BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

Vegetation Map
093M075

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:

○12
123/L
Fd(Hw)
211-20
he,sl
GL78

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

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

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

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

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

Line 6 - Disturbance History

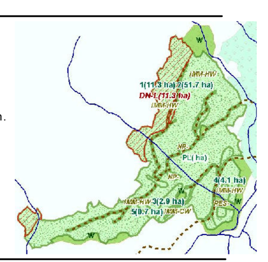
Disturbance type code preceeded by symbol, followed by earliest date
First character of disturbance type designates category, refer to official code list for sub-category descriptions.

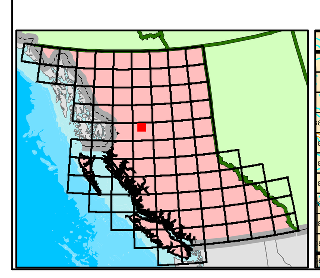
A Animal Damage — L Logging — R Site Rehabilitation
B Wildfire — M Mite Damage — T Treatment Injuries
C Cone and Seed Insects — N Non-Biological Injuries — U Damage Unknown
D Diseases — P Cone and Seedling Fungal Pathogens — V Problem Vegetation
I Insects

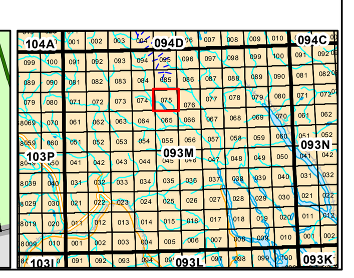
Example Opening History Details

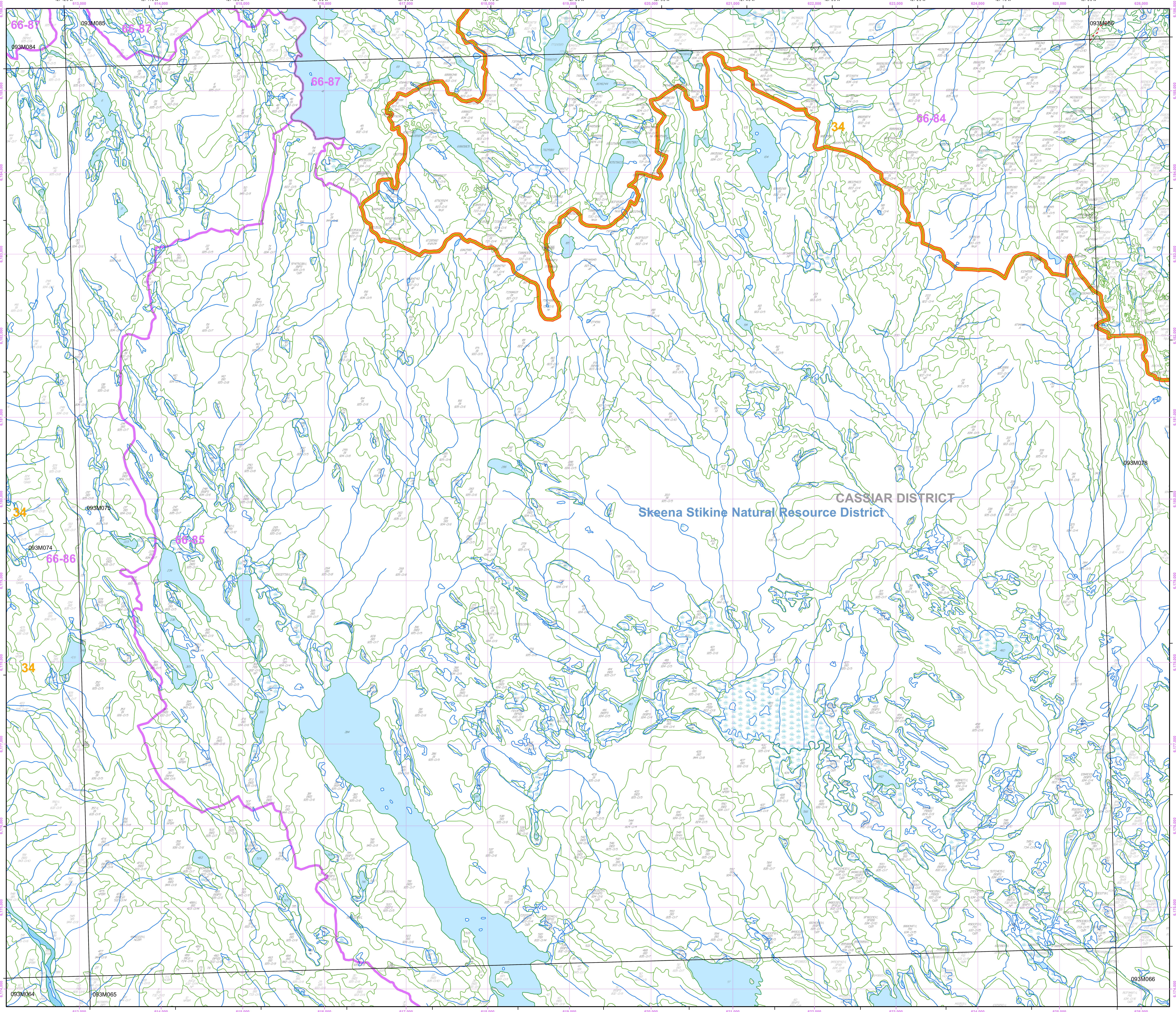
Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of themed RESULTS data.

