

Report for file Ecology123.csv



BioScore

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We acknowledge the Traditional Owners and Custodians of the lands on which we live and work and pay our respects to Indigenous past and present. We acknowledge sovereignty has never been ceded. It always was and always will be Aboriginal land. BioScore was established in Canaipa, Quandamooka country.

Abbreviations & Definitions

Table 1: List of abbreviations and definitions within this report

Benchmark	A description of a RE that represents the median or average characteristics of a mature and relatively undisturbed ecosystem of the same type.
BioCondition	<i>Eyre, T.J., Kelly, A.L, Neldner, V.J., Wilson, B.A., Ferguson, D.J., Laidlaw, M.J. and Franks, A.J. (2015). BioCondition: A Condition Assessment Framework for Terrestrial Biodiversity in Queensland. Assessment Manual. Version 2.2. Queensland Herbarium, Department of Science, Information Technology, Innovation and Arts, Brisbane.</i>
Biodiversity Offset Act	Queensland Biodiversity Offset Act 2014
Biosecurity Act	Queensland Biosecurity Act 2014.
BioScore	BioScore Pty Ltd
R.E	Regional Ecosystem
Raw Data	Refers to unprocessed data that has not been organised or analysed. It is the original data collected from sources converted to a CSV file.

Introduction

BioCondition is a standardised tool used to assess the condition of terrestrial ecosystems, focusing on their biodiversity values. It uses a numeric condition rating system (1 to 4), where 1 represents a dysfunctional state and 4 indicates a fully functional ecosystem. The condition of vegetation is compared against **Regional Ecosystem (R.E.) benchmarks**—reference points that represent the natural, unmodified state of an ecosystem, based on its regional classification and the best available data.

BioCondition benchmarks have been developed from information published by the State of Queensland and remain the property of the State of Queensland. BioCondition benchmarks are not to be included on internet sites other than the Queensland Government website [Queensland Herbarium 2025 BioCondition benchmarks for Regional Ecosystems, May](#) (Department of Science, Information Technology and Innovation: Brisbane). * Date shown in footnote of individual descriptions. While every effort has been made to ensure the information presented is as reliable as possible, the State of Queensland accepts no liability and gives no assurance in respect of its accuracy and shall not be liable for any loss or damage arising from its use. BioCondition benchmarks are based on a combination of quantitative and qualitative information and should be used as a guide only. BioCondition benchmarks are subject to review and are updated as additional data becomes available. For more information, contact: Queensland Herbarium, DSITI Brisbane Botanic Gardens (Mt Coot-tha), Mt Coot-tha Road, Toowong QLD 4066

The [Benchmarks \(version 3.5\) \(XLSX, 128 KB\)](#) have been developed to be used with the [BioCondition](#) vegetation condition assessment framework and are available to download in Excel spreadsheet format in [BioCondition benchmarks | Environment, land and water | Queensland Government](#).

Methods

The BioCondition Assessment (Eyre et al. 2015) was the only document used to determine the BioCondition score. The assessment of site-based and landscape attributes for deriving the final BioCondition score was provided by the **client**. BioScore assumes that the data were collected under the same framework described in Eyre et al. 2015 (The BioCondition Assessment Framework).

Errors in the CSV are the responsibility of the **client** to correct. BioScore will work with **clients** to assist in the correction by identifying any issues. Corrupted data are flagged by the BioScore Calculator including characters in numeric fields and invalid **R.E.**'s. The Calculator is capable of assigning an **R.E.** to a plot without modifying the raw data. Any plot-specific landscape attributes can be assigned on a per-plot basis.

The CSV is uploaded to the BioScore server for processing. The BioScore Calculator receives the BioCondition Score data from the server with any issues flagged. Once any issues are resolved the report is generated.

The radar charts in the report provide a visual representation of the individual attribute scores. Over time the area drawn will change reflecting the changes in the individual scores. The maximum scores for each attribute are plotted providing the area within which the calculated scores are drawn.

BioCondition Summary

Results for Ecology123.csv

Plot ID	BioCondition Score
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RE 11.11.15

BC01	60.309
BC03	53.608
BC04	68.041
BC18	63.918

RE 11.11.15 Average	61.4690
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RE 11.12.1

BC05	65.464
BC07	65.464

RE 11.12.1 Average	65.4640
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RE 11.3.4

BC16	71.649
BC17	73.196

Results for Ecology123.csv

Plot ID	BioCondition Score
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RE 11.3.4

RE 11.3.4 Average	72.4230
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RE 11.8.5

BC06	76.804
BC08	69.072
BC09	62.887

RE 11.8.5 Average	69.5880
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RE 11.9.9

BC02	75.773
BC10	70.103
BC11	74.742
BC12	59.794
BC13	46.392
BC19	59.278
BC20	74.227

RE 11.9.9 Average	65.7580
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Average BioCondition Score	66.1510
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BioCondition Score

