

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