black spruce (2+2) planted 1966, now at 12yrs. Ht 3-4m. Dbh 2-5cm. Person is Darko Jovic. Geraldton	07/15/78	1427
CAN.ON	Black spruce	Prescribed fire	Prescribed burn 1970 and planted the Fall70 with black and white spruce. Longlac. N.B. This was the fire that was shown in the Imax film, "North of Superior"	07/15/78	1428
CAN.ON	Black-white spruce	Plantation	Same as slide #1428. Prescribed burn planted to spruces, Fall 1970. Aerial herbicide(2lb./acre, 24D) in 1977. Longlac	07/15/78	1429
CAN.ON	Black spruce	Plantation	Black spruce planted Fall 1970 after summer prescribed burn. Person in foreground is Serge Tenaglia. Longlac	07/15/78	1430
CAN.ON	White spruce	Plantation	White spruce planted 1972 in residual stand, no site prepn.herbicidein 1975(24D). Person is Sherry Hamill.Geraldton	07/15/78	1431
CAN.ON	Jack pine-spruce	Prescribed burn	Cutover prescribe burned in July, 1978. Burrows Lake, Geraldton. Photo one week after burn.	07/15/78	1432
CAN.ON	Jack pine-spruce	Prescribed burn	View from water of shoreline, Burrows Lake prescribed burn in July, 1978. N.B. Canoeists complained about fire burning to edge of lake. Geraldton	07/15/78	1433
CAN.ON	Black spruce	Clearcut-strip	Diagram od location of strip cut experiment.Beardmore. Domtar	07/15/78	1434
CAN.ON	Black spruce	Clearcut-strip	Area clearcut then prescribed burnt, ready for natural seeding. Beardmore, Domtar experiment.	07/15/78	1435
CAN.ON	Black spruce	Clearcut-site preparation	Clearcut followed by TTS disk trencher site preparation prior to planting. Beardmore, Nipigon, Domtar	07/15/78	1436
CAN.ON	White spruce	Plantation	Area clearcut then treated with TTS disk trencher and planted with white spruce 1977. Phot 1978. N.B. amount of competing vegetation. Person is Fred Robinson	07/15/78	1437
CAN.ON	Jack pine	Site preparation	Area site prepared with 'rippers' 1977; N.B. jack pine seedling 1978Limestone, Nipigon	07/15/78	1438
CAN.ON	Jack pine	Plantation	Jack pine planted 1975,after 3 yrs. Area site preared with'rippers'.cf slide #1438. Limestone,Nipigon. Person is George Marek	07/15/78	1439
CAN.ON	Black spruce	Harvesting	Koehring harvester. Nipigon, Domtar	07/15/78	1440
CAN.ON	Black spruce	Harvesting	Koehring harvester approaching tree to cut while 2nd tree is being delimbed. Nipigon, Domtar	07/15/78	1441
CAN.ON	Black spruce	Harvesting	Koehring felling one tree and delimbing another at same time NipigonDomtar	07/15/78	1442
CAN.ON	Black spruce	Harvesting	Koehring harvester felling and delimbing two trees at same time, Nipigon, Domtar	07/15/78	1443
CAN.ON	Black spruce	Cutover and road	General view of woodlands on Domtar's Nipigon Forest.	07/15/78	1444
CAN.BC	Douglas fir	Harvesting	Slack line set-up diagram. BCForest products. Port Renfrew	09/15/78	1445
CAN.BC	Douglas fir	Harvesting	Comparison of Slack line; high lead and grapple yarding methods. BC Forest Products. Port Renfrew	09/15/78	1446
CAN.BC	Douglas fir	Harvesting	Spar set up for slack line yarding. BC Forest Products, Port Renfrew	09/15/78	1447
CAN.BC	Douglas fir	Harvesting	Felling in over mature douglas fir. BC Forest Products, Port Renfrew	09/15/78	1448
CAN.BC	Douglas fir	Harvesting	Slackline yarding across salmon stream, N.B. Three men in centre of picture(choking logs). BC Forest Products Port Renfrew	09/15/78	1449
CAN.BC	Douglas fir	Harvesting	Logs approaching yard at spar. BC Forest Products. Port Renfrew	09/15/78	1450
CAN.BC	Douglas fir	Plantation	Details of plantation. N.B. road cut.BC Forest Products.Port Renfrew	09/15/78	1451
CAN.BC	Douglas fir	Planting	Planting douglas fir 2+0 on cutover after controlled burn to reduce slash. BC Forest Products.Port Renfrew	09/15/78	1452
CAN.BC	Douglas fir	Thinning	Details of thinning(pre-commercial) in young douglas fir. BC Forest Products. Port Renfrew	09/15/78	1453
CAN.PEI	Black spruce	Plantation	Area site prepared by Martini plow, then black spruce planted in the overturned furrow.	09/15/78	1454
CAN.ON	Black spruce	Forest	General view of black spruce forest in the Clay Belt. Spruce Falls Power & Paper, Kapuskasing	09/15/78	1455
CAN.ON	Black spruce	Forest	Aerial view of balck spruce on peat in Clay Belt. Spruce Falls Powerand Paper, Kapuskasing	09/15/78	1456
CAN.ON	Black spruce	Cutover inspection	Foresters inspecting cutover(helicopter). persons are Norm Turnbulland Vic Sleep. Spruce Falls Power and Paper, Kapuskasing	09/15/78	1457
CAN.ON	Black spruce	Plantation	Black spruce planted 1966 at 12 yrs.; aerial herbicide 1978. N.B dead foliage on shrubs. Persons are: Norm Turnbull, Vic Sleep & ? Spruce Falls Power & Paper, Kapuskasing	09/15/78	1458

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON	Black spruce	Plantation	Aerial view of 1978 herbicided plantation. Sruce Falls Power & PaperKapusking	09/15/78	1459

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON	Black spruce	SFP&P camp	Gillfoyle Lake Camp, Spruce Falls Power & Paper, Kapuskasing	09/15/78	1460
CAN.ON	Poplar-hybrid	Harvest	Hybrid poplar(P. canescensxalba), clearcut at 7yrs, 18cda/acre(107cum/hectare). Leitrim, nr. Ottawa. Photo 1 yr later	09/15/78	1461
CAN.ON	Poplar-hybrid	Spacing trial	Hybrid poplar in Nelder design spacing trial at 3 yrs. St.Andrews, Domtar 7.	09/15/78	1462
CAN.ON	Poplar-hybrid	Spacing trial	Hybrid poplar spacing trial, view from centre of Nelder plot, at 3 yrs. St. Andrews, Domtar 7	09/15/78	1463
CAN.ON	Poplar-hybrid	Plantation	Clones DN 16 & DN 17 age 4 yrs at Domtar 1, eastern Ontario	09/15/78	1464
CAN.ON	Poplar	Clone trial	Clone trial at 2 yrs. "Golden Acres", eastern Ontario. Person facing camera is Bill Raitanen	09/15/78	1465
CAN.ON	Poplar-hybrid	Plantation	Plantation of 2 & 3 yr old clones.54 acres(22 hectares). Domtar 5, eastern Ontario	09/15/78	1466
CAN.ON	Poplar-hybrid	Plantation	Hybrid poplar at 3 yrs, established 1976 with herbicide site prepn. Sharp's Lane, eastern Ontario	09/15/78	1467
CAN.ON	Poplar	Agriforestry	Dual cropping, hybrid poplar at 4yrs and corn. Sunderland propty. eastern Ontario. Person is Bill Raitanen	09/15/78	1468
CAN.ON	Poplar-hybrid	Plantation	Clone DN 55 at 3 yrs. Sunderland Propty. eastern Ontario	09/15/78	1469
CAN.ON	Poplar-hybrid	Biomass	Hybrid poplar on 2 yr rotation, 1st. crop yielded 15tons/acre(37/haO.Neill propty. eastern Ontario	09/15/78	1470
CAN.ON	Poplar-hybrid	Herbicide trial	Herbicide trial after 2 yrs. O'Neill propty. eastern Ontario	09/15/78	1471
CAN.ON	Poplar	Plantation	Clone M45/51 after 4 yrs. Ht. 7m.; Dbh 7.8cm. Codrington, Napanee	09/15/78	1472
CAN.ON	Jack pine	Site preparation	Aerial view of site preparation with pads&chains Great Lakes ForestForest Products, Thunder Bay	09/15/77	1473
CAN.ON	Jack pine	Plantation	Regenerated jack pine. Great Lakes Forest Products, Thunder Bay	09/15/77	1474
CAN.BC	Douglas fir	Seed orchard	Seed orchard of Pacific Logging on outskirts of Victoria.	05/15/79	1475
CAN.BC	Sitka spruce	Seed orchard	Seed orchard of Sitka spruce. Pacific Logging, nr. Victoria	04/15/79	1476
CAN.BC	Douglas fir	Seed orchard	Douglas fir in tubs at BC Forest Service seed orchard Duncan, Person is Jenji Konishi	04/15/79	1477
CAN.BC	Douglas fir	Thinning	Precommercial thinning in 25yr old douglas fir.1478a is before,1478bis after. Crown Zellerbach, Nanaimo Lakes.	04/15/79	1478
CAN.BC	Douglas fir	Thinning	Precommercial thinning in 25 yr old douglas fir using "hack & squirt".i.e. hatchet and squirt can filled with herbicide. Crown Zellerbach,Nanaimo Lakes	04/15/79	1479
CAN.BC	Douglas fir	Logging train	Crown Zellerbach's, Nanaimo lakes-Ladysmith logging train - one of a few remaining in B.C.	04/15/79	1480
CAN.BC	Douglas fir	Yard sorting	Sorting yard. Nanaimo Lakes, Crown Zellerbach	04/15/79	1481
CAN.BC	Douglas fir	Harvesting	General view of recently logged area. Nanaimo Lakes,Crown Zellerbach	04/15/79	1482
CAN.BC	Douglas fir	Soil depth	View of depth of soil, Nanaimo Lakes, Crown Zellerbach. N.B.Materials thick, but soil & rooting are not.	04/15/79	1483
CAN.BC	Douglas fir	Cutover	Recent cutover. N.B. ravine. Nanaimo Lakes, Crown Zellerbach	04/15/79	1484
CAN.BC	Douglas fir	Planting	Douglas fir mud pack(Pelton). Nanaimo Lakes, Crown Zellerbach	04/15/79	1485
CAN.BC	Douglas fir	Planting	Planting mudpacks using a mattock. Nanaimo Lakes, Crown Zellerbach	04/15/79	1486
CAN.BC	Western hemlock	Planting	Planting western hemlock mud packs using a dibble. Nanaimo Lakes Crown Zellerbach	04/15/79	1487
CAN.BC	Douglas fir	Planting	Planter. N.B. amount of slash and regenerated areas in middle and background.Nanaimo Lakes, Crown Zellerbach	04/15/79	1488
CAN.BC	Douglas fir	Harvesting	Cable yarding in douglas fir. Nanaimo Lakes, Crown Zellerbach	04/15/79	1489
CAN.BC	Douglas fir	Harvesting	Cable yarding in douglas fir. Nanaimo Lakes, Crown Zellerbach	04/15/79	1490
CAN.BC	Douglas fir	Harvesting	Cable yarding. N.B. area where last log is being hauled in and logs to left to be hauled; note choker men.	04/15/79	1491
CAN.BC	Douglas fir	Thinning	Area precommercially thinned(spaced) 3 yrs later. N.B. deterioration of slash. cf. slides #1478	04/15/79	1492
CAN.BC	Douglas fir	Hauling	Truck haul (truck 'train'). Nanaimo Lakes, Crown Zellerbach	04/15/79	1493
CAN.BC	Douglas fir	Seed orchard	Crown Zellerbach's first seed orchard, est 1960's. no longer valid. Nanaimo Lakes, Crown Zellerbach	04/15/79	1494
CAN.BC	Douglas fir	Seed orchard	Grafted tree, N.B. distortion of stem at graft & therefore weakness. Nanaimo Lakes, Crown Zellerbach	04/15/79	1495
CAN.ON	Black spruce	Slasher	Slasher on a whole tree operation. Marathon, American Can	01/15/79	1496
CAN.ON	Black spruce	Slasher	Slasher/loader on whole tree operation. Marathon, American Can	01/15/79	1497
CAN.ON	Black spruce	Slasher	Slasher on whole tree operation, N.B. tops and slash broken off and left, partly due to being winter operation. Marathon, American Can	01/15/79	1498
CAN.ON	Black spruce	Harvesting	Feller buncher in black spruce. Marathon, American Can	01/15/79	1499
CAN.ON	Black spruce	Harvesting	Yard and flail delimber. Marathon, American Can	01/15/79	1500
CAN.ON	Black spruce	Harvesting	Flail delimber, Box shaped axle. Marathon, American Can	01/15/79	1
CAN.ON	Black spruce	Harvesting	Results of flail delimbing. Marathon, American Can	01/15/79	2
CAN.ON	Black spruce	Harvesting	Forwarder - whole tree. Marathon, American Can	01/15/79	3
CAN.ON	Black spruce	Delimbing	Flail delimber. N.B. group seed trees left.Kapuskasing, Spruce Falls Power & Paper	03/15/79	4
CAN.ON	Black spruce	Cutover	Cutover with residual trees, purportedly as seed sources. KAA. This is ineffectual. Kapuskasing, Spruce Falls Power & Paper	03/15/79	5
CAN.ON	Black spruce	Cutover	Old cutover with little to no spruce regeneration, i.e. NSR, Kapuskasing, Spruce Falls Power & Paper	03/15/79	6
CAN.ON	Black spruce	Site preparation	Winter shear-blading in preparation for planting in Spring or summer. Person is Tom Tworzyanski. Kapuskasing, Spruce Falls Power & Paper	03/15/79	7
CAN.ON	Black spruce	Site preparation	Winter shear-blading. N.B. area in background with group seed trees. Kapuskasing, Spruce Falls Power & Paper	03/15/79	8
CAN.ON	Black spruce	Site preparation	Winter shear blading in progress. N.B. amount of snow. Kapuskasing, Spruce Falls Power & Paper	03/15/79	9
CAN.ON	Black spruce	Site preparation	Winter shear-blade. N.B. Important to keep the blade very sharp, the operator has a portable sharpener on site. Kapuskasing, Spruce Falls Power & Paper	03/15/79	10
CAN.NS	Balsam fir-spruce	Clearcut	Area cut for 'fish' poles, exported to Iceland. N.B. White pine in background. Pockwock Forest.	10/15/81	11
CAN.NS	Balsam fir-spruce	Skidway	Skidway of 'fish poles'. N.B. uniformity. Pockwock Forest. cf. slide#1511	10/15/81	12
CAN.NS	White pine	Regeneration	White pine regeneration in Pockwock Forest. Person is Joe O'Neill	10/15/81	13
CAN.NS	Balsam fir	Thinning	Skidder(Krabat) used in commercial thinning.Not considered effectivePockwock Forest	10/15/81	14
CAN.NS	Red spruce	Thinning	Commercial thinning in red spruce aged 60 yrs. MAI 3.9cu.m./ha/yr. Pockwock Forest	10/15/81	15
CAN.NS	Red spruce	Skidding-horse	Horse skidding on commercial thinning operation. Pockwock Forest	10/15/81	16
CAN.NS	Red spruce	Skidding-horse	Horse skidding in commercial thinning operation.Pockwock Forest	10/15/81	17
CAN.NS	Red spruce	Skidder	Holder 'cultitrac'(Australian) skidder used in commercial thinning operation. Pockwock Forest	10/15/81	18

