BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

Vegetation Map
094P037

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers
0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRIMS / Ownership
Base Map Source: TRIM / Tantalis

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to support the analytical functions of the Ministry of Forests, Lands, and Natural Resource Operations. The information portrayed may not be complete and up to date Cadastral, administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend revisions June 2014)

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Siviculture Opening in Vegetation
- Permanent Sample Plot (GYS)
- Research Installations

TRIM, Base Features:
- As Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air/Ferries
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- HydroNavBarriers - EBM
- Watercourses - EBM
- Waterbodies - EBM
- Wetlands - EBM
- Ocean - EBM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- INV Region-Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area-Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (< 1,000,000 ha - 15 % hatch)
- Municipal boundary (> 1,000,000 ha) - no hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- BCGS Mapsheet Grid (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE DESCRIPTION
1 Silviculture symbol and Opening Number
2 Polygon Number and multi-layer stand indicator (L)
3 Species Composition
ex: the most important layer is described as Fd (Dougls Fir) and Hw (Western Hemlock).
4 Age, Height, Crown Closure Class Code - separator Site Index / estimated SI
ex: stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (6-15%), SI 20m
5 Vegetated Density Class (or Non-Forest/Productive Descriptor)
ex: a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m.
6 Disturbance History & year - ex: Logged in 1978

Example label: ○12 / 123/L / Fd(Hw) / 211-20 / he sl / GL78

Line 1 - History Record Opeing Number

○12 - opening number valid for BCGS mapsheet   *blank* - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRIMS Polygon Number - ranging from one to nine digits
/L - Multi-layered stand (a separate description of each layer is availiable in the data base, i.e. 1,2)

Line 3 - BC Tree Code List

Species Compsition: Species are labeled in their order of predominance. Major first Minor in brackets.
The following codes are based on "The B.C. Ministry of Forests Tree Code List" version 4.5 dataed January 2009.

NATIVE CONIFERS
C CEDAR; Cw Western Red Cedar; Y CYPRESS; Yc Yellow Cedar; F DOUGLAS FIR; Fd Douglas Fir; Fdc Coastal Douglas Fir; Fdi Interior Douglas Fir; B FIR (Balsam); Ba Amabilis Fir; Bg Grand Fir; Bl Subalpine Fir (alpine); H HEMLOCK; Hm Mountain Hemlock; Hw Western Hemlock; Hxm Mountain x Western Hemlock hydrid; J JUNIPER; Jr Rocky Mtn. Juniper; Js Seaside Juniper; L LARCH; La Alpine Larch; Lt Tamarack; Lw Western Larch; P PINE; Pj Jack Pine; Pf Limber Pine; Pl Lodgepole Pine; Pli Lodgepole Pine (interior); Pxj Lodgepole x Jack Pine hybrid; Py Ponderosa Pine (yellow); Plc Shore Pine (coast); Pw Western White Pine; Pa Whitebark Pine; S SPRUCE; Sb Black Spruce; Se Engelmann Spruce; Ss Sitka Spruce; Sw White Spruce; Sx Spruce hybrid; Sxw Engelmann x White; Sxl Sitka x White; Sxs Sitka x unknown hybrid; T YEW; Tw Western Yew

NATIVE HARDWOODS
D ALDER; Dr Red Alder; U APPLE; Up Pacific Crab Apple; A ASPEN, COTTONWOOD or POPLAR; Ac Poplar; Acb Balsam Poplar; Act Black Cottonwood; Ax hybrid Poplars; At Trembling Aspen; R ARBUTUS; Ra Arbutus; E BIRCH; Ea Alaska Paper Birch; Exp Alaska x Paper Birch hybrid; Ep Paper Birch (white); Ew Water Birch; K CASCARA; Kc Cascara; V CHERRY; Vb Bitter Cherry; Vv Choke Cherry; Vp Pin Cherry; G DOGWOOD; Gp Pacific Dogwood (western flowering); M MAPLE; Mb Bigleaf Maple (broadleaf); Mv Vine Maple; Q OAK; Qg Garry Oak; W WILLOW; Wb Bebb's Willow; Wp Pacific Willow; Wa Peachleaf Willow (Barclay's); Wd Pussy Willow (gray-leaved); Ws Scouler's Willow; Wt Sitka Willow (tea-leaved)

UNKNOWN - OTHER
X UNKNOWN; Xc unknown conifer; Xh unknown hardwood; Z OTHER (tree not on list); Zc other conifer; Zh other hardwood

