InfoVeg - Bug #2952

Calculation of species cover values in communities

09/08/2007 02:49 PM - Robert Peet

Status:	Closed		**Start date:**	09/08/2007
Priority:	Normal		**Due date:**	
Assignee:	Xianhua Liu		**% Done:**	0%
Category:	atlas		**Estimated time:**	0.00 hour
Target version:	Unspecified		**Spent time:**	0.00 hour
Bugzilla-Id:	2952			

Description

It appears that mean cover reported for a community is the average of all the cover class values.

Changes, id needed:

1) Calculate cover only based on the plots in which the species is present -- do not include plots where not present. I think this is already the way it is done so probably no change is needed.

2) To calculate the mean, convert the cover values to the midpoints of their ranges and then average the midpoints and convert back to a coverclass (an integer value, not a decimal value).

The values to use for this calculation are as follows
1 = 0 - <0.1%
2 = .1 - <1%
3 = 1 - <2
4 = 2 - <5
5 = 5 - <10
6 = 10 - <25
7 = 25 - <50
8 = 50 - <75
9 = 75 - <95
10= 95 - 100

History

#1 - 09/16/2007 10:32 AM - xianhua liu

fixed

#2 - 09/16/2007 01:28 PM - Robert Peet

fixed

#3 - 03/27/2013 02:21 PM - Redmine Admin

Original Bugzilla ID was 2952