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.NS	Balsam fir	Thinning	Pre-commercial thinning in balsam fir to 8x8 ft.spacing. Cost \$208ac(\$514/hectare). Liverpool, Bowaters Mersey	10/15/81	19
CAN.NS	Red spruce	Clearcut	Clearcut in degraded spruce. Liverpool, Bowaters Mersey	10/15/81	20
CAN.NS	Red spruce	harvesting	Hahn harvester, Liverpool, Bowaters Mersey	10/15/81	21
CAN.BC	Douglas fir	Thinning	Pre-commercial thinning in 20yr douglas fir. Interior of stand. Dewdney PSYU	06/15/81	22
CAN.BC	Douglas fir	Thinning	Pre-commercial thinning in 20yr douglas fir. N.B. chlorosis on lower foliage of some trees. Dewdney PSYU	06/15/81	23
CAN.BC	Douglas fir	Thinning	Precommercial thinning in 20yr douglas fir, N.B.chlorosis. General view. Dewdney PSYU	06/15/81	24
CAN.BC	Douglas fir	Road	Typical well-kept forest access road. N.B. Black-tailed deer.DewdneyPSYU	06/15/81	25
CAN.BC	Douglas fir	Road	Typical well-kept access road. N.B. black-tailed deer. Dewdney PSYU	06/15/81	26
CAN.ON	Black spruce	Plantation	Black spruce planted(1965)with jack pine after 16 yrs.N.B.differencein height between species. Engelhart Management Unit.	07/15/81	27
CAN.ON	Jack Pine	Plantation	Jack pine planted 1965 at 16yrs. Burt Lake,Engelhart Management Unit	07/15/81	28
CAN.ON	Jack pine-spruce	Shoreline reserve	Shoreline reserve with large planted clearcut to jack pine behind. Watabeag lake, Watabeag Management Unit, Timmins	07/15/81	29
CAN.ON	Jack pine	Plantation	Jack pine planted 1971. cf slides# 227, 320 & 1008. Dunmore Twp. Engelhart Management Unit. Person is Brian Thompson.	07/15/81	30
CAB.ON	Jack pine	Frost damage	Frost 'flat' in Marne Lake burn,after 25 yrs of planting & replanting. Marne Lake, Gogama.	09/15/79	31
CAN.ON	White birch -poplar	Regeneration	Regeneration of hardwoods,on severely burned area of Marne Lake fireArea now going to be site prepared with chopper & planted.	09/15/79	32
CAN.ON	Red pine	Plantation	Red pine 25yrs? Free-to-grow. One of the few successful plantings at Marne Lake, Gogama.	09/15/79	33
CAN.NB	White spruce	Seed Production Area	White spruce planted in double furrow. N.B. height, cf slide #1535, 484 & 485. Person is Niels Kreiberg, Big Forks Ridge, Juniper	09/15/79	34
CAN.NB	White spruce	Seed Production Area	White spruce planted in roto-tilled area. N.B. difference in growth with slide#1534. Person is Niels Kreiberg, Biggar Ridge, Juniper,J.D. Irving	09/15/79	35
CAN.NB		Seed Extraction	New Brunswick, Maritime seed extraction plant, Kingsclear	09/15/79	36
CAN.NB		Seed extraction	Maritime seed extraction plant,cone drying shed&reception Kingsclear	09/15/79	37
CAN.NB		Seed extraction	Cones drying in bags. Maritime seed extraction plant, Kingsclear.	09/15/79	38
CAN.ON	hard maple-elm	Chipping	Morbark chipper chipping tree length heavy hardwoods, stems,branches, leaves and bark. Cornwall, Domtar	06/15/79	39
CAN.ON	Hard maple-elm	Chipping	Morbark chipper operating on tree length heavy hardwoods. Cornwall, Domtar	06/15/79	40
CAN.ON	Larch-white spruce	Plantation	National Forest Management Group at Stuart Property, Larose Forest. N.B.eastern larch and white spruce planted at same time, cf. heights	06/15/79	41
CAN.ON	Hard maple	Plantation	Hard maples planted 1975, after 4 yrs at Kemptville Agricultural School.	06/15/79	42
CAN.ON	Jack pine-hardwoods	Plantation	Use of jack pine as a nurse crop to bring in hardwoods in south eastOntario(Kemptonville Region)	06/15/79	43
CAN.NB	Hardwoods	Site Preparation	Large crusher preparing land for planting of spruce. Black Brook. J.D.Irving	06/15/80	44
CAN.NB	Eastern larch	Plantation	Eastern larch planted 1972 after 7yrs. Person is Ken Langmaid(N.B. soil scientist). Juniper/Deeresdale, J.D.Irving	08/15/79	45
CAN.NB	Eastern larch	Plantation	Eastern larch planted 1972 after 7yrs. General view of area, some brush clearing. Juniper/Deeresdale, J.D.Irving	08/15/79	46
CAN.ON	Eastern larch	Plantation	Rooted cutting of eastern larch planted 1977 after 2 yrs. Person is Fred Robinson. Iroquois Falls, Abitibi-Price	08/15/79	47
CAN.ON	Black spruce	Plantation	Black spruce paper pots planted July, 1978, after shearblading site preparation in February, 1978.Iroquois Falls, Abitibi-Price	08/15/79	48
CAN.ON	Black spruce	Plantation	Black spruce (2+0) planted 1978, after winter shearblading(1978). Webster Twp, Smooth Rock Falls, Abitibi-Price	08/15/79	49
CAN.ON	Black spruce	Plantation	Rooted cuttingof black spruce in paper pot,planted July 1979,WebsterTwp. Smooth Rock Falls, Abitibi-Price.	08/15/79	50
CAN.ON	White spruce	Frost damage	Differences in damage to adjacent white spruce. Shearer Twp. Spruce Falls Power & Paper, Kapuskasing.	08/15/79	51
CAN.ON	Black spruce	Plantation	Black spruce planted 1976 in area summer skidded & rutted. N.B.Bull-rushes. Hopkins Twp. Spruce Falls Power & Paper, Kapuskasing	08/15/79	52
CAN.ON	Black spruce	Plantation	Black spruce planted 1976, after 3 yrs. Site preparation was a pres-cribed burn prior to planting. Torrance Twp. Spruce Falls Power & Paper, Kapuskasing	08/15/79	53
CAN.ON	White & black spruce	Plantation	White and black spruce planted 1976, after 3 yrs. Parnell Twp.SpruceFalls Power & Paper, Kapuskasing	08/15/79	54
CAN.MB	Spruce-poplar	Site preparation	Aerial view of site preparation in mixed wood for planting of sprucePine Falls, Abitibi-Price	08/15/79	55
CAN.MB	Jack pine	Insect damage	Aerial view of jack pine budworm killed trees. Pine Falls, Abitibi- Price	08/15/79	56
CAN.MB	Jack pine	Disease	Jack pine killed by mistletoe(Archuthobium americanum). Pine Falls, Abitibi-Price	08/15/79	57
CAN.ON	Poplar	Hail damage	Hail damage in young poplar. N.B.loss of leaves. Michener Twp. MNR	07/15/79	58
CAN.ON	White spruce	Planting	Area of poplar cut 1976, site prepared with barrels, 1979. Planting 2+1 white spruce a@ 5cents/tree, June, 1979. MichenerTwp. MNR	06/15/79	59
CAN.ON	Black spruce	Plantation	Black spruce(2+0) in Spencer-Lemaire,planted in May, 1979 after prescribed burn earlier in May. Shebandowan M.U. MNR, Thunder Bay	06/15/79	60
CAN.ON	Jack pine	Harvesting	Koehring processor harvesting small jack pine. Great Lakes Forest Products, Thunder Bay	07/15/79	1561
CAN.ON	Jack pine	Seeding	Site preparation with barrels and seed barrels behind. Great Lakes Forest products, Thunder Bay	07/15/79	1562
CAN.ON	Jack pine	Seeding	View of seed barrel, cf. Slides #1562 & 1564. Great Lakes Forest Products, Thunder bay	07/15/79	63
CAN.ON	Jack pine	Seeding	Pelleted seed from seed barrel, cf. slides #1563 & 1562. Great LakesForest Products,Thunder Bay.	07/15/79	64
CAN.ON	Jack pine	Plantation	Jack pine paperpots planted 1979 after site prepn with Bracke 1978 Block 5. Abitibi-Price freehold. N.B. this area is close to one seeded cf. slides#1562-64	07/15/79	65
CAN.ON	Jack pine	Seeding	Area double site prepared with barrels and seed barrels. Great LakesForest Products, Thunder Bay. N.B. area adjacent to Block 5 of Abitibi-Price planted the same year with jack pine.	07/15/79	66
CAN.ON	White spruce	Plantation	White spruce planted 1962 after 18yrs. Tyson Lake, Beardmore. Person is Conn Howe.	08/15/80	67
CAN.ON	Jack pine	PLantation	Jack pine planted 1949 after 31yrs.Person is George Marek with groupEva Twp. Beardmore.	08/15/80	68
CAN.NB	Spruce-hardwoods	Forest	Aerial view of forest nr. Deeresdale-Camp 52, showing forest, cuts &site prepn. J.D.Irving	05/15/80	69
CAN.NB	Black spruce	Plantation	Aerial view of regenerated(planted) cutovers, Salmon River, Black Brook, J.D.Irving.	05/15/80	70
CAN.NB	Hardwoods-spruce	Plantation	Aerial view of forest and plantations looking towards Camp#16. BlackBrook, J.D.Irving	05/15/80	71
CAN.NB	Black spruce	PLantation	Aerial view of black spruce planted 1965,after 14 yrs.Camp 16,VeneerGate, Black Brook. J.D.Irving	05/15/80	72
CAN.NB	Black spruce	Plantation	Aerial view of pnated cutover and uncut forest.Stewart Highway,BlackBrook, J.D.Irving	05/15/80	73
CAN.NB	Black spruce	Plantation	Black spruce summer(July) planted 1968 at 11 yrs. Balck Brook, J.D. Irving. Person is Dave Oxley, Woodlands Manager	05/15/80	74
CAN.NB	White spruce	Plantation	White spruce planted 1973 at 7yrs. View towards Camp#2, Felix's RoadBlack Brook, J.D.Irving. Person is Dave Oxley	05/15/80	75
CAN.NB	Black spruce	Plantation	Black spruce planted 1972 in paper pots.N.B stock was very uniform. photo Nov/79. Camp #2, Hunter Brook Road, Black Brook, J.D.Irving. Person is Dave Oxley	11/15/79	76
CAN.NB	Black spruce	Plantatation	Black spruce paper pots planted 1972. Stock was very variable.Cf. slide # 1576. These were first paper pots produced. Camp#2, Black Brook, J.D.Irving. Person is Dave Oxley	11/15/79	77
CAN.ON	Black spruce	Plantation	Black spruce planted 1976 at 3 yrs in "corridorred"site prepn. MNR, Oba Management Unit, Hearst.	07/15/79	78

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON	Black spruce	Plantation	Black spruce planted 1976 at 3 yrs, planted in "corridored" poplarinold cutover. Oba Management Unit, Hearst.	07/15/79	79
CAN.ON	White spruce	Plantation	White spruce planted 1976 at 3 yrs. in "corridored" poplar in old cutover. Oba Managment Unit, Hearst	07/15/79	80
CAN.ON	White spruce	Plantation	White spruce planted 1972 at 7 yrs. Ft. 2m. Fushimi Road, Hearst. person is Harold Frost	07/15/79	81
CAN.ON	White spruce	Plantation	White spruce planted 1974, at 5 yrs. Fushimi Road, Hearst	07/15/79	82
CAN.ON	Jack pine	Planting- paper pot	Jack pine paper pot, 4 weeks after plantingin June/79.West Arnott RdHearst	07/15/79	83
CAN.ON	Black spruce	Plantation	Black spruce(1.5+1.5) planted 1976, herbicided 1978,after 3 yrs.EastArnott Road, Hearst	07/15/79	84
CAN.AB		Excavation	Excavation in oil sands oil; Syncrude, Fort McMurray.	09/15/79	85
CAN.AB		Excavation	Belt loaders in excavation of oil sands, Syncrude, Fort McMurray	09/15/79	86
CAN.AB.		Excavation	Buckets used in excavation of oil sands, Syncrude, Fort McMurray	09/15/79	87
CAN.AB		Extraction of oil	Extraction plant, Syncrude, Fort McMurray	09/15/79	88
CAN.AB		Extraction of oil sands	General view of the area of extraction of oil sands.Syncrude, Fort McMurray	09/15/79	89
CAN.AB		Extraction of oil sands	General view of the first extraction plant of Suncor, Fort McMurray	09/15/79	90
CAN.AB		Restoration	General view of restoration of dike, Suncor, oil sands.Fort McMurray	09/15/79	91
CAN.AB		Restoration	Untreated(left) and treated, i.e. seeded to various grasses & forbs (right) on dike. N.B. more varied vegetation and woody plants in theuntreated. Suncor, Fort McMurray	09/15/79	92
CAN.AB		Restoration	Natural vegetation(poplars-willows etc.) on bare mineral soil in thearea adjacent to treated dike. Suncor, Fort McMurray	09/15/79	93
CAN.AB		Excavation	General and close-up views of excavation of the oil sands. Fort McMurray.	09/15/79	94
CAN.AB		Excavation	General views of excavation, plant and waste sand. Fort McMurray	09/15/79	95
CAN.AB		Excavation	Aerial views of the excavation of oil sands, Syncrude, Fort McMurray	09/15/79	96
CAN.Ab		Excavation	Aerial views of the excavation of oil sands. Syncrude, Fort McMurray	09/15/79	97
CAN.AB		Excavation	Aerial view of the Syncrude operation, Fort McMurray	09/15/79	98
CAN.AB		Excavation	Aerial view of the Syncrude plant, Fort McMurray	09/15/79	99
CAN.AB	White spruce-poplar	Forest	Aerial view of the forest. N.B. oil drilling sites.Lesser Slave Lake	09/15/79	1600
CAN.AB	White spruce	Harvesting-whole tree	Whole tree harvesting. Proctor&Gamble, Grande Prairie	09/15/79	1601
CAN.AB	White spruce-lodgepole pine	Harvest-patterns	Aerial view of cutovers and regenerated areas. St.Regis, Hinton	09/15/79	1602
CAN.AB	Lodgepole pine	Site preparation	Site prepared cutover for planting, St.Regis, Hinton	09/15/79	1603
CAN.AB	Lodgepole pine	Clearcut	Patch clearcuts in lodgepole pine. St.Regis, Hinton	09/15/79	1604
CAN.AB	Lodgepole pine	Clearcuts and regeneration	"Forest fields" clearcuts and regeneration, St. Regis, Hinton	09/15/79	1605
CAN.AB	Lodgepole pine	Clearcuts-road	General view of extensive clearcut and road. St.Regis, Hinton	06/15/80	1606
CAN.AB	Lodgepole pine	Clearcuts-regeneration	Patterns of clearcuts and regeneration. McLeod Working Circle, St. Regis, Hinton	06/15/80	1607
CAN.AB	Lodgepole pine	Thinning	Precommercial thinned lodgepole pine. McLeod Working Circle,St.RegisHinton	06/15/80	1608
CAN.BC		Wooden tractor	A "wooden" tractor built by loggers. BC Forest Products,Port Renfrew Person is Dunc Naysmith	06/15/80	1609
CAN.BC	Red Alder	Cutover	Red alder in foreground cut to be planted to Sitka spruce.BC Forest Products, Port Renfrew	06/15/80	1610
CAN.BC	Red alder-spruce	Forest	San Juan valley fromwhich Sitka spruce was harvested in 1940's, now occupied by red alder. BC Forest Products, Port Renfrew	06/15/80	1611
CAN.BC	Douglas fir	Cutover-regeneration	Areas of cutovers & regeneration. N.B. logging truck for scale, and the forest buffer along the salmon stream. BC Forest Products, Port Renfrew	06/15/80	1612
CAN.BC	Douglas fir	Harvesting	Madill spar in high lead logging. BC Forest Products, Port Renfrew	06/15/80	1613
CAN.BC	Douglas fir	Clearcut	General view of forest looking to Port Renfrew. BC Forest Products	06/15/80	1614
CAN.BC	Sitka spruce	Log	Giant Sitka spruce, felled in 1958. BC Forest Products, Port Renfrew	06/15/80	1615
CAN.ON	White spruce	PLantation	White spruce planted 1968 at 12yrs. Shebandowan Mangement Unit MNR Thunder Bay. Person is Jack Flowers	06/15/80	1616
CAN.ON	White spruce	Plantation	White spruce planted 1964 at 16yrs. Shebandowan Management Unit, MNRTThunder Bay	06/15/80	1617
CAN.ON	Jack pine	Regeneration	Planted jaack pine. Shebandowan Management Unit. MNR, Thunder Bay	06/15/80	1618
CAN.ON	Black spruce	Planting	Tree planters in summer planting of black spruce.N.B.excessive slashThunder Bay	07/15/81	1619
CAN.ON	Jack pine	Plantation	Jack pine planted 1972(paper pots). Block 2, Raith, Abitibi-Price, Person is Bill Fullerton	07/15/80	1620
CAN.ON	Jack pine	PLantation-roots	Jack pine paper pot planted 1976, in 1980. N.B. symmetry of roots. Block 3, Raith, Abitibi-Price	07/15/80	1621
CAN.ON	Black spruce	Plantation	Black spruce planteed 1963 at 17yrs. Tyrol Lake, Beardmore	07/15/80	22
CAN.ON		PLantation	Map of plantations, Tyrol Lake, Beardmore. Person is George Marek	07/15/80	23
CAN.ON	Jack pine	Plantation	Jack pine planted 1949, is Site Class II at 31 yrs. Eva Twp.Beardmore. Person with group is George Marek	07/15/80	24
CAN.ON	Jack pine-white spruce	Plantation	Alternate row planting ofjack pine & white spruce in 1958, Eva Twp. Beardmore. Persons are: George Marek, Conn Howe & Bill Fullerton	07/15/80	25
CAN.ON	Black spruce	Plantation	Black spruce planted 1963 at 17yrs. Eva Twp. Tyrol Lake, Beardmore	07/15/80	26
CAN.ON		Planting	Garbage left behind by planters. "After the planting's over..." Abitibi-Price freehold	08/15/80	27
CAN.MB	Poplar-white spruce	Clearcut	Cutover inpoplar and white spruce a few years after. The Pas	08/15/80	28
CAN.ON	Hard maple	Clearcut-strip	Stri clearcutting in hard maple to encourage species mix. Bancroft MNR	03/15/81	29
CAN.ON	Hardwoods	Regeneration	Natural regeneration after clearcutting(20yrs). N.B. species variety. Bancroft, MNR	03/15/81	30
CAN.ON	Yellow birch	Regeneration	Yellow birch regeneration after clearcutting.Person is Fred RobinsonBancroft, MNR	03/15/81	31
CAN.ON	Hardwoods	Stand improvement	Stand improvement, i.e. girdle/remove lower quality/species. Person Peter Hynard. Minden Management Unit, MNR	03/15/81	32
CAN.ON	White pine-hardwoods	Forest	White pine & hardwoods with some small eastern hemlock in backgroundMinden Management Unit.	03/15/81	33
CAN.ON	White pine	Regeneration	White oine regeneration after shelterwood cutting. person is Peter Hynard. Minden Management Unit	03/15/81	34
CAN.ON	Hardwoods	Regeneration	Hardwood regeneration after clearcutting. N.B. cleanness of sapling stems. Bancroft, MNR	03/15/81	35
CAN.ON	Hardwoods	Stand improvement	Stand improvement in hardwoods that have succeeded white pine N.B. pine stump in foreground. Minden Management Unit	03/15/81	36
CAN.ON	Mixedwoods	Forest	Mixed hardwoods and conifer(balsam fir) after pine and vaue hardwoodwere logged. "Mixed shit"(P.Hynard).This is a general problem in the Grt.Lks-St.Law. forest	03/15/81	37
CAN.ON	Hardwoods	Clearcutting	Clearcutting junk hardwoods with a view to getting a stand of large-tooth aspen back. Minden Management Unit	03/15/81	38