Results for Ecology123.csv

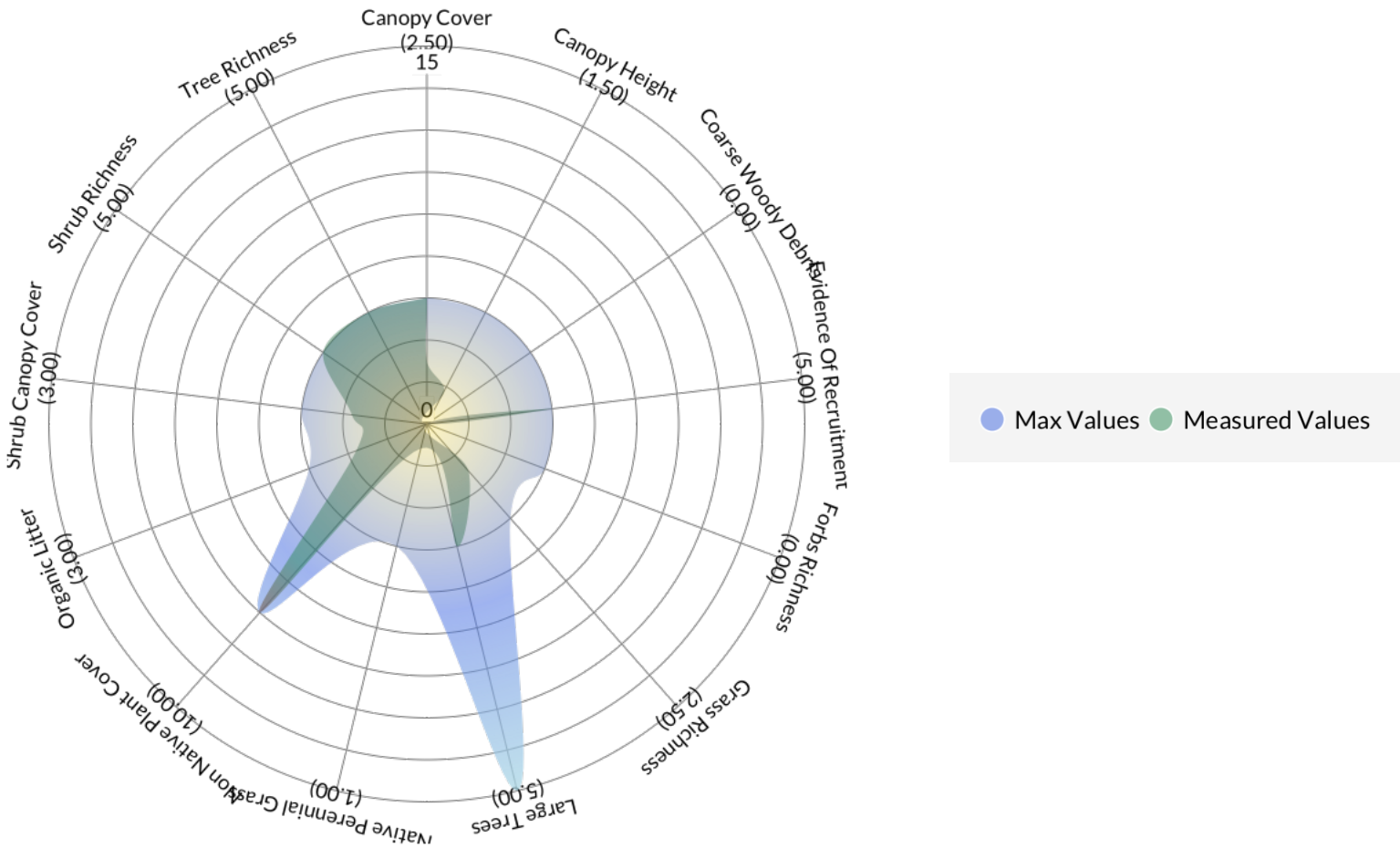
Plot ID

BioCondition Score

RE 11.11.15

BC01

60.309



Results for Ecology123.csv

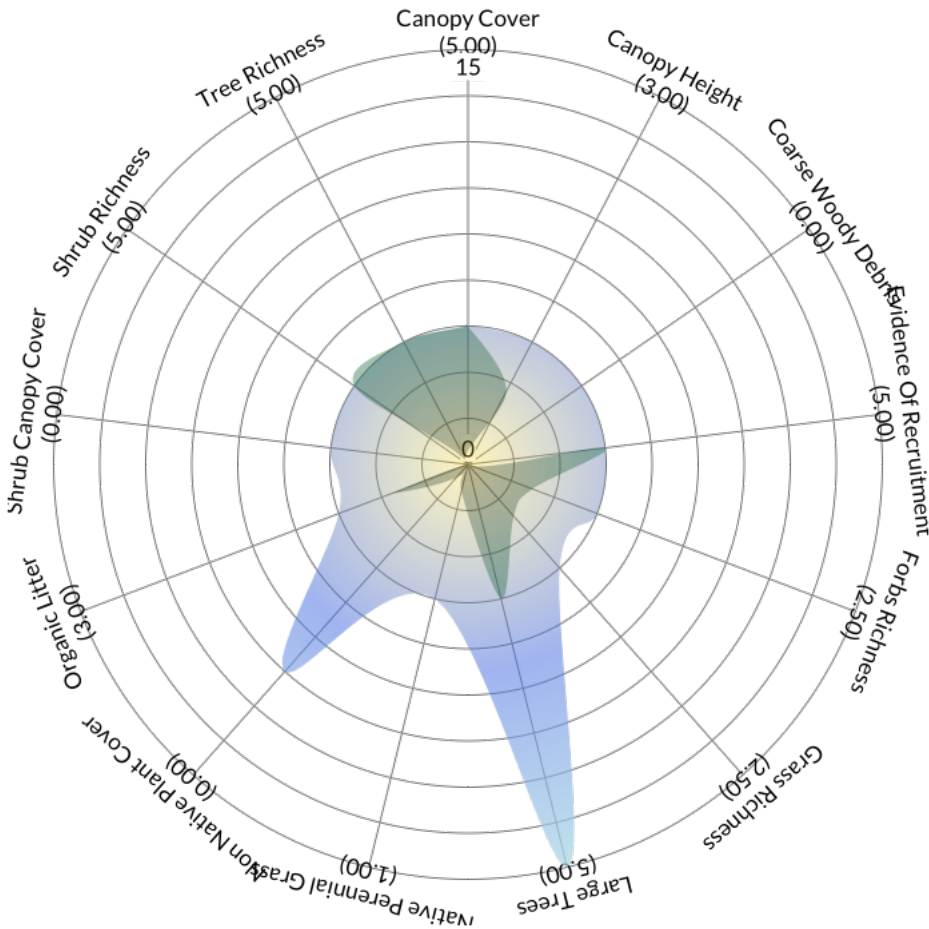
Plot ID

BioCondition Score

RE 11.11.15

BC03

53.608



● Max Values ● Measured Values