EXOTICS
APPLE; Ua Apple; ASPEN, COTTONWOOD or POPLAR; Ad *Southern Cottonwood; BIRCH; Ee European Birch; Es Silver Birch (swamp); Ey *Yellow Birch; CHERRY; Vs Sweet Cherry; CYPRESS; Yp *Port Orford Cedar; FIR (Balsam); Bb *Balsam Fir; Bp Noble Fir; Bm *Shasta Red Fir; Bc *White Fir; LARCH; Ld *Dahurian Larch; Ls *Siberian Larch; MAPLE; Me Box Elder; Mn *Norway Maple; Ms *Sycamore Maple; OAK; Qe *English Oak; Qw *White Oak; OTHER EXOTICS; Oa *Incense Cedar; Ob *Giant Sequoia; Oc *Coast Redwood; Od European Mountain Ash; Oe Siberian Elm (southern); Of Common Pear; Og Oregon Ash; Oh *White Ash; Oi *Shagbarck Hickory; Oj Tree-of-heaven; Ok Japanese Walnut; PINE; Pm *Monterey Pine; Pr *Red Pine; Ps *Sugar Pine; SPRUCE; Sn *Norway Spruce

Line 4

4a AGE CLASS CODE	LIMITS (years)	4b HEIGHT CLASS CODE	LIMITS (metres)	4c CROWN CLOSURE CLASS CODE	LIMITS (percentage)
				0	0 - 5
1	1-20	1	0.1 - 10.4	1	6 - 15
2	21-40	2	10.5 - 19.4	2	16 - 25
3	41-60	3	19.5 - 28.4	3	26 - 35
4	61-80	4	28.5 - 37.4	4	36 - 45
5	81-100	5	37.5 - 46.4	5	46 - 55
6	101-120	6	46.5 - 55.4	6	56 - 65
7	121-140	7	55.5 - 64.4	7	66 - 75
8	141-250	8	65.5 +	8	76 - 85
9	251 +			9	86 - 100

4d SITE INDEX
All SI are shown to the nearest metre referenced at 50 years Breast Height Age. SI is based on the age and height of the leading species. When an accurate SI cannot be obtained from age and height, estimated SI is shown after, or replaces the SI.

4e ESTIMATED SITE INDEX
SI is estimated when suitable SI trees arenot present, e.g. young stands (<30yrs). It is denoted by a slash which always precedes it. Associated fields in the data base are Inventory Type Group and SI Estimated source code.

Line 5 Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and I records)

NON-TREED SHRUB
st SHRUB TALL - shrub with average shrub height > or = to two metres.
sl SHRUB LOW - shrub with average shrub height < two metres.

NON-TREED HERB
he HERB - herb with no distinction between forbs and graminoids.
hf HERB - FORBS - herb with forbs > 50% of the herb cover.
hg HERB - GRAMINOIDS - herb with graminoids > 50% of the herb cover.

NON-TREED BRYOID
by BRYOIDS - bryoid with no distinction between mosses and lichens by cover.
bm BRYOID - MOSS - bryoid with mosses, liverworts, and hornworts > 50% of the bryoid cover.
bl BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON VEGETATED
el Exposed Land
ro Rock / Rubble
si Snow / Ice

NON-VEGETATED CATEGORIES (for V and I records)

ap AIRPORT; be BEACH; bl BLOCKFIELD; br BEDROCK; bu BURNED AREA; cb CUTBANK; es EXPOSED SOILS; gl GLACIER; gp GRAVEL PIT; la LAKE; lb LAVA BED; ll LANDING; ls POND or LAKE SEDIMENTS; mi OPEN PIT MINE; mn MORAINE; mu MUDFLAT SEDIMENT; mz RUBBLY MINE SPOILS; oc OCEAN; ot OTHER; pn SNOW COVER; re RESERVOIR; ri RIVER / STREAM; rm RESERVOIR MARGIN; rn RAILWAY SURFACE; rs RIVER SEDIMENTS; rz ROAD SURFACE; ta TALUS; tz TAILINGS; ur URBAN

Note: Water categories (la, oc, re, ri) not labelled over 90 percent coverage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for F records)