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON	Largetooth aspen	Regeneration	Natural regeneration of large-tooth aspen following clearcutting. Minden Management Unit.	03/15/81	39
CAN.ON	Largetooth aspen	Regeneration	Natural regeneration of largetooth aspen folowing clearcutting of "mixed shit". Minden Management Unit	03/15/81	40
CAN.ON	White pine	Shelterwood regeneration	Shelter wood regeneration after 30 yrs. Forbes Creek, Petawawa Man. Unit. Cf. slides #37 & 38.	03/15/81	41
CAN.ON	White pine	Shelterwood-strips	Strip shelterwood in white pine, Petawawa Man. Unit. AFA	03/15/81	42
CAN.ON	White pine	Shelterwood strip	Strip shelterwood in white pine 3 yrs after cut. Petawawa Man. Unit AFA	03/15/81	43
CAN.ON	Red-white pine	Regeneration	Regeneration of white-red pine in Logging Chance #1, Petawawa Man. Unit, AFA	03/15/81	44
CAN.ON	Jack pine-white spruce	Plantation	Jack pine-white spruce planted in alternate rows,1954 by Great LakesForest Products, Thunder Bay.After 26yrs. Ht.10m;Dbh.16cm; BA 20sq.m. cf slide # 1625	07/15/80	45
CAN.QC	Hardwoods	Harvesting	Felling hardwoods in the Great Lakes-St.Lawrence forest. Thurso	09/15/80	46
CAN.QC		Log sorting	Sorting logs at mill. Thurso	09/15/80	47
CAN.ON	Black spruce	Rooted cutting	Rooted cutting of black spruce. Orono	06/15/79	48
CAN.ON	Black spruce	Plantation	Rooted cutting one winter after outplanting. Webster Twp. Abitibi-Price, Smooth Rock Falls. cf. slide #1648	06/15/80	49
CAN.ON	Eastern larch	Rooted cuttings	Greenhouse with rooted eastern larch cuttings. Orono	06/15/81	50
CAN.ON	Eastern larch	Plantation	Rooteed eastern larch cutting outplanted 1977, after 3 yrs.EngelhartManagement Unit	06/15/80	51
CAN.ON	Poplar	Seed orchard	Site of hybrid poplar seed orchard #1. Kemptville Nursery	06/15/80	52
CAN.ON	Poplar-alder-birch	Tree improvement	Native selections of poplar, birch and alder under propagation. Kemptville Nursery	06/15/80	53
CAN.ON	Poplar-hybrid	Plantation	Hybrid poplar planted 1975, after 5 yrs. Domtar #1, Brockville	04/15/80	54
CAN.ON	Poplar-hybrid	Plantation	Clones I45/51 & DN17 planted 1973, at 7yrs. SNA property, BrockvillePerson is Fred Robinson	05/15/80	55
CAN.ON	Poplar-hybrid	Plantation	Veneer quality in clone DT 2.(deltoidesxbalsamifera), planted 1977. Persons are: Bill Raitanen & fred Robinson	05/15/80	56
CAN.ON	Poplar	Plantation	Domtar #1 plantation, Brockville.	06/15/80	57
CAN.ON	Poplar-hybrid	Spacing-Nelder	Nelder spacing trial at Domtar #7, Brockville	06/15/80	58
CAN.ON	Poplar-hybrid	Spacing-Nelder	View from outside looking in towards centre of Nelder plot. Domtar 7Brockville	06/15/80	59
CAN.ON	Poplar-hybrid	Plantation	P. canescens(albaxtremula) planted 1971, after 8 yrs.Leltrim, Ottawa	06/15/80	60
CAN.ON	Poplar-hybrid	Regeneration	Poplar regeneration (P.canescens(albaxtremula).Planted 1971,clearcut1978 at 7yrs. Leltrim, Ottawa	06/15/80	61
CAN.ON	Poplar-hybrid	Short rotation	Clearcut harvested after 3 yrs. Yield 100tonnes from 8 acres(3.24ha)O'Neal Propty. Kemptville	06/15/80	62
CAN.ON	Poplar-red alder	Plantation	Hybrid and biomass trials of poplar and red alder.Person is Brian Barkley. Kemptville	06/15/80	63
CAN.ON	Poplar-hybrid	Plantation	Poplar clone DTAC after 3 yrs. Brockville	06/15/80	64
CAN.ON	White spruce	Plantation	White spruce planted 1977, at 3 yrs. Cf Slide #1669. Brockville	06/15/80	65
CAN.ON	Poplar-hybrid	Plantation	Biomass plantation at 4yrs. Clone is I 45/51. Brockville MNR	06/15/80	66
CAN.ON	Poplar-hybrid	Plantation	Clone I 45/51 at 3 yrs. Domtar 5, Brockville	06/15/80	67
CAN.ON	Poplar-hybrid	Plantation	Clone DN 31 at 3 yrs. Domtar 5. Brockville	06/15/80	68
CAN.ON	Poplar-hybrid	Spacing	Nelder spacing trial in DN 17 at Domtar 8, after 3 yrs. Brockville. cf slide # 1665	06/15/80	69
CAN.ON	Poplar-hybrid	Plantation	Clone J4 in background, trembling aspen in foreground at 3 yrs. Golden Acres, Brockville	05/15/80	70
CAN.NB		Site preparation	Large Marden duplex chopper, filled with 2,000gals. water. Operates at rate of 6acres/hour(2.43 hectares). J.D.Irving	06/15/80	71
CAN.NB		Site preparation	Close-up of Marden duplex chopper.N.B.angle of two units. J.D.Irving	06/15/80	72
CAN.NB	Eastern larch	Plantation	Eastern larch planted 1972,at 7yrs.Person is Ken Langmaid. NapadoganRoad, Deeresdale, J.D.Irving	08/15/79	73
CAN.NB	Black spruce	Plantation	Area cut 1973, site prepared with chopper 1977, then TTS 1978, and planted with black spruce in 1979. Photo 1979. Fraser Co, Edmunston	08/15/80	74
CAN.NB	Black spruce	Plantation	General view of planted cutovers. N.B. residual forest along stream.Fraser Co. Edmunston	08/15/80	75
CAN.NB	Black spruce-balsam fir	Thinning	Precommercial thinning in natural black spruce and balsam fir to getbalsam content reduced. Fraser Co. Edmunston	06/15/80	76
CAN.NB	Black spruce-balsam fir	Thinning	Precommercial thinning to prefer black spruce. N.B. growth. Fraser Co. Edmunston	06/15/80	77
CAN.NB	Black spruce	Plantation	Black spruce planted 1965 at 15 yrs. Persons are Conn Howe & Dunc Naysmith.Camp 16,Black Brook, J.D.Irving	06/15/80	78
CAN.NB	Black spruce	Plantation	Black spruce planted 1965, at 15yrs.Person is Conn Howe. Camp 16, J.D. Irving, Black Brook	06/15/80	1679
CAN.NB	White spruce	Plantation	White spruce planted 1965 at 15yrs. Camp 16, Black Brook, J.D.Irving	06/15/80	1680
CAN.NB	Black spruce	Plantation	Black spruce planted 1978 at 2 yrs. Person is Nick Saltarelli. J.D. Irving, Black Brook	06/15/80	81
CAN.NB	Hardwoods	Site preparation	Crusher(45tons)operating on cutover to prepare for planting spruce. Black Brook, J.D.Irving	06/15/80	82
CAN.NB	Black spruce	Plantation	Black spruce planted 1969 at 10yrs.Person is Pat Marceau.Black BrookJ.D.Irving	06/15/80	83
CAN.NB	Black spruce	Plantation	Black spruce planted 1969at 10 yrs.Person is Pat Marceau.Black BrookJ.D.Irving	06/15/80	84
CAN.NB	Black spruce	Plantation	General view of Camp 8 area to show spruce plantations. N.B. river. J.D.Irving	06/15/80	85
CAN.NB	Black spruce	Plantation	General view of Camp 8 area to show extensive spruce plantations. N.B. red pine planted on yard area in foreground. Black Brook, J.D. Irving	06/15/80	86
CAN.NB	Black spruce	Plantation	General view of Camp 8 to show extensive spruce plantations and red pine on yard(foreground). N.B. trees along stream. Black Brook, J.D.Irving	06/15/80	87
CAN.NB	Black spruce	Plantation	Recently planted black spruce. Person is Harold Peacock.Black Brook J.D.Irving	06/15/80	88
CAN.NB		Memorial	Memorial to 100 millionth tree planted by K.C.Irving at Veneer Gate,Black Brook in 1977. J.D.Irving	06/15/80	89
CAN.NB		Memorial	Irving and Abitibi-Price staff at memorial to 100 millionth tree. Veneer gate, Black Brook. J.D.Irving	05/15/80	90
CAN.NB	White spruce	Plantation	One of the original Irving plantations, white spruce planted 1959.At21 yrs. Black Brook, J.D.Irving	06/15/80	91
CAN.NB	Jack pine	Regeneration	Natural regeneration ofjack pine after 1962 fire,at 18yrs.2.5k stemsper acre. cf. slide # 1694. Bathurst	06/15/80	92
CAN.NB	Jack pine	Regeneration	Jack pine natural regeneration after 1962 fire. Density 2.5k/acre or6.2/hectare. Bathurst	06/15/80	93
CAN.NB	Jack pine	Thinning	Jack pine thinned in 1974 from 2.5k/acre to 1k/acre(6.2k/ha to 2.5k)after 6 yrs.N.B. Dbh cf slide 1692. Bathurst	06/15/80	94
CAN.NB	Black spruce	Planting	Planters using Potti putki to plant container spruce after site prepwith Marttinni plow. Bathurst.	06/15/80	95
CAN.NB	Black spruce	Plantation	Black spruce one year after planting. Person is Harold Peacock. N.B.I.P., Napadogan	06/15/80	96
USA.GA	Pine-hardwoods	Clearcut	Clearcut in pine-hardwoods for sawlogs & pulpwood.Continental ForestIndustries, Augusta.	03/15/81	97
USA.GA	Loblolly pine	Planting	Mechanical planting on clearcut. N.B. machine in background.Augusta,Continental Forest Industries.	03/15/81	98

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
USA.GA	Loblolly pine	Site preparation	Site preparation and tree planting(mechanical). Continental Forest Industries, Augusta	03/15/81	99
USA.GA	Loblolly pine	Site preparation	Site being prepared for mechanical planting with Fleco chopper. Continental Forest Industries, Augusta	03/15/81	1700
USA.GA		Landscape	Clearcut and plant area surrounded by farmland. Continental Forest Industries, Augusta	03/15/81	1
USA.GA	Loblolly pine	Planting-machine	Machine tree planting. Continental Forest Industries, Augusta	03/15/81	2
USA.GA	Loblolly pine	Log haul	Hauling logs. Continental Forest Industries, Augusta	03/15/81	3
USA.GA	Loblolly pine	Plantation	Loblolly pine 7 yrs. after planting, Continental Forest Industries, Augusta	03/15/81	4
USA.GA	Loblolly pine	Plantation	Loblolly pine planted after clearcut and prescribed burn. Person is Jukka Heikkurinen. Continental Forest Industries, Augusta	03/15/81	5
USA.GA	Loblolly pine	Plantation	General view of area clearcut and prescribe burned(cf slide #1705). Continental Forest Industries, Augusta	03/15/81	6
USA.GA	Loblolly pine	Plantation	General view of 20yr-old loblolly pine plantation.Continental Forest Industries, Augusta	03/15/81	7
USA.GA	Loblolly pine	Thinning - commercial	Commercial thinning in 20-yr loblolly pine plantation. Continental Forest Industries, Augusta	03/15/81	8
USA.GA	Loblolly pine	Thinning	Heavily thinned loblolly pine plantation. Person is Clarence Coons. Continental Forest Industries, Augusta	03/15/81	9
USA.GA	Loblolly pine	Wildlife area	Loblolly pine plantation manged for wildlife habitat. Continental Forest Industries, Augusta	03/15/81	10
USA.GA	Loblolly pine	Plantation	Loblolly pine 4 yrs after planting. Person is Gord. Simpson.Augusta Continental Forest Industries	03/15/81	11
USA.GA	Slash pine	Disease	Fusiform rust(Cronartium fusiforme) in slash pine. Savannah , Union Camp. Person is Fred Robinson	03/15/81	12
USA.GA	Slash pine	Plantation	Slash pine at 20yrs. Savannah, Union Camp	03/15/81	13
USA.GA	Slash pine	Plantation	Slash pine at 3 yrs. Person is Jack Starr. Savannah, Union Camp	03/15/81	14
USA.GA	Loblolly pine	Crown	Crowns of larger loblolly pine. N.B. openness compared with red, jackand white pines. Savannah	03/15/81	15
USA.GA	Loblolly pine	Plantation	General view of young(ca. 10yrs)loblolly pine plantation. Savannah, Union Camp	03/15/81	16
USA.GA	Loblolly pine	Tree improvement	Seed orchard of loblolly pine.Savannah, Union Camp	03/15/81	17
USA.GA	Loblolly pine	Tree improvement	Cone shaker to harvest cones in seed orchard.Savannah, Union Camp	03/15/81	18
USA.GA	Slash pine	Stand	General view of loblolly pine ca. 35-40yrs. Brunswick GA.	03/15/81	19
USA.GA	Slash pine	Prescribed burn	Prescribed burn to control understory vegetation in loblolly pine plantation. Brunswick, GA	03/15/81	20
USA.GA	Loblolly pine		Forester Sarigumba describing forest to visiting Ontario foresters. Union Camp, Brunswick	03/15/81	21
USA.GA	Slash pine	Fertilization	Effect of phosphorus fertilizer on growth of slash pine. N.B. trees in foreground fertilized, those in background are control(unfert). Union Camp, Brunswick	03/15/81	22
USA.GA	Hardwoods	Stand	Native hardwoods with some loblolly pine. Union Camp, Brunswick	03/15/81	23
USA.GA	Hardwoods	Stand	Spring in Georgia- for Ontarians. Brunswick, Union Camp	03/15/81	24
USA.GA	Loblolly pine-hardwoods	Prescribed burn	Prescribed burn in recent cutover prior to further site preparation.Brunswick, Union Camp	03/15/81	25
USA.GA		Site preparation	Fleco chopper used to crush slash on cutovers, sometimes after a prescribed burn. Brunswick, Union Camp	03/15/81	26
USA.GA	Hardwoods	Land clearing	KG blade used in clearing hardwood cutovers. Brunswick	03/15/81	27
USA.GA		Stump pulling	Pulling out pine stumps in fields to extract resins etc. Brunswick, Hercules Corp.	03/15/81	28
USA.GA		Stump pulling	Extracting old pine stumps from fields for resins etc. Brunswick, Hercules Corp.	03/15/81	29
USA.GA		Stump pulling	Pushing out and old pine stump. Brunswick, Hercules Corp.	03/15/81	30
USA.GA		Loading stumps	Loading old pine stumps on to a sloop. Brunswick, Hercules Corp.	03/15/81	31
USA.GA		Loading stumps	Sloop loaded with old pine stumps ready to go for distillation at plant. Brunswick, Hercules	03/15/81	32
USA.GA	Loblolly pine	Thinning	Hercules have developed a system of injecting trees that are to be commercially thinned with paraquat which makes the root collar much more. This modified saw is used. Brunswick, Hercules	03/15/81	33
USA.GA	Loblolly pine	Thinning	Equipment used by Hercules staff for injecting plantations to be thinned(done 2 yrs prior). Brunswick, Hercules. cf slides #1733,1735	03/15/81	34
USA.GA	Loblolly pine	Thinning	Tree bored & injected with paraquat(Pinex).Normally the stand is notthinned until 2+ yrs later. Brunswick, Hercules	03/15/81	35
USA.GA	Loblolly pine	Fire prevention	Standard fire-break used in southern pine plantations. Brunswick,	03/15/81	36
USA.GA	Slash pine	Turpentine	New 'face' for turpentine in slash pine. Brunswick	03/15/81	37
USA.GA	Slash pine	Turpentine	Slash pine stand that is used for turpentine production. Brunswick	03/15/81	1738
USA.GA	Longleaf pine	Stand & grass stage	Stand of longleaf pine with grass stage regeneration in foreground. Brunswick	03/15/81	1739
CAN.NS	Balsam fir	Spruce budworm	General view of spruce budworm affected balsam fir in Cape Breton Highlands. Photo by NS Dept.Lands & Forests.	07/15/81	1740
CAN.NS	Balsam fir	Spruce budworm	Aerial view of balsam fir killed by spruce budworm. Cape Breton HldsPhoto by NS Dept. Lands & Forests	07/15/81	41
CAN.NS	Balsam fir	Spruce budworm	Aerial view of salvaging budworm killed balsam fir. Cape Breton HldsPhoto by NS Dept. Lands & Forests	07/15/81	42
CAN.NS	Balsam fir	Logging - oxen	Skidway and oxen, Bridgewater. Photo Brian Gilbert	02/15/82	43
CAN.NS	Balsam fir	Logging - oxen	Ox team("Belle & Star") used to skid logs.Bridgewater.Photo by BrianGilbert	02/15/82	44
CAN.NS	Balsam fir	Logging- oxen	Ox team in yoke. Bridgewater. Photo Brian Gilbert	02/15/82	45
CAN.NS	Balsam fir	Logging-oxen	Team of oxen used for skidding logs. Bridgewater.Photo Brian Gilbert	02/15/82	46
CAN.NS	Balsam fir	Logging	Oxen skidding logs. Bridgewater. Photo Brian Gilbert	02/15/82	47
CAN.NS	Balsam fir	Logging	Ox team and skidway. Bridgewater. Photo Brian Gilbert	02/15/82	48
CAN.NS	Balsam fir	Logging	The 'skidder'being refueled. Oxen at lunch break. Bridgewater. PhotoBrian Gilbert	02/15/82	49
CAN.NS	Balsam fir	Logging	Backing up the 'skidder'. How to manoevre oxen. Bridgewater. Photo Brian Gilbert	02/15/82	1750
CAN.NS	Balsam fir	Logging	Oxen hauling logs to the skidway. Bridgewater Photo Brian Gilbert	02/15/82	51
CAN.QC	Balsam fir	Thinning	Precommercial thinning in balsam fir. Beauce Co.	11/15/81	52
CAN.QC	Balsam fir-hardwoods	Woodlot	Private land forestry woodlot inspection. Beauce Co.	11/15/81	53
CAN.QC	Hard maple	Sugar bush	General view of sugar bush. Beauce Co.	11/15/81	54
CAN.ON	Black spruce-jack pine	Forest	Aerial viewof Tyrol Lake plantations, Beardmore. Photo M.F.Squires	09/15/81	55
CAN.ON	White pine	Plantation	White pine planted 1976 at 6 yrs. Matches property. Persons are E.F.Johnston & John Lambie, MNR	06/15/82	56
CAN.ON	White pine	Plantation	White pine planted 1976 at 6 yrs. Matches Property.Persons are 'Pud'(E.F.)Johnston & John Lambie, MNR	06/15/82	57
CAN.ON	White pine	Plantation	White pine planted 1949 at 33yrs. Comp. 126, Grey County Agreement Forest, Owen Sound. Person is E.F.(Pud) Johnston	06/15/82	58