Results for Ecology123.csv

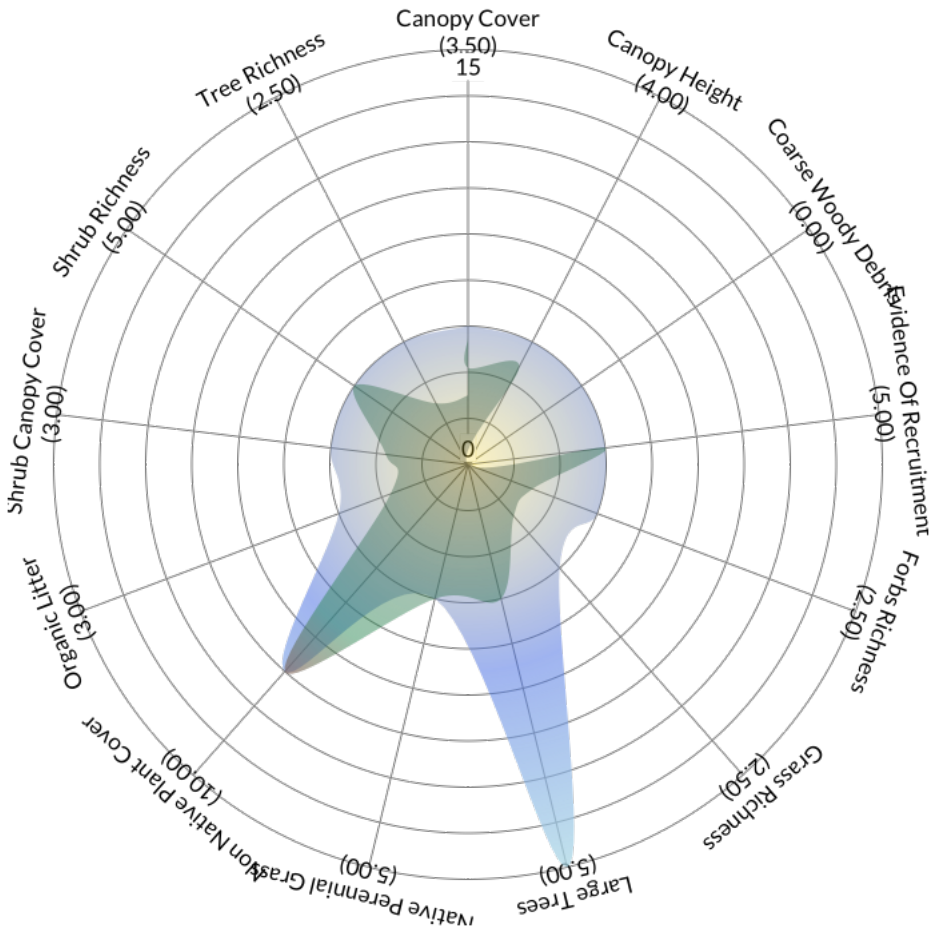
Plot ID

BioCondition Score

RE 11.11.15

BC04

68.041



● Max Values ● Measured Values

Results for Ecology123.csv

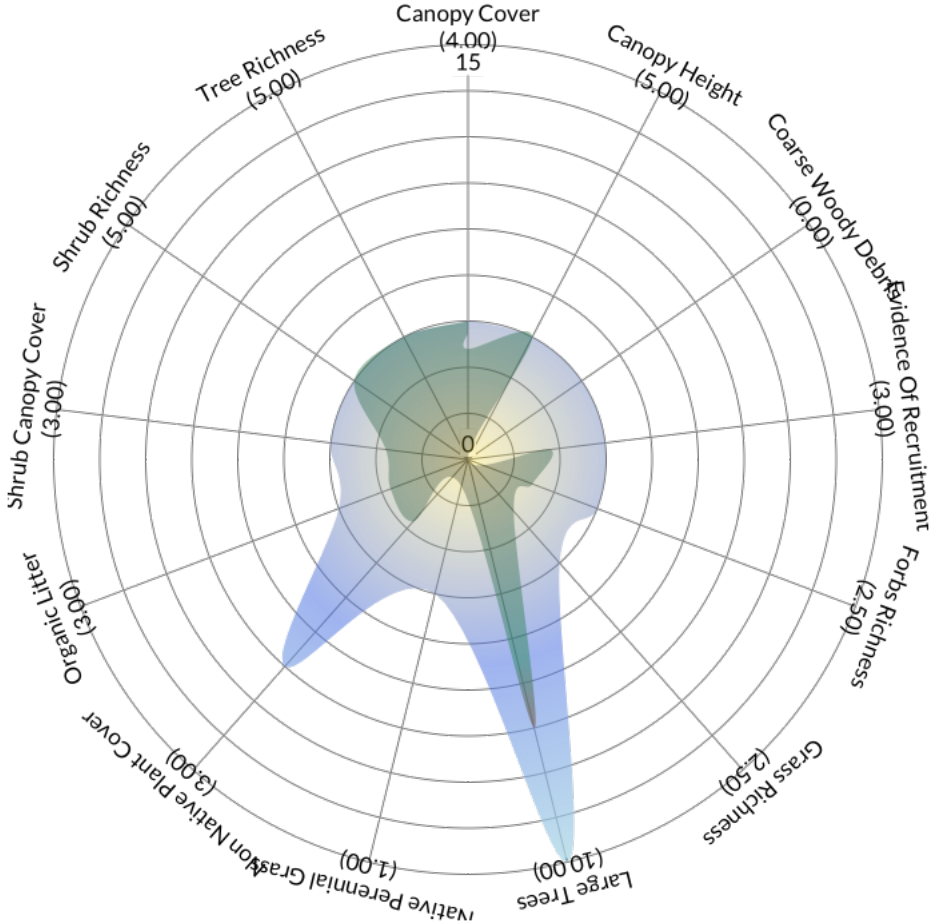
Plot ID

BioCondition Score

RE 11.11.15

BC18

63.918



● Max Values ● Measured Values