A ALPINE; AF ALPINE FOREST /Species; C CULTIVATED; CL CLAY BANK; G GRAVEL BAR; GR GRAVEL PIT; ICE ICEFIELD; M MEADOW; MUD MUD FLAT; NP NON PRODUCTIVE; NPBR NON PRODUCTIVE BRUSH; NPBU NON PRODUCTIVE BURN; NPF NON PRODUCTIVE FOREST /Species; NTA NO TYPING AVAILABLE; OR OPEN RANGE; P HAYFIELD; R ROCK; S SWAMP; SAND SAND; TIDE TIDAL FLAT; U URBAN; NC NON COMMERCIAL; NCBR NON COMERCIAL BRUSH; NP NON PRODUCTIVE; NSR NOT SUFFICIENTLY RESTOCKED; NTA NO TYPING AVAILABLE

Line 6 - Disturbance History

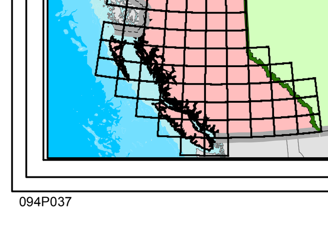
Disturbance type code preceeded by symbol, followed by earliest date
First character of disturbance type designates category, refer to official code list for sub-category descriptions.

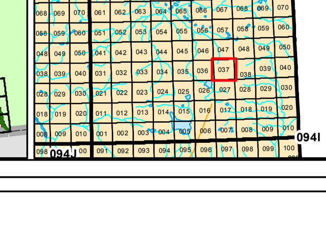
A Animal Damage; B Wildfire; C Cone and Seed Insects; D Diseases; I Insects; L Logging; M Mite Damage; N Non-Biological Injuries; P Cone and Seedling Fungal Pathogens; R Site Rehabilitation; T Treatment Injuries; U Damage Unknown; V Problem Vegetation

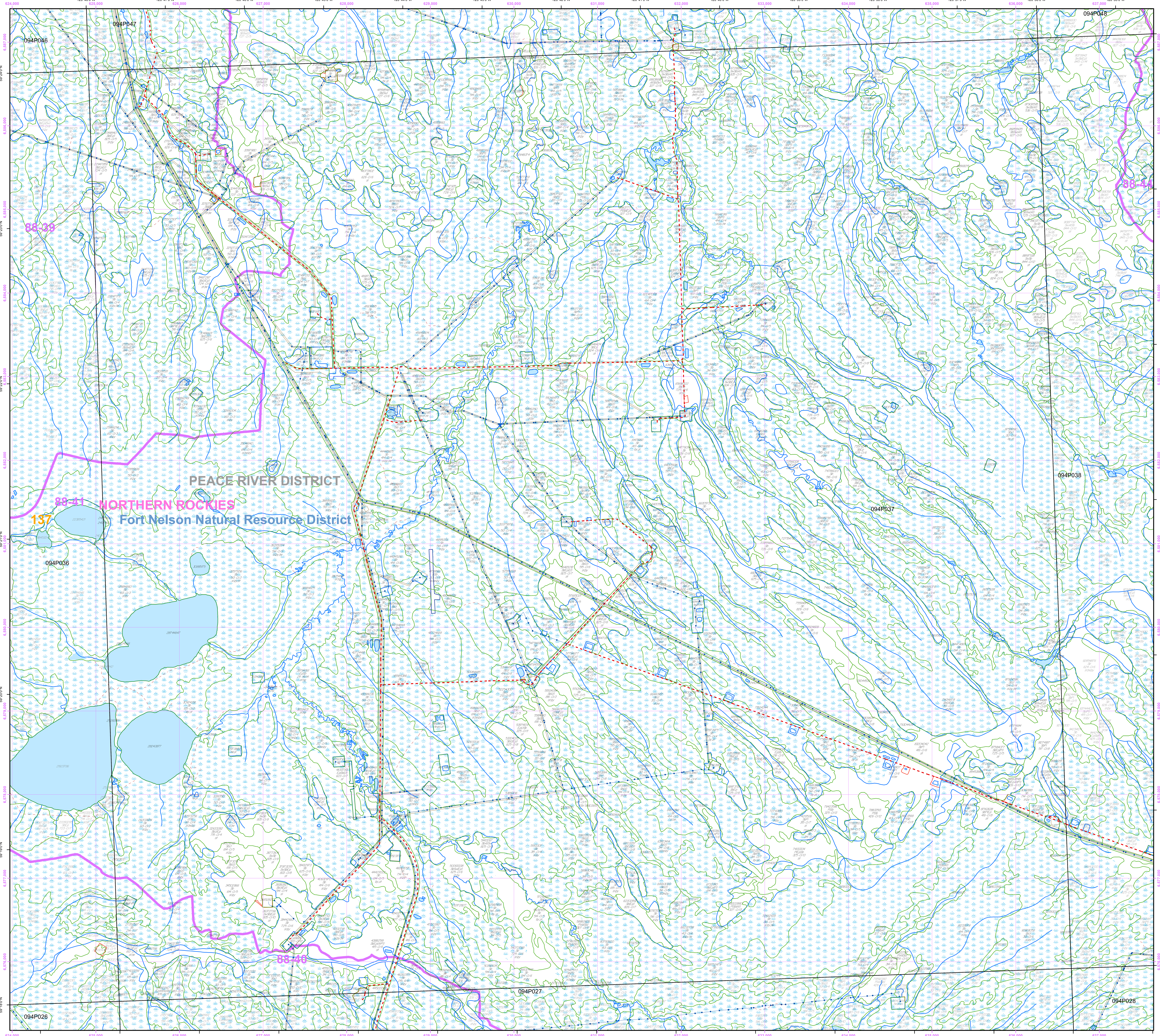
Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of themed RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for -
- OPENING
- OPENING LABELS
- OPENING - PLANTING ACTIVITY
- ACTIVITY TREATMENT UNIT
- STANDARDS UNIT
- SILVICULTURE FOREST COVER
- WILDLIFE TREE PATCH