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON	White pine	Plantation	General view of white pine planted 1949 at 33yrs. Comp 126, Grey Co.Agreement Forest.	06/15/82	59
CAN.ON	White pine	Thinning	White pine planted 1951 at31yrs.Commercially thinned 1980-81. Personspeaking is Bob Staley. McArthur Tract, Maple, MNR	06/15/82	60
CAN.ON	Hard maple	Cutting	Poor utilizaton and harvest in a private woodlot. McLaughlin Propy.Maple, MNR	06/15/82	61
CAN.ON	Hard maple	Harvesting	Properly harvested woodlot. McLaughlin Propy. Maple MNR Person is Bob Staley. cf Slide #1761	06/15/82	62
CAN.ON	Hard maple	Regeneration	Maple regeneration after harvest 1972,now 10yrs later. Reed Propy. Maple. MNR	06/15/82	63
CAN.ON	Hard maple	Tree	Choice tree in woodlot, estimated 500ftm. Jackson Propy. Maple, MNR	06/15/82	64
CAN.ON	White pine	Regeneration	White pine 3yrs. after shelterwood cut 1976(6yrs prior). N.B. slow growth. Georgian Bay M.U., Harrison Twp. MNR	06/15/82	65
CAN.ON	White pine	Regeneration	Regrowth 3 yrs after 1979 cut in white pine.N.B.competing vegetationcnf slide # 1765. Georgian Bay M.U. Harrison Twp.Person is Dan Galley	06/15/82	66
CAN.ON		Delimber	Denis delimber at work. Ostrum siding, Ontario Paper.	06/15/82	67
CAN.ON		Hauling	Peeled pulpwood loaded on railcars, Ostrum siding to got to mill at Thorold. Ontario Paper Co.	06/15/82	68
CAN.ON	Poplar	Regeneration	Aspen poplar clearcut 1979, after 3 yrs. N.B. regeneration and standin background. Shining Tree M.U. Person is Mike Innes.	06/15/82	69
CAN.ON	Jack pine	Seed Production	Seed production area in jack pine.Thinned 1978, after 4yrs.GaribaldiTwp. Shining Tree M.U. MNR	06/15/82	1770
CAN.ON	Jack pine	Seed Production	Jack pine seed production area,thinned 1981, after 1yr.Garibaldi TwpShining Tree M.U. MNR	06/15/82	71
CAN.ON	Jack pine	Residual White pine	Residual white pine left in jack pine clearcut. Shining Tree M.U.	06/15/82	72
CAN.ON	Jack pine-spruce	Residual white pine	Residual white pine left after clearcut. Shining Tree M.U.	06/15/82	73
CAN.ON	Jack pine	Harvesting	Whole tree harvesting with Koehring feller-forwarder.Londonderry TwpShining Tree M.U.	06/15/82	74
CAN.ON	Jack pine	Harvesting	Whole tree harvesing with Koehring feller-forwarder. Londonderry TwpShining Tree M.U.	06/15/82	75
CAN.ON	Jack pine	Harvesting	Log pile from whole tree harvesting with Koehring feller-forwarder. Londonderry Twp. Shining Tree M.U.	06/15/82	76
CAN.ON	Jack pine	Harvesting	Action of Koehring feller-forwarder unloading whole trees at landingfor delimbing. Londonderry Twp. Shining Tree M.U.	03/17/00	77
CAN.ON	Jack pine	Site preparation-seeding	Clearcut 1979, prescribed burn 1980. Aerial seeded 1980 & 1982. Garvey Twp. Shining Tree M.U.	06/15/82	78
CAN.ON	Jack pine	Site preparation-seeding	Clearcut 1979, prescribe burned 1980. Aerial seeded 1980 & 1982. Assessment plot. Garvey Twp. Shining Tree M.U.	06/15/82	79
CAN.ON	White spruce	Tree	The "Eddy Tree". used by E.B. Eddy in a 'doctored' photo for PR. Hwy 144.	06/15/82	1780
CAN.ON	White pine	Plantinig	Mechanical planting usung a Lowther crank axle planter and simazine on old field. Hammond Propy. Owen Sound. MNR	05/15/82	81
CAN.ON	White pine	Planting	Lowther crank axle planter and application of simazine.Hammond PropyOwen Sound. MNR	05/15/82	82
CAN.ON	White pine	Planting	Hand planting and applying simazine. Owen Sound MNR. Cf slides#1781&1782.	05/15/82	83
CAN.ON	White pine	Plantation	White pine planted 1976 at 6 yrs. N.B. growth. soil was farmed out &partly eroded. Owen Sound. Person is John Lambie	05/15/82	84
CAN.ON	White pine	Disease	Blister rust(Cronartium ribicola) in planted white pine. Infection was most probably in nursery. Owen Sound MNR	05/15/82	85
CAN.ON	White pine	Plantation	White pine planted 1972 after 10yrs. Tomory Propy. Person is E.F. Johnston. MNR Owen Sound	05/15/82	86
CAN.ON	Hard maple	Harvesting	Results of harvesting timber marked 1980-81. 8M ftm. @ \$200/M ftm. Elgin Rorkes Propy. Owen Sound	05/15/82	97
CAN.ON	Hard maple	Regeneration	Natural regeneration after cutting. Matches Propy. 35 acres. Owen Sound. Person is John Lambie. N.B. age classes. cf slide#1789	12/15/75	88
CAN.ON	Hard maple	Harvest	Hard maple marked/cut 1981, in part to further growth of establishedregeneration. Matches Propy. Owen Sound.cf slide #1788. Person is E.F.Johnston	05/15/82	89
CAN.ON	Hard maple	Harvest	Heavy cut for fuelwood in hard maple. Ganaraska Forest, Lindsay	07/15/82	1790
CAN.ON	Red pine	Plantation	Comaprison of red pine 3+0 and 1+2 stock planted after preparation with double mouldboard plow. Lindsay	07/15/82	1791
CAN.ON	Red-white pine	Thinning	Red and white pine planted in alternate rows 1950, thinned 1981-82, after 32yrs. Comp.112 Ganaraska Forest.	07/15/82	92
CAN.ON	Red-white pines	Plantation	Red and white pine planted 1927 in alternate rows,after 55yrs.Ht.21mDbh 30cm, BA 29.1sq.m. Comp. D15A. Ganaraska Forest	07/15/82	93
CAN.ON	Red pine	Stand	Plantation red pine ready for thinning. Hendrie Tract, Simcoe CountyForest. cf slide #1795	07/15/82	94
CAN.ON	Red pine	Thinning	Red pine, Hendrie Tract, Simcoe Co. Forest, immediately after 1982 thinning. cf slide # 1794	07/15/82	95
CAN.ON	Red pine	Cleaning	Hand cleaning in 10yr planted red pine.Formerly Scots pine. Huronia,Simcoe Co.	07/15/82	96
CAN.ON	Red pine-hardwoods	Thinning	Commercial thinning in redpine(planted) and hardwoods.Huronia,SimcoeCounty	07/15/82	97
CAN.ON	Red-white pine	Plantation	Red and white pine planted in rows ration 11red:3white. Middlebrook Tract, East half. Huronia, Simcoe Co.	07/15/82	1798
CAN.ON	Boreal	Access-bridge	New bridge(DREE funding) Manitou Forest, Fort Frances. Boise Cascade	07/15/82	1799
CAN.ON	Boreal	Landcape	Aerial view of jack pine-spruce-poplar, clearcuts & regeneration in Manitou Forest, Boise Cascade, Fort Frances	07/15/82	1800
CAN.ON	Jack pine	Clearcutting & road	Aerial view of cutovers, road & camp. Trout Lake, Great Lakes ForestProducts, Red Lake	07/15/82	1801
CAN.ON	Boreal	Clearcutting-road	Aerial view of clearcuts and roads. Trout Lake, Great Lakes Forest Products. Red lake	07/15/82	2
CAN.ON	Jack pine-spruce	Clearcuts-regeneration	Aerial view of clearcuts, site preparation, roads and forest patternPakwash Forest Boise Cascade, Red Lake	07/15/82	3
CAN.ON	Jack pine-black spruce	Stand	Over mature jack pine and black spruce. N.B. dead crowns. Pakwash Forest, Boise Cascade, Red Lake	07/15/82	4
CAN.ON	Jack pine	Plantation	First plantation after site prepn. with barrels, Engelhart M.U. 1964after 18yrs. cf slides# 148, 473, 576, 596. Davidson Twp.	09/15/82	5
CAN.ON	Jack pine	Plantation	Jack pine planted 1964 at 18yrs. Davidson Twp. Engelhart M.U.Personsare Rob Galloway & Brian Nicks. cf 1805	09/15/82	6
CAN.ON	Jack pine	Regeneration	Area cut, bladed and seedetdo jack pine all in 1975. aerially herb'd1980(2,4-D). After 7yrs. Unexpected success. Bompas Twp. Engelhart M.U.	09/15/82	7
CAN.ON	Jack pine	Planting-container	Jack pine raised in plastic 'pillow' then planted. Swastika	09/15/82	8
CAN.ON	Black spruce	Planting-container	Black spruce raised in plastic pillowthen planted. Swastika	09/15/82	9
CAN.ON	White spruce	Plantation	White spruce planted 1963, herbicide 1968, after 19yrs. Rogers Road, Hearst. person is Harold Frost.	09/15/82	1810
CAN.ON	White spruce	Plantation	White spruce(3+0) planted 1972 at 10yrs. Herbicided 1976. Rogers Rd.Person(glasses) is Dr. Martin Walmsley. Hearst MNR	09/15/82	11
CAN.ON	Black spruce	PLanting-prescribed burn	Black spruce planted after cut then prescribed burn 1982. Rogers Rd.Hearst MNR	09/15/82	12
CAN.ON	Black spruce	Plantation	Black spruce planted 1976 after block cut then shearblading. Herb'd 1981. Pitopiko M.U. Hearst	09/15/82	13
CAN.ON	White spruce	Plantation	White spruce planted 1976, after shearblading 1975.Herb'd 1980. Oba M.U.cf. slides # 1578 & 1580	09/15/82	14
CAN.ON		L&S W Monument	Monument to members(3) of Lumber & Sawmill Workers Union killed by settlers at Reesor siding, 1963. Hwy#11, Persons are Tim Trow & Dr. Martin Walmsley	09/15/82	15
CAN.ON		Soils Course	Brockville soils course on the "Queen of the Islands"	09/15/82	16
CAN.ON		Soils Course	HQ. for Brockville soils course the "Queen of the Islands",	09/15/82	17
CAN.ON		Soils Course	Brockville the "Queen of the Islands". HQ for course	09/15/82	18