Results for Ecology123.csv

Plot ID

BioCondition Score

RE 11.11.15

RE 11.11.15 Average

61.4690

Results for Ecology123.csv

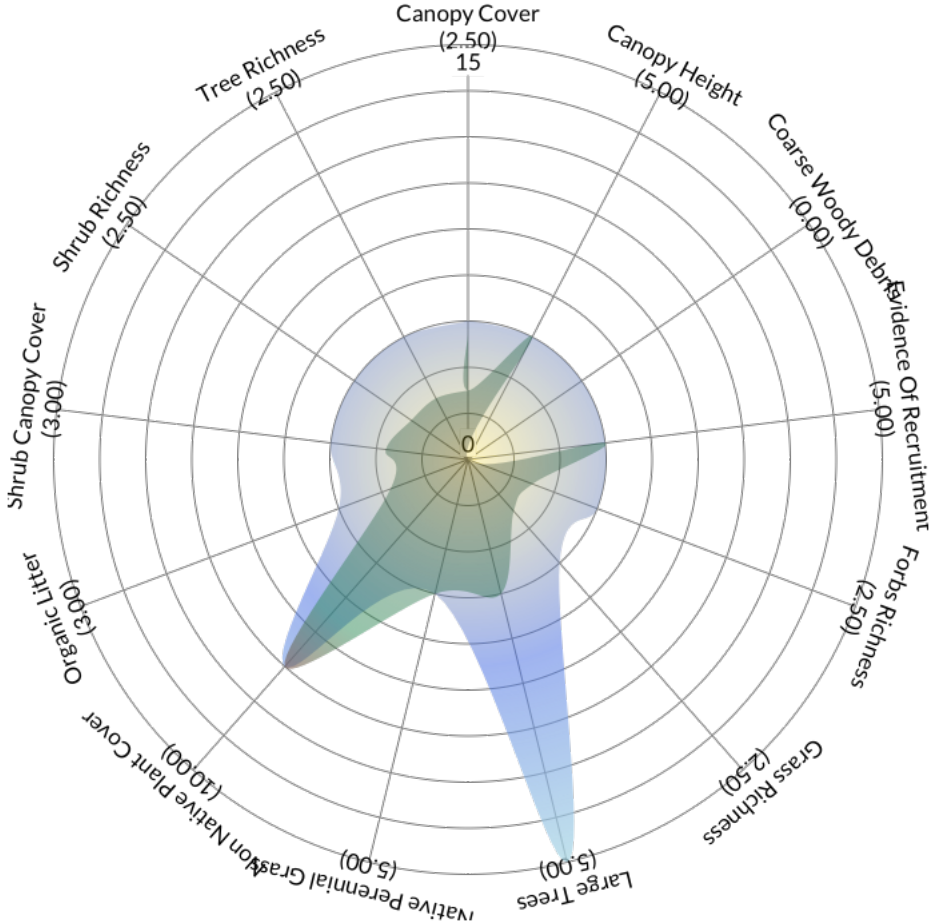
Plot ID

BioCondition Score

RE 11.12.1

BC05

65.464



Results for Ecology123.csv

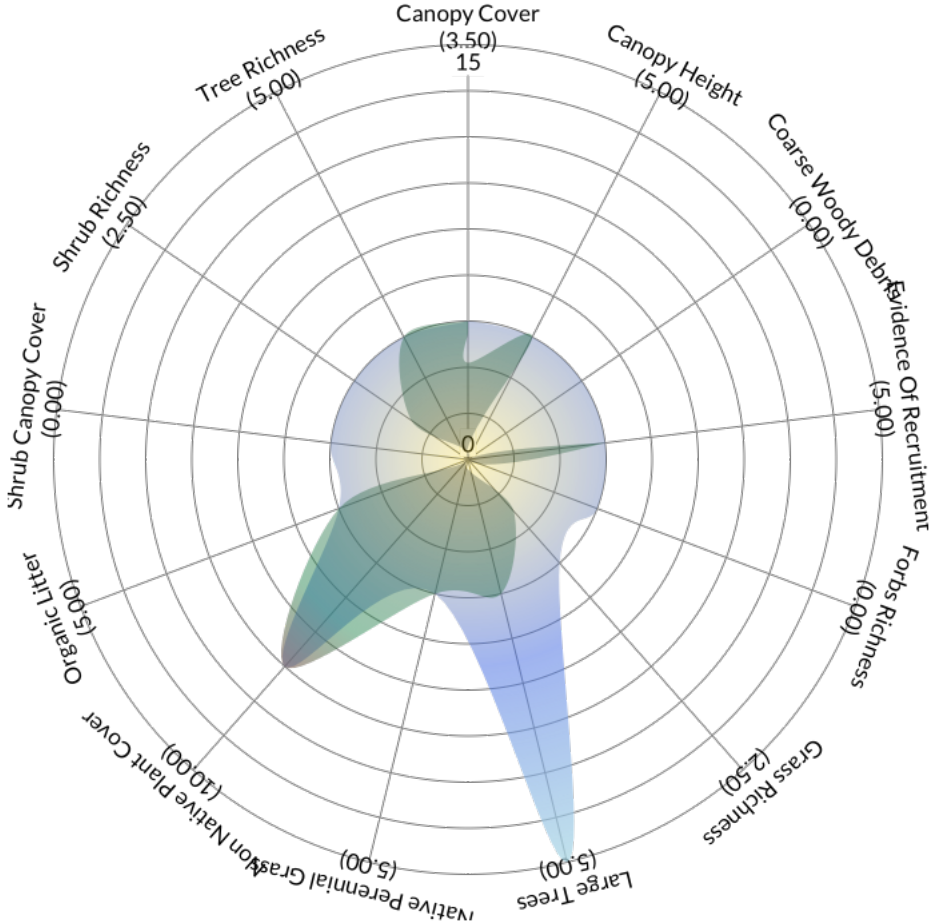