Overflow Labels

22508290 Sb(Lt) 514-O/7 sl by	30178046 es	42443531 es	52648374 Ep(At)Sb(Pl)(Sw) 326-O/10 sl	60542354 PlSb 325-O/13 sl	67992691 Sb(Pl) 315-O/7 sl by	78044533 Sb 317-O/7 by	89086656 Sb 314-O/6 sl by
22597507 SbEp(Lt) 624-O/6 sl he	30226366 Sb 211-7/7 sl he	42546577 hg sl rz	52648800 Sb(Sw) 625-O/6 sl he	60755595 SbEp(Lt) 725-O/5 sl	68028808 SbAt(Pl) 414-O/5 sl by	78395554 Sb 315-O/6 sl by	89217850 Sb 415-O/6 sl by
22987138 SbEp 726-O/5 sl	30358567 SwSb(Lt) 834-O/9 sl he	42693563 Sb(Sw)(Ep) 725-O/8 sl by	52667003 PlSb 327-O/13	6093496 Sb(Lt) 725-O/5 sl by	68656101 SbEp 724-O/6 sl	78457302 EpSb 326-O/9 sl	89415776 Sb 615-O/5 sl by
23526394 SbLt 413-O/4 he sl by	30885656 hg la	43345556 SbLt 316-O/7 by	53094854 Sb(Lt) 211-7/7 he sl	61148792 SwSb(Ep) 834-O/8 sl	68706818 PlSb 327-O/12	79076476 sl he re	89517316 Sb(Sw) 414-O/7 by sl tr
24038460 SbSw(Ep) 825-O/7 sl	31168632 Sb 514-O/5 sl by he	43412266 SbEp(At) 526-O/7 sl	53328333 sl he ri	61375597 Sb 613-O/3 sl by	69274878 SbEp 624-O/8 sl	79102498 SbEp 625-O/6 sl	89547529 SbSw 624-O/8 sl
24165460 SbLt 511-O/3 sl by	31778595 Sb 527-O/7	43672224 es sl he	53343144 SbSw 725-O/5 sl	61775048 Sb 513-O/4 sl by	69398770 SbPl(At) 417-O/7 by	79304426 Sb 726-O/7 sl	89667000 SbEp 514-O/5 sl by
25038560 SbLt(Ep) 624-O/6 sl he	3993968 Sb 411-O/4 hg sl by	43723602 SwSb 734-O/12 sl	53658185 SwSb 844-O/11 sl	62205647 SbEp 724-O/6 sl	69997157 sl he es	79405557 Sb 615-O/5 sl by	89766482 Sb 610-O/5 sl
25107463 LtSb 311-O/10 sl he by	32602183 Sb 415-O/5 sl by	43727976 Sb(Lt) 825-O/6 sl	53612328 SbLt 314-O/8 sl he	62792526 SbPl(At) 316-O/8	70164057 Sb(Lt) 312-O/4 sl by	79485802 Sb 515-O/6 sl he by	89766779 Sb(Sw)(Ep)(Lt) 414-O/7 sl
25224566 Lt(Sb) 310-O/8 sl hg	32842565 EpSb(Lt) 325-O/12 sl	44034427 SbLt 210-O/8 sl he by	53698310 Pl(At)Sb 327-O/16 sl	63663226 SbEp 725-O/6 sl by	70258491/L At(Sb)(Ep) 225-O/22	79634305 Sb 314-O/6 by sl	89877061 SbSw 516-O/7 by
25288466 Sb 616-O/5 by	32878648 Sb 514-O/5 by sl	44522242 SbEp(At)(Lt) 524-O/7 sl by	53948809 SbSw 825-O/7 sl	63898224 PlSb 326-O/12 sl	70543121 PlSb 326-O/13 sl	80155911 Sb 626-O/6 sl	89926993 SbSw 516-O/7 by