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

2 M	342 Bl 822-0/4 NP	9799891/L S(Pl) 632-0/16 G111	65076090 he,sl	90066391 Bl 724-0/5 sl
3 Bl 822-0/5 NP	343 Bl 835-0/5	10395222 Bl 824-0/5 he	65275809 Bl 822-0/5 NP	91096190 Bl 824-0/7 he
12 Bl 933-0/4	347	10479913/L P(S) 634-0/16 G111	65625982 he,sl	92186116 Bl 834-0/7
15 Bl 921-0/3 NP	351 Bl 831-0/5 NP	10554834 A	66135404 Bl 821-0/5 he	92876161 he
18 Bl 933-0/4 NP	354 Bl 932-0/6	10900120/L Bl(PlS) 722-0/8 NP G111	66776295 Bl 822-0/5 NP	92946433 Bl 824-0/5 he
23 Bl 921-0/3 NP	355 NPBR	12110343/L Bl(PlS) 722-0/8 G111	67226258 sl,he	95486429 he
27 Bl(Pl) 635-0/18	394	12536337 Bl 820-0/4 he	67736253 Bl 721-0/6 he	95790274/L Pl(SBl) 834-0/16 G111
33 Bl 834-0/5	434 Bl(SPl) 823-0/5	13024862 Bl 924-0/3	67836329 Bl 822-0/5 NP	95979959/L P(S) 733-0/17 G111
37 Bl 722-0/7 NP	449 Bl(PlS) 833-0/5	13310279/L SP(Bl) 844-0/13 G111	70276152 Bl 823-0/6 he	96005816 he
40 Bl(S) 733-0/13	455 BlS 833-0/6 NP	13375695 he,sl	71035291 he,sl	96056113 he
43 Bl 723-0/8	473 SBl 944-0/7	13614690 Bl 924-0/3	71395500 Bl 824-0/4 he	96695743 Bl(Se) 824-0/5 he
47 Bl 833-0/7	502 Bl(S) 834-0/6	13664831 sl,hg	71665084 Bl 824-0/6	97675766 he
65 M	512 Bl 835-0/7	13699898/L P(S) 733-0/14 G111	72652384/L Bl(Pl) 823-0/4 G111	97755607 Bl 822-0/6 NP
73 SBl 732-0/13 NP	515 Pl(SBl) 832-0/10 NP	13745113 Bl 723-0/7 he	73185279 he,sl	97816317 Bl 412-0/7 sl,he
74 AcEp 632-0/14 NP	522 BlS 933-0/8	13895233 he	75635068 A	99925680 he
76 BlSEp 522-0/14	526 BlS 935-0/7	14175893 he	75784936 Bl 821-0/4 NP	99615420 Bl 822-0/6 NP
77 BlS 723-0/10	528 Bl(S) 844-0/13	14434900 sl,hg	75784979 Bl 824-0/6	99895806 Bl 824-0/6 he
78 NPBR	533 BlS 934-0/6	14645191 sl	76425232 Bl 824-0/6	
79 Bl 824-0/6	597 BlS 931-0/6 NP	14666058 Bl 825-0/7	76425298 Bl 824-0/5 he	
81 Bl(S) 835-0/10	603 BlS 634-0/13	14674984 Bl 833-0/6 sl	77406333 he	
83 Bl 821-0/4 NP	605 SBl(Pl) 835-0/11	14675917 BlSe 835-0/6	79495984 Bl 822-0/5 he	
86 Bl(S) 833-0/9	610 Bl 831-0/9 NP	14705521 sl,he	79656414 he,sl	
105 Bl 823-0/6	613 HmPl(Bl) 935-0/5	14754348 Bl 922-0/3 AF	80025685 Bl 823-0/5 he	
115 SBl 845-0/9	616 M	14765283 BlSe 834-0/7 sl,he	81306248 Bl 720-0/5 he	
158 NP	629 SwBl 832-0/7	14784715 he,sl	82135538 Bl 822-0/6 NP	
200 Bl 921-0/3 NP	1246338 Bl 820-0/4 he	14785134 sl	82225406 Bl 824-0/6	
220 Bl 835-0/7	1499896/L SP(Bl) 845-0/12 G111	14815163 BlSe 834-0/7 sl,he	82586113 Bl 823-0/5 he	
221 BlS 834-0/7	2190203/L SBl(Pl) 834-0/10 G111	55632759/L Bl(PlS) 934-0/5 G111	83395960 he	
233 Bl(S) 833-0/6	3825730 Bl 822-0/6 he	59800278/L Bl(PlS) 822-0/4 NP G111	83805632 Bl 723-0/6 he	
296 Bl 824-0/4	6029907/L Pl 732-0/17 NP G111	62210494/L Bl(SPl) 924-0/4 G111	84235939 Bl 834-0/7	
306 Bl 832-0/6 NP	7495633 he	63035321 he,es,sl	84395771 NP	
312 Bl(S) 923-0/4 NP	7625765 he	63415437 Bl 823-0/5 sl	84546269 he	
317 Bl 933-0/5	8139922/L P(S) 732-0/16 G111	63755286 Bl 721-0/6 he,sl	85476198 Bl 834-0/7	
335 Bl 932-0/5 NP	8925593 es	63865648 A	85496263 he	
340 Bl 822-0/4 NP	9565862 he	64346104 Bl 822-0/5 NP	87275739 NP	