Plot ID

BioCondition Score

RE 11.12.1

BC07

65.464



● Max Values ● Measured Values

Results for Ecology123.csv

Plot ID

BioCondition Score

RE 11.12.1

RE 11.12.1 Average

65.4640

Results for Ecology123.csv

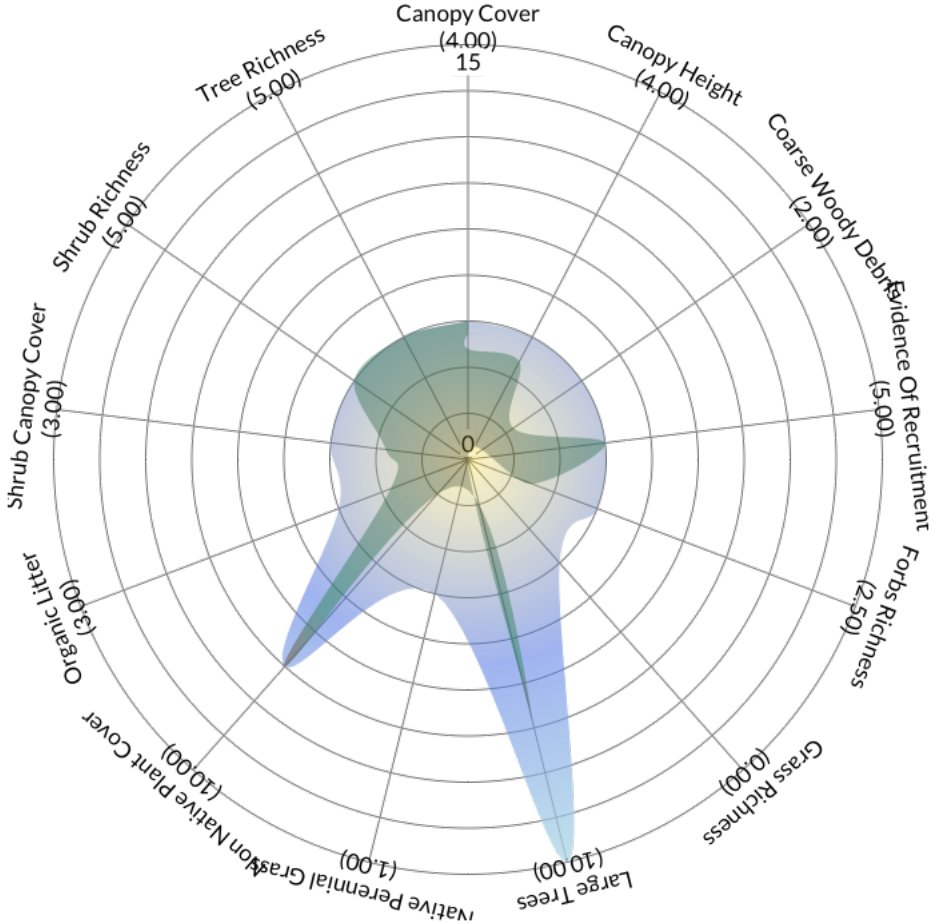
Plot ID

BioCondition Score

RE 11.3.4