25628619 Sb 627-O/7	33242176 Sb 615-O/5 sl by	44713821 Sb 614-O/5 sl by	54283302 Sb 513-O/4 sl by	64048902 SwSb 834-O/8 sl	70808955 SbLt 211-6/6 he sl es	80217866 sl la he	90306561 Sb 614-O/4 sl by
25663477 Sb 613-O/3 by sl	33416999 SbLt(Ep) 515-O/6 sl by	45523178 Ep 211-O/11 sl he by	54527665 Pl(At)Sb(Ep) 324-O/12 sl	64202378 Sb 514-O/5 sl by	71496901 EpSb 326-O/9 sl	80368093 AtSbEp 327-O/16 sl	90895634 Sb(Lt) 515-O/6 sl by
26057697 Sb 517-O/7	34592178 AtSbPlEp 327-O/15	45747902 Sb 526-O/8 sl	54764559 Sb 211-O/8 sl he	64205621 Sb(Lt) 626-O/6	71528814 Sb(At) 626-O/7	80755573 SbEp 313-O/7 sl he	90922591 PlSb(At) 326-O/14
26302784 SbEp(Sw) 515-O/7 sl	35228189 SbEp 823-O/5 sl	46297641 Sb 826-O/5	54946920 SbEp 725-O/5 sl	64207442 Sb 625-O/6 sl	71599933 Sb 614-O/4 by sl	81256837 AcSbEp 225-O/18 sl	91484807 la sl hg
26368553 Sb(Lt) 514-O/5 sl he by	35314391 SbLt 211-O/8 sl he es	46613342 SwSb(Ep) 630-O/10 he sl ri by	55183614 Sb(Lt) 214-O/8 sl by	64487707 sl ri he	72244345 Sb 616-O/5 sl	81695101 SbEp 625-O/7 sl	91604880 Sb 514-O/5 sl by
26422208 SbEp(Lt) 413-O/6 sl by	35347378 PlSb 326-O/14 sl	46713384 SbPl(Ep) 316-O/8 by	55226663 sl he	64697840 PlSb 327-O/13	72715478 Sb 726-O/5 sl by	81915457 Sb 514-O/4 sl by	91654785 Sb 624-O/6 sl he by
26432291 SbEp(Lt) 413-O/6 sl by	35892196 SbEp 615-O/5 sl by	47166385 LtSb 212-O/11 sl	55565027 SbLt 516-O/6 sl	65238800 Sb 414-O/4 sl by	73186907 EpSb 315-O/7 sl	82452520 PlSb(At) 326-O/15 sl	91663414 SbPl 516-O/5
26472545 Sb 513-O/5 sl by	3621854 Sb 526-O/7	47876150 PlSb 326-O/13	56444983 Sb 513-O/3 sl by	65667141 EpSb 325-O/11 sl	73348741 Sb(Pl) 625-O/6 sl	83122568 Sb(Lt) 313-O/6 sl by	91794370 Sb 726-O/6 sl
26523100 SbLt 511-O/2 sl hg by	36652927 he sl	48733834 he sl re	56636466 SbEp(Lt) 514-O/5 sl by	65788580 SbAt(Sw)(Ep) 416-O/6 sl	73468679 SbSwAt 826-O/7 sl	83492925 Sb 823-O/5 sl he by	91904495 SbLt 413-O/6 sl
26708572 SwSbEp(Lt) 833-O/8 sl he	37686802 SbLt 513-O/5 sl	48976353 SbEp 616-O/4 sl	56836747 LtSb 412-O/8 sl	66278783 SbAt 516-O/7	73843734 Sb 826-O/5 sl	83868215 SbSw 825-O/7	91993872 SbPl(Ep) 515-O/7 sl
27618638 Sb(Lt) 727-O/6	38376975 sl he es	49828524 sl he	57013625 Sb 614-O/5 sl by	66385979 Sb 626-O/6	74605218 SbEp(Sw) 825-O/6 sl	85295861 Sb 616-O/5 sl	92093804 SbLt 313-O/6 sl by
