

Chilliwack – Cultus Lake area

British Columbia Aerial Overview Survey - Ground Confirmation/Assessment Record			
Location Summary			
Forest District: PCK		TSA:	
100K NTS mapsheet tile:		General location:	
Aerial surveyor name(s) and company name: BB JM			
Aerial survey date: July 4 / 14		Infestation type: FTC / Def	
Location Information:	Longitude:	Latitude:	
NE Cultus Lk	UTM zone:	UTM Easting:	UTM Northing:
BEC classification:			
Access Directions and Conditions/Other Information:			
Aerial Survey Summary			
Original FHF Code:		Pest common name:	
Severity code:		Tree species affected:	
Stand age:		Photographs taken? Yes/No	
Damage symptoms/pattern:			
Additional notes/observations made at time of aerial survey:			
Ground Confirmation/Assessment Summary			
Ground Confirmation Date: July 4 / 14		Ground confirmation completed by:	
Stand Composition/Description: M2 40%			
Sample(s) collected? Yes/No: No Description:		Photographs taken? Yes /No	
Sample(s) submitted to specialist? Yes/No; Specialist name and affiliation:			
Specialists sample assessment/identification notes:			
Notes/observations made at time of ground confirmation: feeding on leaves / defoliation of birch (alder, cherry, maple ?); understory			
Final Assessment Summary			
FHF Code: FTC		Pest common name:	
Severity code: M		Tree species affected:	
Spot: Yes/No	Number of trees: 20%	Stand type (mature/immature/etc.):	
Comments: thinning crowns & feeding dmg			

insert ground photos and descriptions here:





British Columbia Aerial Overview Survey - Ground Confirmation/Assessment Record			
Location Summary			
Forest District:		TSA:	
100K NTS mapsheet tile:		General location:	
Aerial surveyor name(s) and company name:			
Aerial survey date:		Infestation type:	
Location Information:	Longitude:	Latitude:	
	UTM zone:	UTM Easting:	UTM Northing:
BEC classification:			
Access Directions and Conditions/Other Information:			
Aerial Survey Summary			
Original FHF Code:		Pest common name:	
severity code:		tree species affected:	
Stand age:		Photographs taken? Yes/No	
Damage symptoms/pattern:			
Additional notes/observations made at time of aerial survey:			
Ground Confirmation/Assessment Summary			
Ground Confirmation Date: July 4/14		Ground confirmation completed by: BB, JM	
Stand Composition/Description:			
Sample(s) collected? Yes/No, Description: Tent		Photographs taken? Yes/No	
Sample(s) submitted to specialist? Yes/No; Specialist name and affiliation:			
Specialists sample assessment/identification notes:			
Notes/observations made at time of ground confirmation: tents in alder & larvae of WTC			
Final Assessment Summary			
FHF Code: WTC		Pest common name: western forest	
Severity code:		tree species affected: alder	
Spot: Yes/No	Number of trees: 4	Stand type (mature/immature/etc.): roadside	
Comments: photos			

insert ground photos and descriptions here:











Unidentified maple disease?