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON		Soils course	Brockville soils course at Opinicon resort. The 'students'.	09/15/82	19
CAN.ON		Soils course	Presentation during soils program, Opinicon resort.	09/15/82	1820
CAN.ON		Soils course	Some of the presentations at Brockville soils course.Opinicon resort	09/15/82	21
CAN.ON		Soils course	The judges-Israel Lyon, Larry Lambert & Moe Nelson/Pres.Spruce Fallsat Brockville soils course, Opinicon resort	09/15/82	22
CAN.ON		Soils course	The winners of the 1982 soils competition.Brockville,Opinicon Resort	09/15/82	23
CAN.ON	Balsam fir	Insects	Balsam fir killed by spruce budworm, Engelhart M.U.	09/15/82	24
CAN.ON	Poplar-pine	Cutover	Heavy slash in recent cutover. N.B. poor utilization of poplar. Kirkland Lake	09/15/82	25
CAN.ON	Poplar	Cutover	Heavy grass on poplar cutover on silt loam.S. Lake Abitibi, KirklandLake	09/15/82	26
CAN.ON	Jack pine	Plantation	Aerial view of jack pine plantation. Sudbury	10/15/82	27
CAN.ON	Red pine	Plantation	Red pine planted 1958, after 24 yrs. Goody lake Road, Sioux Lookout	10/15/82	28
CAN.ON	Black spruce-jack pine	Plantation	Black spruce(2+1) and jack pine(2+0) planted 1977 at 6 yrs on area cut 1976, presc. burned 1976. Expanse Lake Rd. Sioux Lookout	10/15/82	29
CAN.ON	Black spruce	Plantation	Black spruce (2+0) planted 1980 after 3yrs. Area cut & presc. burned1976. Person is John Thompson	10/15/82	1830
CAN.BC	White spruce-alpine fir	Thinning	Pre-commercial thinning in white spruce and alpine fir(A.lasiocarpa)Northwood TFL, Prince George	10/15/82	31
CAN.BC	White spruce-alpine fir	Stand	White spruce-alpine fir at 30yrs. Northwood TFL, Prince George	10/15/82	32
CAN.BC	White spruce	Insect	Over-mature white spruce killed by bark beetle. Northwood TFL,PrinceGeorge	10/15/82	33
CAN.BC	White spruce	Cone collection	Fondrich cone collector from helicopter. Prince George.	10/15/82	34
CAN.BC	White spruce	Cone collection	Fondrich cone collector. Prince George	10/15/82	35
CAN.BC		Cone collector	Close-up of Fondrich cone collector. Prince George	10/15/82	36
CAN.BC	White spruce	Cone collecting	Using the Fondrich cone collector on white spruce. Prince George	10/15/82	37
CAN.BC	White spruce	Cone collection	Flying away with cones in a Fondrich cone collector. Prince George	10/15/82	38
CAN.ON	White spruce	Cone collection	Fondrich cone collector used in Timmins. MNR photo	10/15/83	39
CAN.ON	Black spruce	Strip clearcutting	Aerial view of strip clearcutting, Barker Twp. Northern Region	10/15/82	1840
CAN.ON	Black spruce	Tending	Aerial herbicide application, Hearst	05/15/82	41
CAN.ON	Black spruce	Clearcut	Aerial view of block clearcutting in black spruce. Hearst	12/15/82	42
CAN.ON	Jack pine-black spruce	Seeding	Brohm seeder on skidoo for winter(March) seeding of pine & spruce. Kapuskasing	12/15/82	43
CAN.ON	Black spruce	Cutover	Typical Clay belt cutover, N.B. strip road. Area typical for a burn Kapuskasing	10/15/82	44
CAN.ON	Black spruce-poplar	Cutover	Typical upland cutover, N.B. residual poplar.Good for a prescribed burn as site prepn. for planting. Kapuskasing	07/15/82	45
CAN.ON	Black spruce	Prescribed burn	Hand ignition, June 1981. Kapuskasing	06/15/81	46
CAN.ON	Black spruce	Prescribed burn	Hand ignition with drip torch. Kapuskasing	06/15/81	47
CAN.ON	Black spruce	Prescribed burn	Fire line set up by hand ignition. August 1979	07/15/79	48
CAN.ON		Prescribed burn	Aerial ignition device mounted on helicopter.kapuskasing	07/15/79	49
CAN.ON		Prescribed burn	Aerial ignition device on helicopter. Gogama	06/15/80	1850
CAN.ON	Black spruce	Prescribed burn	Initial ignition pattern from helicopter at edge of burn.Kapuskasing	06/15/81	51
CAN.ON	Black spruce	Prescribed burn	Prescribed burn in progress. Kapuskasing	06/15/81	52
CAN.ON	Black spruce	Prescribed burn	Four fires joining up to complete burn. Kapuskasing	06/15/81	53
CAN.ON	Black spruce	Prescribed burn	PB # 2, Kapuskasing, aerial view of fire line established.	06/15/81	54
CAN.ON	Black spruce	Prescribed burn	The area immediately after the PB is over. Kapuskasing	06/15/81	55
CAN.ON	Black spruce	Prescribed burn	After the burn N.B.poplar roots killed. Kapuskasing	06/15/81	1856
CAN.ON	Black spruce	Prescribed burn	Aerial view after the fire to show that edges were not burned.Kapuskasing.	06/15/81	1857
CAN.ON	Black spruce	Prescribed burn	Canso water bomber making "insurance" drop over PB area.Kapuskasing	06/15/81	58
CAN.ON	Hardwoods	Harvesting	Skidding logs(tree length), southern Ontario	05/15/82	59
CAN.ON	Hardwoods	Tending	Timber stand improvement in hardwood bush, March 1983.Person is DaveDeugo.Bracebridge	03/15/83	1860
CAN.ON	White pine	Conversion	Removal of "junk" Scots pine on row by row basis, then to be plantedwith white pine. Bracebridge	03/15/83	61
CAN.ON	Jack pine	Thinning	Precommercially thinned jack pine, Gogama MNR	11/15/81	62
CAN.ON	Black spruce	Tending	Alder killed by herbicide(2-4 D) to release black spruce underneath.Cochrane, Clay Belt	10/15/80	63
CAN.ON	Boreal	Landscape	Aerial view of cutovers and regenerated forest.N.B.buffers,irregularshapes and roads. Gogama	06/15/83	64
CAN.NF	White spruce	Plantation	White spruce planted 1976 at 7yrs. Grand Falls, Abitibi-Price	07/15/83	65
CAN.ON	Hardwoods	Log haul	Hauling logs, central Ontario. N.B. large amount of defect.	07/15/83	66
CAN.ON		Felling	Harricana saw mounted on feller-buncher.	08/15/83	67
CAN.ON		Pulp&paper mill	Aerial view of Spruce Falls Power&Paper mill, Kapuskasing.	08/15/83	68
CAN.ON		Sawmill	Nairn sawmill of E.B.Eddy, 175million fbm/yr	08/15/83	69
CAN.ON		Sawmill	Sawmill of E.B.Eddy, Nairn. 175 million fbm/yr.	08/15/83	1870
CAN.ON		Sawmill	E.B.Eddy sawmill, Nairn. 175 million fbm/Yr. N.B. Beehive burner in action	08/15/83	71
CAN.ON		Sawmill	E.B. Eddy sawmill, Nairn. Views of log deck. N.B. all tree lengths go to sawmill first. Pulp mill gets only chips and small pulp sticksfrom mill.	08/15/83	72
CAN.ON		Faculty of Forestry	First forestry class, University of Toronto, 1907-1908. Dean Fernow, Messrs. Ellis, White, Mitchell & Wodehouse(back),Dwight,Ross,Fernow,Zavitz(front)	06/15/08	73
CAN.ON		Faculty of Forestry	First field camp. Rondeau, 1908. White,Fernow,Ross,Dwight, Mitchell	04/15/08	74
CAN.ON		Aerial surveys	First aerial surveys with HS2L flying boat, used in James Bay surveyof 1920-1922.	06/15/20	75
CAN.ON		Aerial surveys	H.H.(Holly) Parsons aerial sketching in HS2L flying boat, ca. 1925	06/15/25	76
CAN.ON		Harvesting	Squaring white pine	12/15/00	77
CAN.ON		Erosion	Buggy in blow sand, St.Williams.Photo by E.J.Zavitz.	06/15/06	78

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON	White pine	Erosion	White pine stumps in eroded blow sand. York County	06/15/35	79
CAN.ON		Erosion	Erode blow sand in county road. Simcoe County	06/15/28	1880
CAN.ON	Red pine	Planting	Hand planting red pine on PLF old field under Woodlands Improvement Agreement(WIA). Owen Sound MNR	04/15/82	81
CAN.ON	Hard maple	Sugar bush	Drilling to put in spile, Simcoe County	03/15/82	82
CAN.ON	Great lakes-St.Lawrence	Landscape	Aerial view of PLF in southernr Ontario	06/15/82	83
CAN.ON		Woodlots	Woodlands Improvement Agreement(WIA) sign	06/15/82	84
CAN.ON		Canadian Forestry association	Brochure of CFA	06/15/83	85
CAN.ON		Forestry Capital	Simcoe County, Forestry Capital of Canada, 1982	05/15/82	86
CAN.AB		Forestry Capital	Smoky Lake, Alberta. Forestry Capital, 1983	05/15/83	87
CAN.ON		Notice of Timber Sale	Notice of Timber Sale, 1877	06/15/83	88
CAN.ON		Private Lands Forests	Publications of PLF as of 1982 forMNR	06/15/82	89
CAN.ON		Woodlots	PLF survey reports, MNR 1982	06/15/82	1890
CAN.ON		Woodlots	Publications - Landowner survey and PLF 'Green paper'	12/15/82	91
CAN.ON		Woodlots	PLF Green paper MNR, 1982	12/15/82	92
CAN.ON		Timber Commission	Rathbun Commission of 1899, Ontario	12/15/82	93
CAN.OJN		Woodlots	Section of Rathbun report of 1899 dealing with the beneficial effectof woodlots on farms	12/15/82	94
CAN.ON		Forestry	Importance of forestry as described by Thomas Southworth 1899	12/15/82	95
CAN.ON		Woodlots	Description of importance of shelterbelts for farms by T. Southworth1899, Ontario	12/15/82	96
CAN.ON		Forests	Globe & Mail editorial of December 31, 1982 on "running out of wood"	12/31/82	97
CAN.ON		Forestry	Early publication by A.H. Richardson "Forestry in Ontario" Ontario Dept. Lands & Forests, 1928	01/15/83	98
CAN.ON		Forestry	Publication - "The History and Status of Forestry in Ontario" OntarioDept.Lands & Forests, 1943	01/15/83	99
CAN.ON		Forest Resources	First publication of Ontario's forest resources. "Forest Resources of Ontario", by J.F.Sharpe & J.A.Brodie. 1930. Ontario Dept. Lands &Forests	01/15/83	1900
CAN.ON		Forest resources	First post WWII publication of Ontario's forest resources.The ForestResources of Ontario by R.M.Dixon. 1963.Ontario Dept.Lands & Forests	01/15/83	1
CAN.ON		Disease	First publication on disease effects on commercial tree volumes, by Z.J.R Morawski, J.T.Basham & K.B. Turner.Ontario Dept.Lands& Forests	01/15/83	2
CAN.ON		Yield tables	Normal yield tables for Ontario by W.L.Plonski, 1960.These tables were needed when the province adopted'plotless' cruising using the Bitterlich wedge prism for its inventory	01/15/83	3
CAN.ON		Tending-herbicides	First aerial spray manual 1982.Ontario Ministry of Natural Resources	12/15/82	4
CAN.ON		Inventory-regeneration	First manual for use of Infra-red colour photography in assessment of regeneration. 1982. Ontario Ministry of Natural Resources.	12/15/82	5
CAN.ON		Harvest volumes	Roundwood harvest timber volumes, Ontario 1867-1982	12/15/82	6
CAN.ON		Regeneration	Areas planted and seeded, Ontario, 1960-1982	01/15/83	7
CAN.ON		Regeneration	Areas site prepared, planted&seeded, tended. Ontario 1960-1982	01/15/83	8
CAN.ON		Regeneration	Areas site prepared, planted&seeded, tended. Ontario, 1960-1982	01/15/83	9
CAN.ON		Prescribed burns	Areas of prescribed burns. Ontario, 1960-1982	01/15/83	1910
CAN.ON	Hardwoods	Harvestinig	Whole tree chipper in hardwood bush. Cornwall. Domtar	03/15/83	11
CAN.NF	Black spruce	Insect-budworm	Crown dieback in black spruce after spruce budworm attack & dry yearTerr Nova.	07/15/83	12
USA.OR		Landscape	Farm - forest landscape. View of China gulch, near. Medford Oregon	10/15/83	13
USA.OR	Douglas fir	Forest	General view of fotrest near Medford,OR. Persons are Steve Tesch & Dr. Martin Walmsley	10/15/83	14
USA.OR	Douglas fir	Competition	Competing vegetation preventing conifer regeneration.Canyon live oakmadrona, manzanita, Ceanothus. Nr. Medford	10/15/83	1915
USA.OR	Douglas fir	Herbicide	Demonstration plot to show control of competing vegetation.Negro barrn. Medford. Person is Steve Hobbs. This is one of Oregon tate Univ.FIR plots	10/15/83	1916
USA.OR	Douglas fir	Landscape	General view of the Siskiyou Mts., southwest Oregon	10/15/83	17
USA.OR	Douglas fir	Clearcut	Clearcut in Douglas fir, nr. Grant's Pass, Oregon	10/15/83	18
USA.OR	Douglas fir-ponderosa pine	Harvesting	Clearcut cable logging in Douglas fir-Ponderosa pine on steep slopes.nr. Grant's Pass. Oregon	10/15/83	19
USA.OR	Douglas fir-Poderosa pine	Regeneration	Clearcut areas, burned vs unburned and adjacent shelterwood.All are planted. nr. Grant's Pass, Oregon	10/15/83	1920
USA.OR	Douglas fir-ponderosa pine	Regeneration	Unburned(foreground) and burned clearcuts with shelterwood in back ground. Nr. Grant's Pass. Planted to Douglas fir	10/15/83	21
USA.OR	Douglas fir	Shelterwood	General view of shelterwood harvest in Douglas fir. Nr. Grant's Pass	10/15/83	22
USA.OR	Douglas fir	Forest	General view of forest, Siskiyou Mts. Medford, Oregon	10/15/83	23
USA.OR	Douglas fir	Cutover	Martin walmsley looking down from edge of cutover. Siskiyou Mts.	10/15/83	24
USA.OR	Sugar pine	Tree	Sugar pine(P.lambertiana) in Siskiyou Mts.	10/15/83	25
USA.OR	Douglas fir	Forest	Over-mature Douglas fir at highest elev.in Siskiyou Mts. N.B. dead tops and poor crowns.	10/15/83	26
USA.OR	Douglas fir	Forest	mature Douglas fir forest ready for harvest. Siskiyou Mts.	10/15/83	27
USA.OR	Sugar pine	Forest	Sugar pine- open stand adjacent to Douglas fir forest in slide#1927.Siskiyou Mts.	10/15/83	28
USA.OR	Sugar pine	Forest	Sugar pine forest. Siskiyou Mts.	10/15/83	29
USA.OR	Douglas fir-sugar pine	Forest	Mature Douglas fir-sugar pine forest ready for harvest.Siskiyou Mts.	10/15/83	1930
CAN.ON		Tour	Canada-Ontario Forest Develp.Agreement(COFRDA) management team beingaddressed by Bill Towill. Shebandowan Man. Unit. Thunder Bay	09/15/85	31
CAN.ON	Jack pine	Planted stock	'Hockey stick' root of bare root jack pine. Persons are Pat Corbett & Roy Klein, Shebandowan Man. Unit. Thunder Bay	09/15/85	32
CAN.ON	Jack pine	Plantation	Paper pot jack pine(16weeks) planted summer,1984,at one year.Person is Bob Haig. Shebandowan Man. Unit. Thunder Bay	09/15/85	33
CAN.ON	Jack pine	Seed cones	Trial of plastic seed cones with jack pine seeding. Shebandowan Man.Unit, Thunder Bay	09/15/85	34
CAN.ON	Balsam fir	Insect-budworm	Aerial view of spruce budworm killed balsam fir.Shebandowan Man.UnitThunder Bay	09/15/85	35
CAN.ON	Balsam fir-black spruce	Insect-budworm	Balsam fir killed by spruce budworm. N.B. black spruce relatively unaffected.Shebandowan Man. Unit. Thunder Bay	09/15/85	36
CAN.ON	Balsam fir-poplar	Insect-budworm	Understory balsam fir killed by spruce budworm, under aspen poplar. Shebandowan Man. Unit.Thunder Bay	09/15/85	37
CAN.ON	Balsam fir	Salvage cut	Aerial view of salvage harvest in budworm killed balsam fir.Shebandowan Man.Unit. Thunder Bay	09/15/85	38