BC16

71.649



Max Values Measured Values

Results for Ecology123.csv

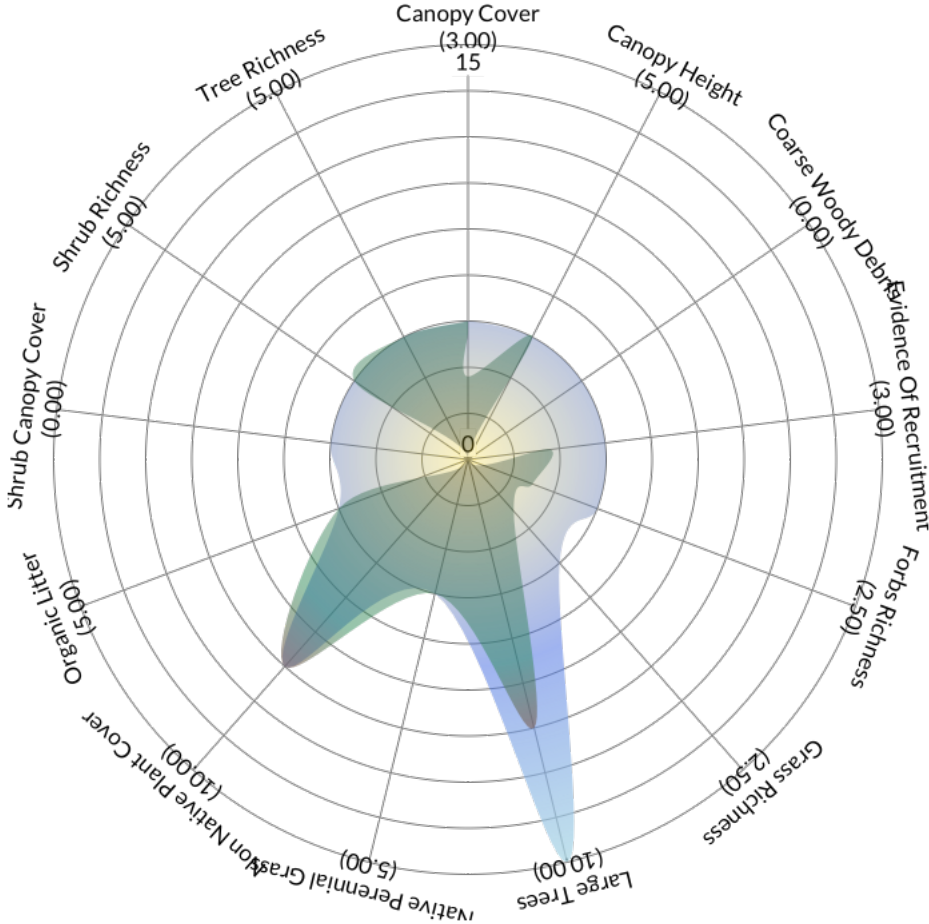
Plot ID

BioCondition Score

RE 11.3.4

BC17

73.196



● Max Values ● Measured Values

Results for Ecology123.csv

Plot ID

BioCondition Score

RE 11.3.4

RE 11.3.4 Average

72.4230