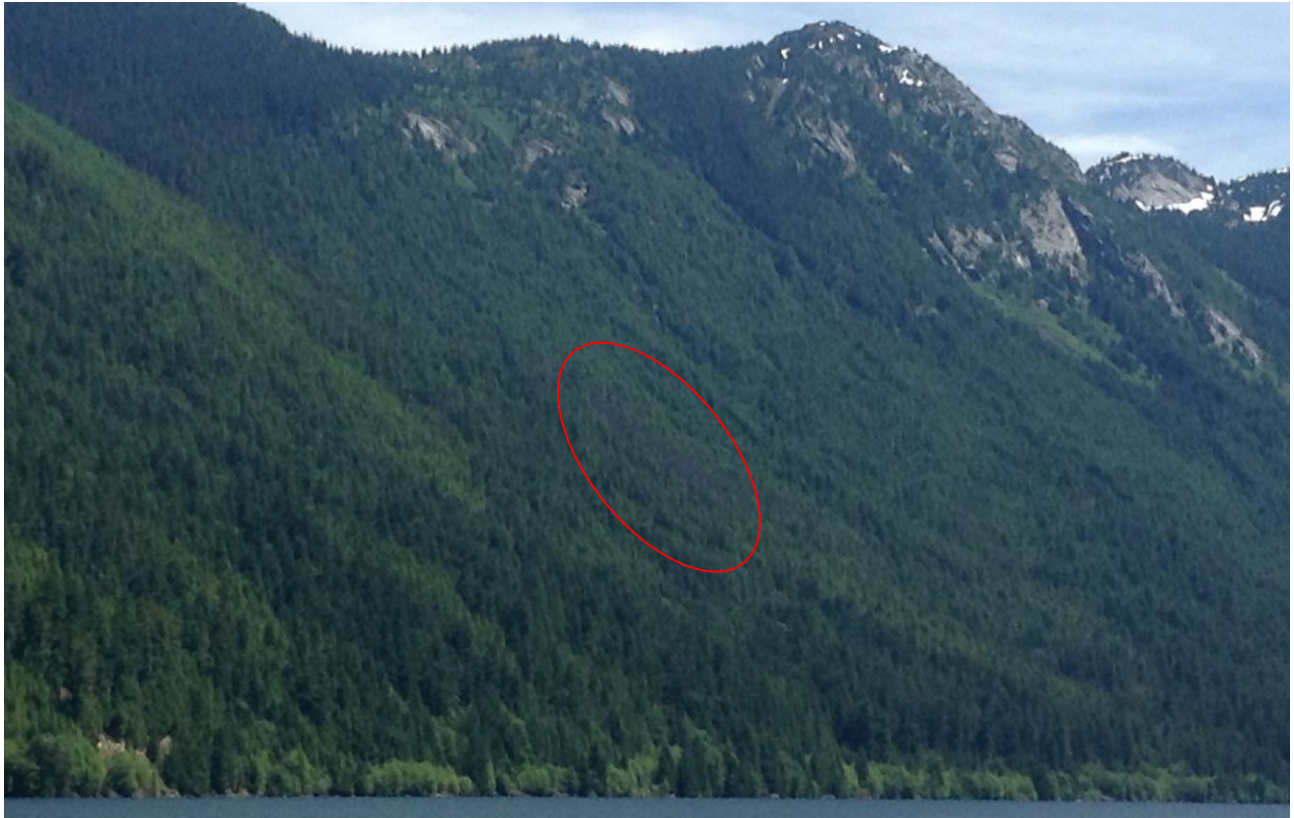
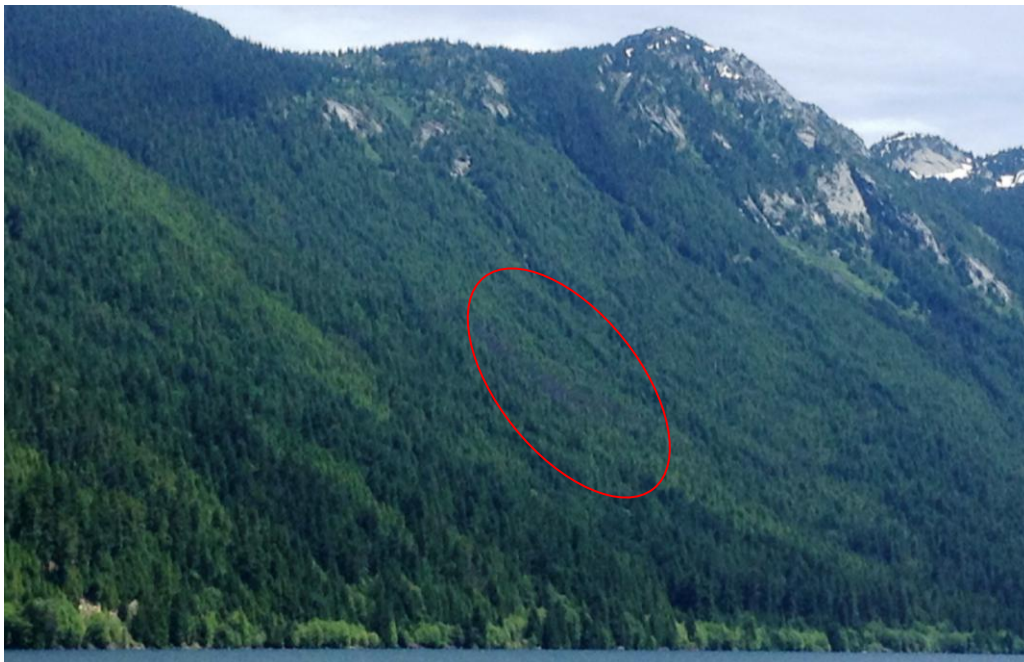






Chilliwack Lake:

Redish tinge to Douglas-fir along slope (does not show up well in the photo below and blends into the rest of the stand –IDW). The bottom image was lightened and shows it a bit more but still not great:



General observations/notes:

Forest tent caterpillar (IDF):

- No larvae were observed. Pavement under deciduous trees with evidence of feeding was scanned for any indication of IDF (i.e., live, dead, squished larvae on pavement, etc).
- Feeding damage observed included large portions of leaves chewed off/devoured. Defoliation did not appear severe with a minimum of 50% of the foliage on most trees intact. Select trees were observed with extensively thinned crowns however this was not common.
- No egg bands were observed on the branches of damaged trees.
- One cocoon was observed and was furry with a yellow colour (looked similar to the photographed western tent caterpillar cocoon).

Western tent caterpillar:

- Tents with larvae were observed on four/five trees along a road immediately adjacent to the west side of Cultus Lake.
- Feeding damage was similar to that observed on birch, alder and cherry where IDF was suspected.
- Not all leaves were fed on and feeding on most leaves included approximately 40% of the leaf devoured. Defoliation did not appear severe. One tree had four tents in it and no more than 50% of the leaves had been damaged.
- One cocoon was found on a leaf and was furry with a yellow colour.

Discoloured maple leaves.

- Select maple trees (usually in groups) along the roadside around Cultus Lake were observed with dark red tissues primarily along the leaf edges. No fruiting bodies were observed on the leaves. It could be a wilt, bacteria causing burn like symptoms or a perhaps it's related to a nutrient?

Defoliation:

- Discoloured douglas-fir was observed along a slope adjacent to Chilliwack Lake. This area was not accessible on foot and was observed from the Lake edge - appeared to be IDW.

Some spot IBD was detected from the Tamihi valley and were marked on our overview maps.