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON		Helicopter	Helicopter for foresters! Wally Creek, Cochrane	09/15/85	39
CAN.ON	Jack pine	Site preparation	Aerial view of cutover that has been site prepaed for planting. N.B.buffer on stream. Timmins. cf slide #1941	06/15/85	1940
CAN.ON	Jack pine	Clearcut	Aerial view of jack pine cutover. N.B. foreground not site prepared, background has been site prepared. cf. slide #1940. Timmins	06/15/85	41
CAN.ON	Jack pine	Clearcut-hwys	Aerial view of clearcut adjacent to Hwy.144.N.B. pattern of cut nearHwy-chewrons. Timmins, E.B.Eddy Forest Products	06/15/81	42
CAN.ON		Spacing Nelder	Aerial view of Nelder plot, Engelhart Man.Unit, Swastika	11/15/84	43
CAN.ON	Jack pine	Regeneration	Aerial assessment of jack pine regeneration using colour -infrared film. Scale is 1:8,000. Thunder Bay	10/15/84	44
CAN.ON	Jack pine -black spruce	Plantation	Plantation information sign. Marshall Twp. Chapleau.	06/15/85	45
CAN.ON	Black spruce	Drainage	View of drainage ditch, Wally Creek, Cochrane	06/15/85	46
CAN.ON	Black spruce	Drainage	Aerial view of ditch being dug. Wally Creek, Cochrane	11/15/84	47
CAN.ON	Black spruce	Drainage	View of Drainage stand. person is Jim Gosnell. Wally Creek, Cochrane	06/15/85	48
CAN.ON	Black spruce	Drainage	View of drainage ditch. Persons are: Mary Mogford(Dep. Min. & Jim Gosnell District Manager. Wally Creek, Cochrane	06/15/85	49
CAN.ON	Black spruce	Drainage	View of black spruce stand, Wally Creek, Cochrane.Persons are: Mike Rosen(project forester) and Mary Mogford(Dep.Min.).	06/15/85	1950
CAN.ON		Deputy Minister tour	Mary Mogford leaving helicopter at Timmins airport during tour	05/15/85	51
CAN.ON		Deputy Minister tour	Mary Mogford peeking into greenhouse. George McCormick(ADM-north) is saying "Mary don't pry". Timmins	05/15/85	52
CAN.ON	White pine	Seed tree system	White pine seed tree system. Tennyson Twp. Espanola	07/15/84	53
CAN.ON	Pine-spruce	Plantation	Aerial view of Kirkwood Forest, Thessalon	07/15/84	54
CAN.ON	Hardwoods	Strip clearcutting	Aerial view of strip clearcutting in hardwoods to get more yellow birch regeneration. cf. slides #1956 & 1957. Blind River	08/15/84	55
CAN.ON	Yellow birch	Regeneration	Yellow birch regeneration 4 yrs after strip clearcutting.Persons areGeorge McCormick & Mike Klugman. Blind River	08/15/84	56
CAN.ON	Yellow birch	Regeneration	Aerial view 4 yrs. after strip clearcutting. N.B. regen. in strips cf slides # 1955 & 1956. Blind River	08/15/84	57
CAN.ON	Jack pine	Regeneration	Jack pine natural seeded after site preparation in 1964 at 20yrs. Person is Dr. Martin Walmsley. Sioux Lookout	08/15/84	58
CAN.ON	White spruce	Plantation	White spruce planted 1972 at 12 yrs. Only 49% stocking. N.B. poplar.Person is Keith Irvine. Sioux Lookout	08/15/84	59
CAN.ON	Jack pine	Insect- budworm	Aerial view of jack pine affected by jack pine budworm. Blind River	08/15/84	1960
CAN.ON	Jack pine	Insect-budworm	Aerial view of jack pine budworm attack on jack pine, Lac aux SablesBlind River.	08/15/84	61
CAN.ON	Jack pine	Insect-budworm	Aerial view of jack pine budworm attack on jack pine. Lac aux sablesBlind River	08/15/84	62
CAN.ON	Jack pine	Thinning	Aerial view of pre-commercial thinning in jack pine approx.46 yrsold(Mississagi fire). Lac aux Sables. Blind River	08/15/84	63
CAN.ON	Jack pine	Insect-budworm	Jack pine branch - needles eaten by jack pine budworm. Blind River	08/15/84	64
CAN.ON	Black spruce -jack pine	Regeneration	Area cut-scarified 1964 for natural jack pine; black spruce planted 1965. N.B. historic barrel oil drum fill with cement and with piecesof railway track.Spruce River Rd. Abitibi-Price, Thunder Bay	07/15/72	65
CAN.ON	Jack pine	Site preparation	Oil drums with cement and steel spikesused to scarify jack pine cut-overs, 1963. Statesman Rd., Geraldton. Photo F.C.Robinson also for photo slide #1965	09/03/63	66
CAN.ON		Site preparation	Historic equipment.Boulders pulled by D-7 to prepare sites.BeardmoreOctober 1962. Photo F.C.Robinson. cf slides #1965 & 1966	10/15/62	67
CAN.ON	White spruce	Plantation	White spruce planted 1982 after prescribed burn(cf slide #1812).Now 2yrs later. Rogers Road, Hearst	08/15/84	68
CAN.ON	White spruce	Plantation	White spruce planted 1977, after 7 yrs. Rogers Road. Hearst	08/15/84	69
CAN.ON	White spruce	Plantation	White spruce planted 1965 at 19 yrs. N.B. thinning in crowns due to spruce budworm attack.Rogers Road, Hearst	08/15/84	1970
CAN.ON			George McCormack(ADM north). at Thessalon.	08/15/84	71
CAN.ON			George McCormack(ADM-north) "Getting ready for the bush". Thessalon	08/15/84	72
CAN.ON	White spruce	Plantation	Aerial view of white spruce planted 1971 at 13 yrs. Burrows Lake. Geraldton. N.B. The seed for these trees came from an exceptional natural stand at the Pagwash River	08/15/84	73
CAN.ON	White spruce	Plantation	Aerial view of white spruce planted 1971 from Pagwa R.seed source. Burrows Lake, Geraldton	08/15/84	1974
CAN.ON	White spruce	Plantation	White spruce planted 1971 at 13yrs. Seed source- Pagwa River.Personsare:James Harrison,Darko Jovic,John McMahon. Burrows Lake,Geraldton	08/15/84	1975
CAN.ON	Jack pine	Regeneration	Aerial view of 'new' forest after seed scattering in early 1950's following logging, now ca. 30yrs old. Longlac, Kimberly-Clark	08/15/84	76
CAN.ON	Jack pine	Regeneration	Aerialview of new forest started from scattering slash with cones after cutting. Longlac, Kimberly-Clark	08/15/84	77
CAN.BC		Duncan Forest Museum	Plaque at Duncan Forest Museum. Duncan	08/15/84	78
CAN.BC		Duncan Forest Museum	Logging locomotive in operation. Duncan	08/15/84	79
CAN.BC		Duncan Forest Museum	Logging railroad & locomotive. Duncan	08/15/84	1980
CAN.BC		Loading chips	Loading chips from sawmill(Canfor, Vancouver) into barge for pulp mill at Howe Sound. Vancouver	08/15/84	81
CAN.BC	Douglas fir	Forest	General view showing forest,cutover and plantation(12yrs). Nanaimo Lakes TFL, MacMillan & Bloedel. Vancouver Island	08/15/84	82
CAN.BC	Douglas fir	Clearcut & regeneration	General view of forest, cutovers, Plantation in foreground. Nanaimo Lakes TFL, MacMillan & Bloedel, Vancouver Island	08/15/84	83
CAN.BC	Douglas fir	Forest	General view of cut, regeneration and old forest left for blacktail deer winter habitat. Nanaimo lakes TFL, MacMillan & Bloedel.The new & old forest	08/15/84	84
CAN.BC	Douglas fir	Wildlife habitat	Large block of old forest left for winter range of blacktailed deer.Nanaimo Lakes TFL. MacMillan Bloedel. Vancouver Island	08/15/84	85
CAN.BC	Douglas fir	Old growth	Old growth left as winter blacktail deer range. Nanaimo Lakes TFL, MacMillan Bloedel. cf. slide # 1985	08/15/84	86
CAN.BC	Douglas fir-western hemlock	Regeneration-natural	Natural regeneration of douglas fir & western hemlock after old cut. new cut to be planted in background. Nanaimo Lakes TFL. MacMillan &Bloedel	08/15/84	87
CAN.MN	Black spruce	Planting	Manual planting black spruce in paper pots. Pine Falls,Abitibi-Price	08/15/84	88
CAN.MN	Black spruce	Plantation	Black spruce paper pot after 3 yrs. Pine Falls, Abitibi-Price.	08/15/84	89
CAN.BC	Douglas fir	Landscape-cutover	Aerial view of douglas fir forest and clearcuts.Near Duncan	09/15/85	1990
CAN.BC	Douglas fir	Harvestinf	Grapple yarder, Renfrew Div., B.C. Forest Products. Person on left is Vince Kerrio, Ontario Minister of Natural Resources	09/15/85	91
CAN.BC	Douglas fir	Harvesting	Minister Vince Kerrio(Ontario MNR) & Mary Mogford(Ontario Dep.Min.) with yarder operator. Renfrew Div., B.C. Forest Products	09/15/85	92
CAN.BC	Sitka spruce	Plantation	Vince kerrio(Ont. MNR Minister) and Mary Mogford(Ont. Dep.Min.) at 6yr sitka spruce plantation."Why don't our trees grow like this?" B.C.Forest Products, Renfrew Div.	09/15/85	93
CAN.BC	Douglas fir	Tree	Douglas fir 200+yrs. Persons are Vince Kerrio, Mary Mogford & Gerry Burch(V-P timber lands). B.C.Forest Products, Renfrew Div. cf slide #1992 & 1993	09/15/85	94
CAN.BC	Douglas fir	Felling	Felling old 200+yrs Douglas fir. Renfrew Div. B.C.Forest Products	09/15/85	95
CAN.BC	Douglas fir	Felling	Tree being felled- middle distance. watched by Vince Kerrio & Mary Mogford.Renfrew Div. B.C.Forest Products	09/15/85	96
CAN.ON	White spruce	Plantation	White spruce planted 1966 at 20yrs. Person is Larry Lambert. Aldina Twp. Thunder Bay. cf slides #155,156,510,511 & 1266	07/15/86	97
CAN.ON	White spruce	Plantation	White spruce planted 1964 after 22yrs.Survival in 1966-79%.Marks TwpThunder Bay. cf. slides # 111 & 112.	07/15/86	98

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON	White spruce	Plantation	White spruce planted 1964. Marks Twp.Thunder Bay. cf slides # 111 & 112. N.B. Mix of species-paper birch etc	07/15/86	99
CAN.ON	White spruce	Plantation	White spruce planted 1964 at 22yrs. Marks Twp. Thunder Bay. cf slide# 1997, 1998 & 1999.	07/15/86	2000
CAN.ON	White spruce	Plantation	Cutover scarified 1968, white spruce planted 1973.N.B.Jack pine fromscarification now providing overstory for spruce.Person is R. ClarkeGlenwater Rd. Thunder Bay	07/15/86	1
CAN.ON	White spruce-jack pine	Plantation	White spruce & jaack pine planted in old field by Great Lakes Paper 1957 at 31 yrs. Person is Roy Klein. Has just been thinned. Conmee Twp. Thunder Bay	07/15/86	2
CAN.ON	Jaack pine-white spruce	Thinning	Swedish forwarder for use in plantation thinning. Conmee Twp.ThunderBay	07/15/86	3
CAN.ON	Jack pine	Thinning	Swedish forwarder moving jack pine pulp bolts from plantation.ConmeeTwp. Thunder Bay	07/15/86	4
CAN.NB	Black spruce	Plantations	Aerial view of plantations & forest. Veneer Hill, Black Brook. J.D. Irving	09/15/86	5
CAN.NB	Black spruce-balsam fir-hardwoods	Landscape-plantations	Aerial view of plantations. N.B.current cut in lower rh corner,roadsand extent of plantations. Veneer Hill area,BlackBrook, J.D.Irving	09/15/86	6
CAN.NB	Hardwoods	Site preparation-crushing	Aerial view of hardwood cutover in process of being crushed. N.B.thecrusher near road, and difference between crushed & uncrushed areas.Black Brook, J.D.Irving	09/15/86	7
CAN.NB	Black spruce	Plantations- highway	Black spruce plabntations N.B.youngest near road,angle of plantationoldest behind, and uncut hardwoods. Black Brook, Stewart Hwy. J.D. Irving	09/15/86	8
CAN.NB	Black spruce	Plantations	Aerial view of plantations established in strips. Black Brook, J.D. Irving	09/15/86	9
CAN.NB	Black spruce	Plantations-landscape	Aerial view of plantations. N.B. Roads and series of beaver ponds. Black Brook, J.D.Irving	09/15/86	2010
CAN.NB	Spruce	Plantations-mill	Aerial view of plantations and Deersdale mill. Napadogan Road. J.D. Irving	09/15/86	11
CAN.BC	Douglas fir	Regeneration	Natural regeneration after clearcutting at 31yrs. Renrew Div. B.C. Forest Products. N.B. undergrowth of huckleberry etc	10/15/86	12
CAN.BC	Douglas fir	Regeneration	Natural douglas fir at 31yrs after clearcutting, probably slash burn. N.B. stump from earlier cut. Renfrew Div. B.C.Forest Products	10/15/86	13
CAN.BC	Douglas fir-western hemlock	Harvesting	General view of over mature douglas fir & western hemlock being cut. Renfrew Div. B.C. Forest Products	10/15/86	14
CAN.ON		Site preparation	Modified Koehring with power heads for scarification. Developed by Great lakes Forest products. Thunder Bay.	09/15/86	15
CAN.ON		Site preparation	Power heads of scarifier mounted on Koehring & developed by Great Lakes Forest Products, Thunder Bay	09/15/86	16
CAN.ON		Site preparation	Boulder used for site preparation. Geraldton 1961. Photo by F.C. Robinson. cf slides # 1967 & 2018	06/15/61	17
CAN.ON		Site preparation	Rocks being pulled by D-7, October, 1962. Beardmore. Photo by F.C. Robinson	10/15/62	18
CAN.ON	Jack pine	Thinning	Jack pine seeded 1974-1976. Precommercially thinned 1986 to 3,000/haAubrey Twp. Dryden	07/15/87	19
CAN.ON	Jack pine	Thinning	Jack pine seeded 1974-76.Precommercial thinned 1986 to 3,000/hectarePerson is Linda Pilkey. Aubrey Twp. Dryden	07/15/87	2020
CAN.ON	Jack pine	Thinning	Jack pine seeded 1974-76. Precommercially thinned 1986 to 3,000/ha.Aubrey Twp. Dryden	07/15/87	21
CAN.ON	Black spruce	Plantation	Black spruce planted 1963, released(cleaned) 1976-1977. Dryden Man. Unit.	07/15/87	22
CAN.ON	Black & white spruce	Plantation	White and black spruce planted 1972, released 1983. Persons are Bob White and Fay Verheggen. Dryden Man. Unit.	07/15/87	23
CAN.ON	Black & white spruce	Plantation	Black & white spruce planted 1972. Released 1983,after 15 yrs.Personis Bob White. Dryden Man.Unit	07/15/87	24
CAN.ON	Jack pine	Regeneration	Clearcut(800+hectares)1970-1973, planted 1973-1976. released 1986-87Person is Max Pletch. Colenso Twp.Dryden	07/15/87	25
CAN.ON	Jack pine-white spruce	Regeneration	Clearcut 1970-1973, jack pine & white spruce planted 1973-1976. Thenreleased 1986-87. Colenso Twp. Dryden	07/15/87	26
CAN.ON	Jack pine	Plantation	Jack pine planted 1973 after 14yrs.Released 1986-87. Colenso Twp. Dryden	07/15/87	27
CAN.ON	Jack pine	Plantation	Jack Pine planted 1973, released(hand cleaning) 1986-87. Colenso TwpDryden	07/15/87	28
CAN.ON	Jack pine	Regeneration	jack pine from seeding. Firesteel River. Persons are Dave Wray & RonCalvert. Thunder Bay	08/15/87	29
CAN.ON	Jack pine	Regeneration	Jack pine from seeding. Firesteel River. Person is Ron Calvert. N.B.this stand was heavily thinned by mice when ca.5 yrs.cf slide#	08/15/87	2030
CAN.ON	Jack pine	Plantation	Jack pine planted 1976 at 11yrs. N.B. canker. cf.slides #1274-1278. Block 3, Raith, Abitibi-Price freehold. Thunder Bay	08/15/87	31
CAN.ON	Black spruce	Clearcutting	Aerial view of clearcutting in Boreal forest north ofTimmins	09/15/87	32
CAN.ON	Black spruce	Regeneration	Aerial view of black spruce regeneration following clearcutting in 1950's. N.B. strips still visible. cf. slide #2032. North ofTimmins	09/15/87	2033
CAN.ON	Jack pine-spruce	Regeneration	Aerial view of areas cut 1950-1960,28-38yrs later. N.B.mixed speciesno treatments. South of Godson Lake, Dryden	05/15/88	2034
CAN.ON	Jack pine	Seeding	Aerial view of forest including area seeded to jack pine in 1963, after clearcutting. South of Godson Lake. Dryden	05/15/88	35
CAN.ON	Jack pine	Thinning	Aerial view of jack pine seeded 1978-79 after clearcutting, Thinned,precommercially 1986-87.N.B. shallow soil. Snake Bay Rd. Dryden	05/15/88	36
CAN.ON	Jack pine	Thinning	Aerial view of jack pine seeded 1978,precommercially thinned 1987-88N.B. shallow soil, exposed bedrock. Snake Bay Rd. Dryden	05/15/88	37
CAN.ON	Jack pine	Thinning	Aerial view of jack pine seeded 1978 after site prep. with barrels, precommercial thinning 1986-88. Nivens Bay. Dryden	05/15/88	38
CAN.ON	Jack pine	Regeneration	View of jack pine after 1968 clearcut. Person is John Cary, who whenunit forester in 1978 declared this would not support a new forest. He retracted as a witness before the E.A Board, 1988. Niven	05/15/88	39
CAN.ON	Jack pine-white spruce	Plantation	Area clearcut 1975, planted with jack pine & white spruce 1976. now at12 yrs. N.B. natural jack pine. Colenso Twp. Dryden	05/15/88	2040
CAN.ON	Poplar-jack pine	Forest after fire	Aerial view of Dryden 18 fire(1976), 12 years later. N.B.poplar & jack pine.. Dryden	05/15/88	41
CAN.ON	Boreal	Forest	Aerial view of forest, including kill from 1976 Dryden 18 fire.	05/15/88	42
CAN.ON	Jack pine	Regeneration	Aerial view of area regene'd after clearcutting then wildfire 1976.Aerially seeded 1977 and again in 1979. Now 9-11yrs later N.B. bands of regeneration, also shows blanks. Camp #1. Dryden	05/15/88	43
CAN.ON	Black spruce	Regeneration	Area cut 1982-83, site prepared with shearblades 1984. N.B. natural black spruce. person is John Cary. Houghton Lake, Sioux Lookout	05/15/88	44
CAN.ON	Jack pine	Regeneration	Natural regeneration after 1982-83.N.B.jack pine surrounded by moose'pellets'- natural fertilizer! Houghton Lake, Sioux Lookout.Person isBill Thornton	05/15/88	45
CAN.ON	Black spruce	Strip clearcut	Chevron strip clearcuts, 1985. Angle blade & disc trencher 1987-88 for natural black spruce. CHUM, Sioux Lookout	05/15/88	46
CAN.ON	Black spruce	Clearcut	Cutover 1981-84. No treatment. Some natural regeneration.Persons areBill Thornton & John Cary. Pointer Lake, Sioux Lookout	05/15/88	47
CAN.ON	Black spruce	Regeneration	Natural regeneration on area cleaercut 1981-84. No treatment. Personis John Cary. Pointer Lake, Sioux Lookout	05/15/88	48
CAN.ON	Black spruce	Block clearcut	Aerial view of block (strip) clearcut 1983, site prepared with TTS disc trencher 1985. Ranger Lake, Sioux Lookout	05/15/88	49
CAN.ON	Black spruce	Regeneration	Area block(strip) clearcut 1983.Site prepared with TTS disc trencher1985 for natural regen.Persons are Bill Thornton & John Cary.Ranger Lake, Sioux Lookout. cf slide #2049	05/15/88	2050
CAN.ON		Lecture	E.B.Eddy lecture- forest areas southern Ontario,1963 & 1986.	10/15/89	51
CAN.ON		Lecture	E.B.Eddy lecture - Canada's Balance of Trade, 1984-1987	10/15/89	52
CAN.ON		lecture	E.B.Eddy lecture - Canada's Balance of Trade, Forest vs Others,1976-1987	10/15/89	53
CAN.ON	Jack pine	Forest	Low site class jack pine(SC III-), Wabigoon Forest, Dryden. Persons are, Ian McCormack, Dave Salter & Len Suomo.	10/15/89	54
CAN.ON	Black spruce	Regeneration	Site of landing from cut 25yrs ago. Black spruce natural regen. is 10yrs. Person is Ian McCormack. Wabigoon Forest, Dryden	10/15/89	55
CAN.ON		Northern Forest Biol. Ctre.	Northern Forest Biology Centre under construction.Lakehead Univ. Thunder Bay. Person is Keith McClain	10/15/89	56
CAN.AB	Lodgepole pine	Clearcutting	Clearcutting with modification for visual/landscape appearance. Kananaskis.cf. slide #2058	10/15/89	57
CAN.AB	Lodgepole pine	Clearcut	Inside the clearcut in slide #2057. Kananaskis.	10/15/89	58