28492071 Sb 313-O/8 by sl	38698715 Sb 614-O/4 sl	49882262 Sb(Ep) 413-O/8 sl he	57096446 Sb 615-O/5 sl by	66558722 Sw 840-O/11 sl he	74712447 SbLt 313-O/6 sl by	85453960 SbPl(Ep) 716-O/4	92213172 SbEp 415-O/7 sl
28622126 Sb 514-O/5 sl by	39528640 Sb(Sw) 627-O/6	50002284 Sb(Sw) 515-O/6 sl by	57372334 Sb(Pl) 413-O/6 sl he by	66616852 PlSb(Ep) 326-O/14 by	74854019 Sb 725-O/5 sl	85525096 SbSw 725-O/7 sl by	92283025 PlSb 427-O/10
28648623 Sb(Lt) 514-O/4 sl by tr	39566073 sl he es	50172827 Sb 615-O/5 sl by	57458808 SbAt(Pl)(Sw) 516-O/6 sl	66687427 SbPl 316-O/5	75608758 Sb(Sw) 727-O/6 by	86316090 sl he es	92612648 Sb(Sw) 514-O/6 sl he
28667021 PlSb 427-O/11	40052254 SbLt 313-O/8 sl	51122265 Sb(Sw) 515-O/6 sl by	56873729 Sb 416-O/4 sl by	66722971 Sb 516-O/6 by	75996345 SbLt 313-O/5 sl by	86888977 Sb 725-O/6 sl	93032835 Sb 615-O/5 sl
28978056 Sb 512-O/5 sl by he	40218655 EpPl(Sb) 211-16/16 he sl bu	51228800 Sb(Sw) 625-O/6 sl he	55903657 SbEp 624-O/6 sl	66793627 Sb(Lt) 525-O/7 sl	76583204 SbEp 826-O/5 by	86957070 Sb 313-O/4 sl he by	
29022106 SbSw 725-O/9 sl	40678666 Sb 614-O/4 sl	51266918 PlSb 326-O/13 sl	59219865 SwAt(Sb) 844-O/10 sl	66798923 SwSb 733-O/12 he sl	76597355 Sb 825-O/6 sl	87408968 la hg sl	
29442519 EpLtSb 315-O/7 sl	41224303 sl he	51606630 SbEp(Lt) 513-O/6 sl he	59282390 PlSb 325-O/13 sl	66868473 SbSw 825-O/7 sl by	76688732 Sb 514-O/5 by sl	87612651 SbEp(Lt) 514-O/6 sl by	
29716959 SbEp(Lt) 724-O/5 sl he by	41362211 SbLt 313-O/8 sl	51607283 SbEp 831-O/9 sl he	59355577 sl re he	67174280 EpSb 211-13/13 he es sl	76726374 SbEp 724-O/6 sl he	88298728 Sb 527-O/9	
29777904 Sb(Lt) 623-O/7 sl he	41412252 SbEp(At) 526-O/7 sl	52088593 Sb 513-O/2 sl by	59178092 Pl(At)(Ep)Sb 325-O/14	67286822 sl he ri	77616445 Sb(Lt) 725-O/5 sl	88429090 SwSb(At) 635-O/13 sl	
29808472 Sb 515-O/7 sl by	41686816 SbSw 826-O/5	52157749 AtPlSb(Ep) 326-O/12 sl	60164706 Sb 516-O/6 by	67427569 SbPl 316-O/7 by	77746228 EpSb 326-O/9 sl	88633166 PlSb 326-O/13 sl	
29848610 Sb 527-O/7	42423810 SbEp(Lt) 514-O/5 sl	52178361 Sb(Pl) 413-O/3 sl by	60476001 Sb 414-O/6 sl	67803912 he sl re	77932469 SbPl 315-O/6 sl	88898290 Sb 314-O/8 sl tr by	