Results for Ecology123.csv

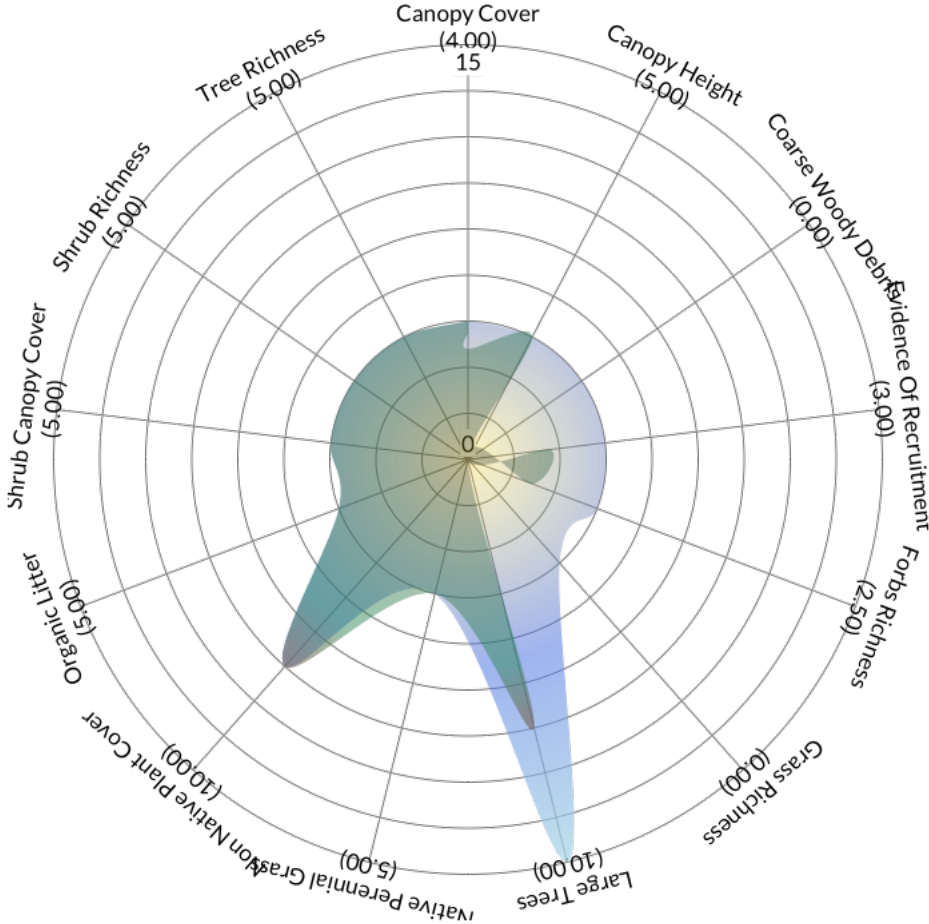
Plot ID

BioCondition Score

RE 11.8.5

BC06

76.804



● Max Values ● Measured Values

Results for Ecology123.csv

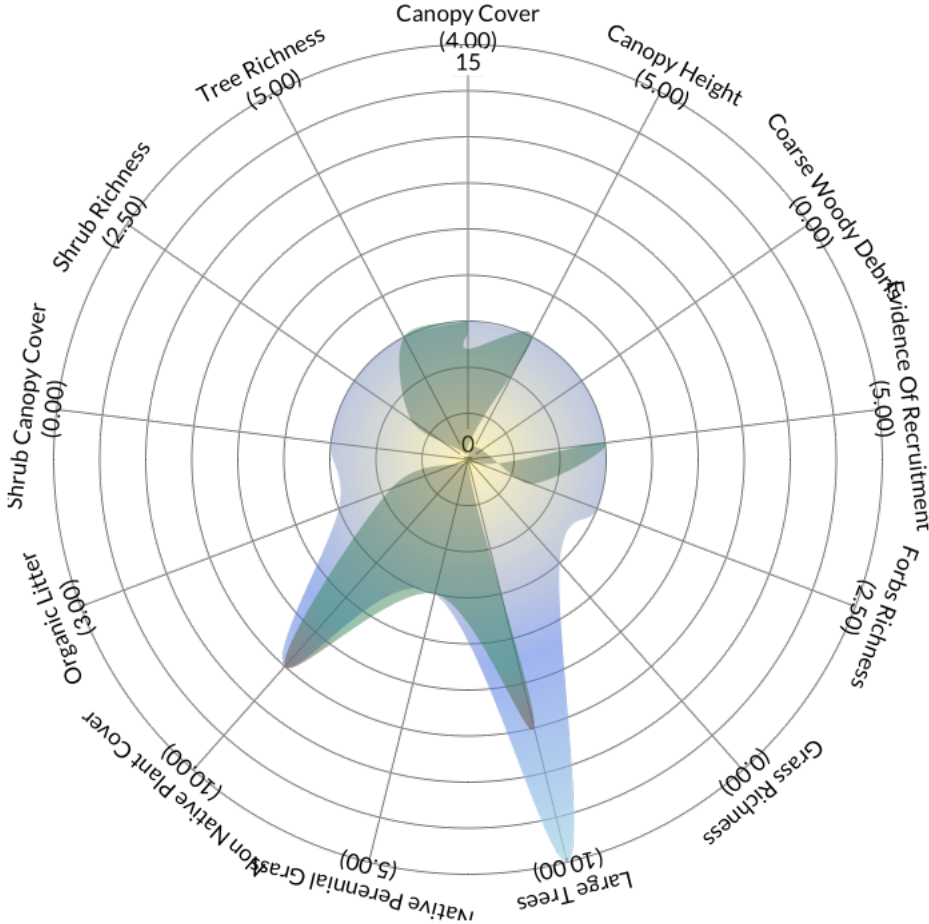
Plot ID

BioCondition Score

RE 11.8.5

BC08

69.072