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.AB	Lodgepole pine	Site preparation	Finned barrels and spiked chains in site preparation. Kananaskis	10/15/89	59
CAN.AB	Lodgepole pine	Site preparation	Close-up of finned barrels and spiked chains used in site preparatnKananaskis	10/15/89	2060
CAN.NB	Black spruce-jack pine	Landscape signage	Visitor location outside Fndy Nat'l Park. To show budworm 'protect' forest cf. those inside park. J.D.Irving, Fundy. cf slide#2062	08/15/90	61
CAN.NB	Black spruce	Plantations	Black spruce planted 1977 at 13yrs. These are in the landscape in slide # 2061. J.D.Irving, Fundy	08/15/90	62
CAN.NB	Jack pine	Plantation	Jack pine planted 1983 at 7yrs. Miramichi Pulp & Paper, Newcastle	08/15/90	63
CAN.NB		Paper machine	Paper machine, Miramichi Pulp & Paper Co. Newcastle	08/15/90	64
SN.NB		Paper machine	Head of paper machine, Miramichi Pulp & paper Co. Newcastle	08/15/90	65
CAN.NB		Paper machine	Coating rolls of paper machine. Miramichi Pulp & Paper. Newcastle	08/15/90	66
CAN.NB		Paper roll	Paper roll, Miramichi Pulp & Paper Co. Newcastle	08/15/90	67
CAN.NB	Balsam fir	Bridge - road	Bridge - stream crossing and forest road. Miramichi Pulp & Paper, Newcastle	08/15/90	68
CAN.ON	Red pine	Forest signage	Sign at entrance to York Regional Forest, Vivian.	10/15/90	69
CAN.ON	Red pine	plantation	Red pine at 60yrs, after planting on worn out farm land. N.B. old white pine stump. York Regional Forest. Vivian	10/15/90	2070
CAN.ON	Red pine	Road - trail	Views along road and trail in 60 yr red pine. York Regional Forest. Vivian	10/15/90	71
CAN.ON	Red pine	Thinning	Commercial thinning in 50yr red pine. York Regional Forest, Vivian	10/15/90	72
CAN.ON	Red pine	Thinning	Damage to butts of residual trees caused in skidding out logs during thinning. York Regional Forest. Vivian. cf slide #2072	10/15/90	73
CAN.ON	Red pine	Log yard	Log yard for thinnings.N.B. pile of tops.York Regional Forest,Vivian	10/15/90	74
CAN.ON	Red pine	Plantation	Clearcut strip for natural white pine & planted red pine at ca 18yrsShiningwood Bay. Temagami	06/15/91	75
CAN.ON		Foresters	John Cary and Peter Hynard. Minden Man.Unit. Minden	06/15/91	76
CAN.ON	Poplar-largetooth	Regeneration	Area od 'mixed shit' clearcut 1979-1980. N.B. excellent growth of largetooth aspen which as planned has taken over.South of Ox NarrowsMinden Man.Unit. Person is Peter Hynard	06/15/91	77
CAN.ON	Hardwoods	Site preparation	Area clearcut 1979-1980. NBG for aspen. Tramped & herbicided 1990 for prescribed burn in 1991. S. Ox Narrows. Maiden M.U.	06/15/91	78
CAN.ON	Hardwoods	Site preparation	Area clearcut 1979-1980 in 'mixed shit'.No aspen.Tramped & herbicide1990 ready for prescribed burn 1991. S.Ox Narrows. Minden	06/15/91	79
CAN.ON	Hardwoods	Site preparation	Area clearcut 1979-1980. No aspen regen.Tramped & herbicide 1990 forPrescribe burn 1991. N.B. beaver pond and buffer strip left. S. Ox narrows, Minden Man. Unit	06/15/91	2080
CAN.NB	Balsam fir	Stand	80yr balsam fir stand. Persons Joe O'Neil speaking with Len DelicaetRandy Billing, Eric Rawlinson & Fraser Wilson. Repap, Miramichi	07/15/91	81
CAN.NB	Balsam fir-spruce	Stand	80 yr balsam fir-spruce stand. NB. moss-covered stump in foreground.Repap, Miramichi	07/15/91	82
CAN.NB	Balsam fir	Harvesting in stream buffer	Rotne single grip harvester felling in salmon stream buffer. Repap, Miramichi	07/15/91	83
CAN.NB	Balsam fir	Harvesting	Rotne single grip harvester with tree. Repap, Miramichi	07/15/91	84
CAN.NB	Balsam fir	Harvesting	Rotne single grip harvester de-limbing tree. Repap, Miramichi	07/15/91	85
CAN.NB	Balsam fir	Harvesting	Rotne single grip harvester cutting to length.Repap, Miramichi	07/15/91	86
CAN.NB	Balsam fir	Thinning	Balsam fir stand thinned using Rotne single grip harvester. N.B.logsRepap, Miramichi	07/15/91	2087
CAN.NB		Partners !	Fraser Wilson attempting to convince Ernst&Young partners(cf.slide 2081) that there is a future in forest management audits. Repap Miramichi	07/15/91	2088
CAN.NB		Falls	Sheephead falls, Repap, Miramichi	07/15/91	89
CAN.NB		Forest model	Forest model used by forestry staff to explain forest managment to public. Repap,Miramichi	07/15/91	2090
CAN.NB		Forest model	Model of road building and bridge used to show public forest road building activities.Repap,Miramichi	07/15/91	91
CAN.NB	Jack pine	Plantation	Jack pine planted 1985, herbicided 1989. Joe O'Neil showing to the Ernst&Young party. Repap, Miramichi	07/15/91	92
CAN.NB	Jack pine	Plantation	Jack pine planted 1985. No herbicide treatment. cf slide #2094.RepapMiramichi	07/15/91	93
CAN.NB	Jack pine	Plantation	Jack pine planted 1985, herbicided 1989. after 4yrs. Repap,MiramichiPerson is Joe O'Neil. cf slide #2093	07/15/91	94
CAN.NB	Balsam fir	Bridge-road	Bridge and road over salmon stream. Repap,Miramichi	07/15/91	95
CAN.BC	Douglas fir	Demonstration Forest	Entrance to Seymour Forest, North Vancouver	11/15/91	96
CAN.BC	Douglas fir	Regeneration	Douglas fir regen.N.B. area has been herbicided.UBC Forest, Maple Ridge	11/15/91	97
CAN.BC	Douglas fir	Plantations	Douglas fir plantations and older stand. N.B. stream with no buffer is monitored for quality. UBC Forest, Maple Ridge	11/15/91	98
CAN.BC	Douglas fir	Slash burning	Slash burning in cutover,in reparation for planting.UBC Forest,MapleRidge.	11/15/91	99
CAN.BC	Douglas fir	Slash burning	Slash burning in cutover to prepare for planting. UBC Forest, Maple Ridge	11/15/91	2100
CAN.ON	Red pine	Spacing	Red pine spacing plots, Pine Springs, Frost Centre, Dorset. Persons are ken Armsom & Peter Hynard.	06/15/91	2101
CAN.ON	Red pine	Plantation-debudding	Red pine plantation used for debudding experiment, 1954.cf slides#98&99. Pine Springs, Frost Centre, Dorset.Persons are John Cary &PeterHynard	06/15/91	2102
CAN.ON	Hardwoods	Selection system	Selection cut(1990) in hardwoods. South Welch Lake, Minden.Persons are John Cary & Peter Hynard.	06/15/91	3
CAN.ON	White pine	Site preparation	Area of poor hardwoods, cut, tramped,sprayed(1988), prescribe burned1989. Planted with white pine(2+1) 1990. Salmon Lake.Person is PeterHynard	06/15/91	4
CAN.ON	Hardwoods	Stand	View of 'mixed shit' hardwoods that Hynard is converting back to white pine by treatment as in slide #2104.Salmon lake untreated area	06/15/91	5
CAN.ON	White pine	Shelterwood system	Regeneration following shelterwood system on shallow/bedrock sites. "fair" success. Minden Man.Unit. Person is Peter Hynard	06/15/91	6
CAN.ON		Bush travel	"Truck stop" during bush travel.Person is Peter Hynard. White Lake Road(?). Minden Man. Unit	06/15/91	7
CAN.ON	Red pine	Plantation	Red pine planted 1929 after 62 yrs. Person is Peter Hynard. VictoriaCounty Forest, Comp. 48.	06/15/91	8
CAN.ON	White pine	Regeneration	White pine planted 1929 after 62 yrs. N.B. Strong lesser vegetation and weak white pine regeneration. Person Is Peter Hynard.	06/15/91	9
CAN.ON	White pine	Shelterwood	Regeneration of white pine 14 yrs after shelterwood cut(1977)on deepsand. Hinden Twp. Minden Man.Unit. Person is Peter Hynard	06/15/91	2110
CAN.ON	White pine	Shelterwood	Regeneration 14yrs after shelterwood cut(1977) on deep sand. Hinden Twp. Minden Man.Unit. Persons are Ken Armsom & Peter Hynard	06/15/91	11
CAN.ON	White pine	Regeneration	Area clearcut 1977, site prep'd with Young's Teeth 1986,planted N.B.regen.after 5yrs. cf. slide #1634, showing poor regen. naturally. Persons are John Cary & Peter Hynard	06/15/91	12
CAN.ON	White pine	Shelterwood	White pine shelterwood, bladed 1977, regen.after 14yrs.On deep sandsJen Creek, Minden Man.Unit. cf slide #1634.Persons are John Cary & Peter Hynard	06/15/91	13
CAN.ON	Hardwood	Selection system	Regeneration in hardwoods after 12 yrs, selection system cut in 1979Persons are John Cary & Peter Hynard. Hinden Twp. Minden Man.Unit	06/15/91	14
CAN.ON	Beech-black cherry	Stand	Excellent polewood beech and black cherry.Long Point Cons.Authority Nanticoke. Person is Ted Wilson	06/15/92	15
CAN.ON	Red oak-hemlock	Stand	Red oak and eastern hemlock. N.B. stumps. Long Point Cons. AuthorityNanticoke.	06/15/92	16
CAN.ON	Dogwoods	Flowers	Dogwoods in flower, St. Williams, May 1992 adjacent to red pine plantations.	06/15/92	17
CAN.ON	Dogwood	Flower	Dogwood flower, St. Williams, May, 1992	06/15/92	18

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON	Red pine	Plantation	Red pine planted 1926 after 66yrs. St. Williams	06/15/92	19
CAN.ON	Red oak-white pine	Regeneration	Red oak and white pine regeneration following cutting. St.Williams	06/15/92	2120
CAN.ON	Black gum	Tree	Black gum tree, Backus Tract, St.Williams	06/15/92	21
CAN.ON	Black gum	Regeneration	Black gum at 29yrs after clearcutting 1963. Person is Ted Wilson whowas forester responsible. Backus Tract, St.Williams	06/15/92	22
CAN.ON			Minister Jim Auld, Dep.Min. Keith Reynolds and Ken Armson at airportKapuskasings. July, 1980	07/15/80	23
CAN.ON	Black spruce	Instruction	Ken Armson explaining to Minister Jim Auld & Keith Reynolds some forestry matter. Kapuskasing, Spruce Falls Power & Paper.	07/15/80	24
CAN.ON	Black spruce	Filming	Jim Auld filming activities at Spruce Falls Power&Paper, KapuskasingPersons are Ken Armson & Keith Reynolds.	07/15/80	25
CAN.ON	Black spruce		Jim Auld, Keith Reynolds, Ken Amson & Ken Cleary at Kapuskasing	07/15/80	26
CAN.ON	Black spruce	Log deck	Al Peacock, Ken Armson, Vic Sleep, Keith Reynolds & Jim Auld on a pulpwood log deck. Spruce Falls Power & Paper, Kapuskasing	07/15/80	27
CAN.ON	Black spruce	Harvesting	Ed Markus, Jim Auld & Keith Reynolds at operations. Spruce Falls P&PKapuskasings	07/15/80	28
CAN.ON	Black spruce	Fishing	Al Peacock, Ken Armson and Mike Innes viewing the pickerel catch. Spruce Falls Power & Paper, Kapuskasing	07/15/80	29
CAN.ON	Black spruce	Fishers!	Group photo of the MNR fisher'men',including Susan Kydd.Spruce FallsPower & Paper. Kapuskasing	07/15/80	2120
USA.GA	Slash pine	Tree improvement	Progeny test in slash pine 7yr.old plantation. Union Camp	09/15/73	31
CAN.ON	Jack pine	Landscape	Three stages in forest development.Natural forest,plantation, recentclearcut. E.B.Eddy, Espanola. Photo OFIA	06/15/85	32
CAN.ON	Jack pine	Clearcut	Aerial view of large clearcut.Dog River, Great Lakes Forest ProductsN.B. roads.cf slide #2134	06/15/80	33
CAN.ON	Jack pine	Regeneration	Aerial view of Slide #2133 after 10yrs and regenerated to jack pine again. Dog River, Great Lakes Forest Products	06/15/90	34
USA.ME		Mill	Aerial view of Somerset mill and settling ponds. S.D.Warren	08/15/94	35
USA.ME		Pulp mill	Aerial view of Somerset mill of S.D.Warren	08/15/94	36
USA.ME	Red pine-hardwoods	Landscape	Aerial view of two age classes of red pine plantations and hardwoodsS.D.Warren, Maine	08/15/94	37
USA.ME	Red pine	Plantation	Aerial view of 8yr.old red pine plantation. S.D.Warren, Maine	08/15/94	38
USA.ME	Red pine-hardwoods	Plantations	Aerial view of red pine plantations in larger setting of hardwoods. S.D.Warren, Maine near Moose Lake	08/15/94	39
USA.ME	Balsam fir	Herbicide	Aerial view of natural balsam fir released by recent herbicide(Roundup). S.D.Warren, Maine	08/15/94	2140
USA.ME	Hardwoods	Clearcuts	Aerial view of clearcuts in hardwoods. N.B. patterns and age classesS.D.Warren, Maine	08/15/94	41
USA.ME	Hardwoods	Clearcut	Aerial view of 35acre(14hectare)clearcut in hardwoods. N.B. absence of slash - everthing utilized. S.D. Warren	08/15/94	42
USA.ME	White pine-red spruce	Stand structure	Current harvesting in 150yr white pine with 70 yr spruce.S.D.Warren	08/15/94	43
USA.ME	Balsam fir-spruce	Thinning	Aerial view oof precommercial thinning in natural balsam fir and spruce. S.D.Warren	08/15/94	44
USA.ME	Balsam fir-spruce	Thinning	Aerial view of precommercial thinning in natural balsam fir & spruceS.D.Warren	08/15/94	45
USA.ME	Balsam fir-spruce	Thinning	Aerial view of recent precommercial thinning in balsam fir & spruce.N.B. red brown of dead material. S.D.Warren	08/15/94	2146
USA.ME	Balsam fir-spruce	Thinning	Aerial view of two age classes of precommercial thinning in balsam fir & spruce. S.D.Warren	08/15/94	2147
USA.ME	Balsam fir	Thinning	Precommercial thinning in older cutovers. S.D.Warren	08/15/94	48
USA.ME	Balam fir-spruce	Fertilization	Aerial view of pulp mill sludge treatment operation. 8-12 tons/acre adn approx. 750 acres treated annually. S.D.Warren. N.B. no data on the results. S.D.Warren	08/15/94	49
USA.ME	Balsam fir-spruce	Fertilization	Aerial view of natural regeneration of balsam fir & spruce treated with pulp mill sludge @ 8-12 tons/acre. N.B. grey areas have been treated. S.D.Warren	08/15/94	2150
USA.ME	Red pine	Plantation	Red pine planted in 1930's after 60 yrs.The Labonta plantation. S.D.Warren	08/15/94	51
CAN.Qc	Hardwoods	Stand	Poor quality hardwoods in Great Lakes-St Lawrence region on where white pine previously grew.Mastigouche, Kruger Paper	03/15/95	52
CAN.Qc	Hardwoods	Log deck	Hardwood logs(N.B.defect) from porr quality stands. Mastigouche, Kruger Paper.	03/15/95	53
CAN.Qc	Balsam fir	Slection cut	So-called selection cut in balsam fir. Mastigouche. Kruger Paper	03/15/95	54
CAN.Qc	Balsam fir	Cutover	Area cutover for natural regeneration. Mastigouche, Kruger paper	03/15/95	55
CAN.Qc	Balsam fir-white pine	Cutover	Area cutover for balsam fir.N.B. residul white pine. Mastigouche, Kruger Paper	03/15/95	56
CAN.Qc	Balsam fir	Harvesting	Unchoking logs at skidway. Mastigouche, Kruger Paper	03/15/95	57
CAN.Qc	Balsam fir	Harvesting	Skidway of balsam fir logs. Mastigouche, Kruger paper	03/15/95	58
CAN.AB	Poplar-white spruce	Stand	Generalview of polar-spruce mixed wood. Persons are Bruce Winship. N.B. White spruce. Lesser Slave Lake, Weyerhaeuser	07/15/95	59
CAN.BC	Douglas fir-cedar	People	People in the forest. Chilliwack	04/15/95	2160
CAN.BC	Douglas fir	Cutover	Old cutover(40yrs). N.B. variety of vegetation. Chilliwack	04/15/95	61
CAN.BC	Douglas fir	Cutover	Old(40yrs) cutover.N.B. hardwood(bigleaf maple) and rotten stem of old douglas fir. Chilliwack	04/15/95	62
CAN.BC	Douglas fir	Lesser vegetation	Devil's club(Oplopanax horridum). Chilliwack	04/15/95	63
CAN.BC	Douglas fir	Landscape	Clearcut in agricultural/urban setting. Chilliwack	04/15/95	64
CAN.BC	Douglas fir	Plantation	Douglas fir plantation, N.B. Ribes in flower. Chilliwack	04/15/95	65
CAN.BC	Douglas fir	Ribes flowers	Ribes flowers in Douglas fir plantation. Chilliwack. cf slide#2165	04/15/95	66
CAN.BC	Douglas fir	Regeneration	Douglas fir regeneration in cutover. Chilliwack	04/15/95	67
CAN.BC	Douglas fir	Lesser vegetation	Pacific dogwood in Douglas fir plantation. Chilliwack	04/15/95	68
CAN.BC	Douglas fir	Thinning	Douglas fir plantation at 30yrs. Precommercially thinned. Chilliwack	04/15/95	69
CAN.BC	Douglas fir	Thinning	Dougl's fir plantation at 30yrs being precommercially thinned by prisoners. CVhiliwack	04/15/95	2170
CAN.BC	Douglas fir	Thinning	"Chain-ofcustody" method of removing thinnings by prisoners in a precommercial thinning. Chilliwack	04/15/95	71
CAN.NB	Balsam fir	Harvesting	Aerial view of clearcut #10, N.B. skidder with tree lengths. Fraser Inc., Edmunston	10/15/95	72
CAN.NB	Hardwoods	Harvesting	Aerial view of clearcut #10 in hardwoods. N.B. tree lengths cf slide#2172. Fraser Inc. Edmunston	10/15/95	73
CAN.NB	Balsam fir	Thinning	Aerial view of commercially thinned 50yr old balsam fir. Fraser Inc.Edmunston	10/15/95	74
CAN.NB	Black spruce	Plamntation	Black spruce planted 1982 at 13yrs. Fraser Inc. Edmunston	10/15/95	75
CAN.NB	Hardwood	Skidway	Skidway of hardwood logs. Plaster Rock. Fraser Inc. freehold.	10/15/95	76
CAN.ON	Poplar hybrid	Plantation	Hybrid poplar. N.B. mortality vs live clones. Nanticoke	05/15/95	77
CAN.ON	Poplar hybrid	Mortality	Mortality in hybrid poplar clone. Person is Ted Wilson. Nanticoke	05/15/95	78

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
CAN.ON	Poplar	Disease	Stem canker in hybrid poplar. Nanticoke	05/15/95	79
CAN.ON	Poplar hybrid	Clones	Two clones planted at same time. N.B. differences. Nanticoke	05/15/95	2180
CAN.ON	Hardwoods	Stand	General view of Deciduous Forest - oaks,ash, beech etc. Nr.Simcoe, Norfolk County	05/15/95	81
CAN.ON	Hardwoods	Stand	Deciduous forest, nr. Simcoe, Norfolk County. N.B. Tulp tree in thecentre foreground	05/15/95	82
CAN.ON	White oak	Stand	Large white oak, Deciduous Forest,Backus Tract, St. Williams.Person is Ted Wilson	05/15/95	83
CAN.ON	Black gum	Regeneration	Black gum following cutting, N.B. stump. Backus Tract, St.Williams	05/15/95	84
CAN.BC	Douglas fir	Clearcut	Recent clearcut, Woss lake, Englewood Div. Canfor	10/15/95	85
CAN.BC	Douglas fir	Landscape	General view of forest, regenerated clearcuts,lake and road.NimpkishValley, Englewood Div. Canfor	10/15/95	86
CAN.BC	Douglas fir	Landscape	General view of forest, lake and regenerated clearcuts.Nimpkish valley. Englewood Div. Canfor	10/15/95	87
CAN.BC	Douglas fir	Clearcuts	New and old regenerated clearcuts, Nimpkish Valley. Englewood Div. Canfor	10/15/95	88
CAN.BC	Douglas fir	Harvesting	Spar for high lead logging. Englewood Div. Canfor	10/15/95	89
CAN.BC	Douglas fir	Clearcut	Current clearcut. Englewood Div. Canfor	10/15/95	2190
CAN.BC	Douglas fir	Harvesting	Current clearcut(cf slide #2190).View from below spar.N.B. high leadcable. Englewood Div. Canfor	10/15/95	91
CAN.BC	Douglas fir	Harvesting	Remote controlled carriage on high lead to carry logs. Englewood DivCanfor	10/15/95	92
CAN.BC	Douglas fir	Harvesting	Remote controlled carriage with logs on high lead. Englewood Div. Canfor	10/15/95	93
CAN.BC	Douglas fir	Truck haul	Logging truck. Englewood Div. Canfor	10/15/95	94
CAN.BC	Douglas fir	Harvesting	Remote controlled carriage with logs on high lead cable. Englewood Div., Canfor	10/15/95	95
CAN.BC	Douglas fir	Regeneration	Regeneration on 5yr old cutover. Englewood Div. Canfor	10/15/95	96
CAN.BC	Douglas fir	Loading	Transferring logs from truck to railway car. Woss lake, Canfor	10/15/95	97
CAN.BC	Douglas fir	Loading	Transferring logs from truck to railway car. Woss Lake, Canfor	10/15/95	98
CAN.BC	Douglas fir	Truck	Loading trailer on truck for return trip to logging site. Englewood Div. Canfor	10/15/95	99
CAN.BC	Douglas fir	Habitat	Poles(old Douglas fir stems) reinstalled in clearcut to provide for birds and other wildlife - "Woodhenge". Woss Lake, Canfor	10/15/95	2200
CAN.BC	Douglas fir	Habitat	Old douglas fir planted in clearcut to provide habitat for birds andother wildlife. Woss lake, Canfor	10/15/95	2201
CAN.BC		Log sort	Sorting logs. Woss lake, Canfor	10/15/95	2
CAN.BC		Sorting logs	Sorting logs. Woss lake, Canfor	10/15/95	3
CAN.BC	Lodgepole pine	Landscape	Designed clearcut involving cottagers. Bobtail Lake, Isle Pierre,Canfor. N.B. this was a major public involvement.	06/15/96	2204
CAN.BC	Lodgepole pine	clearcut	Winter cut, N.B. area of temporary water. this was an infraction by the company according to the BC Code of Forest practices.Isle Pierre,Canfor	06/15/96	2205
CAN.BC	Lodgepole pine	Clearcut	Poplar reserves and slash piled for burning,all according to B.C.Codeof Forest practices. Isle Pierre, Canfor	06/15/96	2206
CAN.BC	Lodgepole pine	Planting	Lodgepole pine planted 2 weeks before photo.Person is Gerry LapointeIsle Pierre, Bobtail Lake. Canfor	06/15/96	7
CAN.BC	Lodgepole pine	Forest signage	Entrance sign to Bobtail Forest, Isle Pierre. Canfor	06/15/96	8
CAN.BC	Lodgepole pine	Wildlife	Black bear, Isle Pierre, Canfor	06/15/96	9
CAN.BC	Lodgepole pine	Code of Practice	BC's guidelines for forest practices. Person is Rein Kahlke,foresterCanfor, Isle Pierre	06/15/96	2210
CAN.BC	Douglas fir	Harvesting	Clearcut and forest. Pitt River, Jones Operations.	07/15/96	11
CAN.BC	Douglas fir	Clearcut	New and old(regenerated) clearcuts. Pitt River, Jones Operations	07/15/96	12
CAN.BC	Douglas fir	Harvesting	Loading logs with grapple yarder. Pitt River, Jones Operations	07/15/96	13
CAN.BC	Douglas fir	Harvesting	Chokermen at work(Where's Waldo?). Pitt River, Jones Operations	07/15/96	14
CAN.BC	Douglas fir	Harvesting	Unhooking grapples. Pitt River, Jones Operations	07/15/96	15
CAN.BC	Grand fir	Plantation	Clearcut 1995, planted with Grand fir(Abies grandis) 1996.Pitt RiverJones Operations	07/15/96	16
CAN.BC	Douglas fir		John Bichugan, Brian Clay & ???. Pitt River, Jones Operation	07/15/96	17
CAN.BC	Douglas fir	Harvesting	Grapple loader. "in the maw of the logger". Pitt River, Jones Ops.	07/15/96	18
CAN.BC	Douglas fir	Landscape	General view of Pitt River valley showing older regenerated cutoversPitt River.	07/15/96	19
CAN.BC	Douglas fir	Landscape	General view of Pitt River valley showing older (10-20yrs) clearcutsall regenerated. Pitt River	07/15/96	2220
CAN.BC	Douglas fir	Landscape	General view of Pitt River valley showing clearcut.Pitt River	07/15/96	21
CAN.ON	Hardwoods	Scenery	High Falls, Gilmour Forest. Domtar freehold	09/15/96	22
CAN.ON	Hardwoods	Selection system	Selection cut in high quality maple. N.B. Logs. Limerick Twp. Domtarfreehold,Gilmour Forest	09/15/96	23
CAN.ON	Beech	Tree	High quality beech.N.B. bear claw marks.Limerick Twp Gilmour Forest,Domtar freehold	09/15/96	24
CAN.ON	Beech	Tree	Bear claw marks.cf.slide #2224. Gilmour Forest, Limerick Twp. Domtarfreehold	09/15/96	25
CAN.ON	Hardwoods	Stand	Typical 'mixed shit hardwoods(red maple-poplar-balsam fir),Tudor TwpDomtar Frehold, Gilmour Forest	09/15/96	26
CAN.ON	Poplar	Regeneration	Area clearcut 1979. cf.slides #1639 & 1640. Person is Peter Hynard. Minden Man.Unit	06/15/97	27
CAN.ON	Poplar	regeneratiojn	Large tooth aspen regen.after 1979 clearcut. Minden Man.UNIT. Peter Hynard	06/15/97	28
CAN.ON	White pine	Regeneration	White pine regeneration after cut and site preparation with Young's teeth.Person is Peter Hynard. cf.slides 2112 & 2113. Minden Man.Unit	06/15/97	29
CAN.ON	White pine	Regeneration	White pine planted 1990 at 7 yrs.after clearcut, tramping, herbicide & prescribed burn. Salmon River. cf. slide #2104	06/15/97	2230
CAN.ON	White pine	Plantation	White pine planted 1990 at 7 yrs. after clearcut, tramped, burned, Salmon Lake. cf slide #2104. person is Peter Hynard. Minden Man,Unit	06/15/97	31
USA.NY	Red pine	Plantation	Red pine planted 1922. Adirondack Forest. Domtar Freehold	11/15/97	32
USA.NY	Hardwood	Clearcut	Regeneration of hardwoods after cut 1980-1981. Adirondack Forest, Domtar feehold	11/15/97	33
CAN.ON	Hardwood	Ice damage	Ice damage in Stanley sugarbush. Osgoode Twp. Photo Mike Rosen	01/15/98	34
CAN.ON	Hardwood	Ice damage	Interior of stanley sugarbush(slide#2234).Photo Mike Rosen	01/15/98	35
CAN.ON	Hardwoods	Ice damage	Bent saplings. S. Ottawa. Photo Mike Rosen	01/15/98	36
USA.NY	Hardwood	Regeneration	Polewood hardwoods 22yrs. after strip clearcutting, N.B. quality of stems. Persons are Dorothy Hamilton & Tom Lucy. Adirondack Forest Domtar freehold	11/15/97	37
USA.NY	Yellow birch	Regeneration	Pole wood yellow birch fter clearcutting. Adirondack Forest. Domtar freehold	11/15/97	38

LOCATION	FOREST TYPE	ACTIVITY	DESCRIPTION	DATE	No.
USA.NY	Hardwoods	Stand	Stand structure in hardwoods after clearcutting for charcoal/steel operation 22yrs before. Adirondack Forest. Domtar Freehold	11/15/97	39
USA.NY	Hardwoods	Multiple use	Camp Kettle -fishermen/hunter camp.Adirondack Forest.Domtar freehold	11/15/97	2240
USA.NY	Hardwoods	Stand	Typical second growth hardwoods after clearcutting for charcoal. Adirondack Forest. Domtar freehold	11/15/97	41
USA.NY	Beech	Logs	Beech logs at skidway with bear claw marks. Adirondack Forest.DomtarFreehold	11/15/97	42
CAN.ON	Hardwoods	Stand	Typical s. Ontario hardwood stand - Hard maple, beech and white ash	04/15/99	43
CAN.ON	Hardwoods	Stand	Westwind SFL, Livingstone TWP, Troutspawn Rd.; mixed hdwds; person is Jan Larsen	04/15/99	44
CAN.ON	Hardwoods	Stand	Westwind SFL, Livingstone Twp. Troutspawn L. stand marked for cutting winter 1999-2000	04/15/99	45
CAN.ON	Hardwoods	Skidway	Skidway of logs from stand marked and cut adjacent to one in slide # 2245. N.B. defect	04/15/99	46
CAN.ON	Hardwoods	Stand	Westwind SFL, Livingstone TWP. Troutspawn Rd., marked for cutting ;N.B. regenerationin opening from previous cut ca. 10+ yrs ago	04/15/99	47
CAN.ON	Hardwoods	Regeneration	Westwind SFL,Livingstone Twp. Troutspawn L.; Stand marked and cut 1976 and 1996; N.B. polewood development	04/15/99	48
CAN.ON	Hardwoods	Regeneration	Westwind SFL,Livingstone Twp. Troutspawn L.; Stand marked and cut 1976 and 1996; N.B. polewood development	04/15/99	49
CAN.ON	Hardwoods	Measurement	Professor Richard Clarke and dendrometer band for measuring tree diameter growth	04/15/99	2250
CAN.ON	Cavity tree	wildlife	Pileated woodpecker nesting cavity tree	04/15/99	51
CAN.ON	Jack pine	Plantation	Jack pine paperpots planted 1976 the "Robinson" plantation. Abitibi-Consolidated, Raith Block #2 at 23 yrs. Person is Bill Smith. Cf. Slides #1176, 1275-1277,1620	08/15/99	52
CAN.ON	Black spruce	Plantation	Black spruce planted 1982(paperpots) at 17yrs. Abitibi-Consolidated, Raith, Block #2. Person is Martin Kaiser	08/15/99	53
CAN.ON	Jack pine	Seeded	Jack pine , site prepared with Bracke and seeded 1984. Abitibi-Consolidated, Raith, Block #3, Persons are Martin Kaiser & Mac Squires	08/15/99	54
CAN.ON	Black spruce	Plantation	Black spruce planted 1961 by leo Vidlak. Abitibi-Consolidated, Raith, Block #2 at 38yrs. Person is Bill Smith	08/15/99	55
CAN.ON			Field tour by KAA, KEY(Bob Killam + ?), Mac Squires, Martin Kaiser and Bill Smith	08/15/99	56
CAN.ON			Field tour by KAA, KEY(Bob Killam + ?) Mac Squires, Bill Smith, KAA	08/15/99	57
CAN.ON	Black spruce	Tree form	Squirrel pruning of black spruce. Raith	08/15/99	58
CAN.BC	Lodgepole pine	Insect	Mortally due to Moutain pine bark beetle in West Kootenays. near Castlegar	04/22/00	2259