● Max Values ● Measured Values

Results for Ecology123.csv

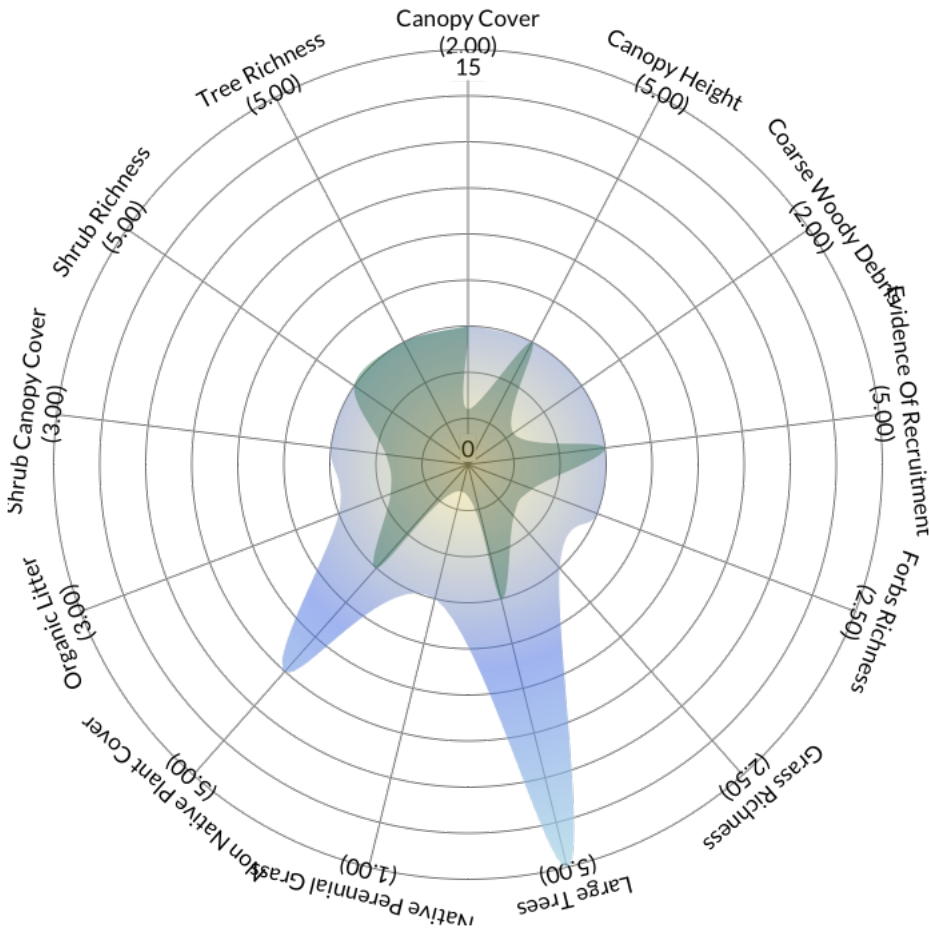
Plot ID

BioCondition Score

RE 11.8.5

BC09

62.887



● Max Values ● Measured Values

Results for Ecology123.csv

Plot ID

BioCondition Score

RE 11.8.5

RE 11.8.5 Average

69.5880

Results for Ecology123.csv

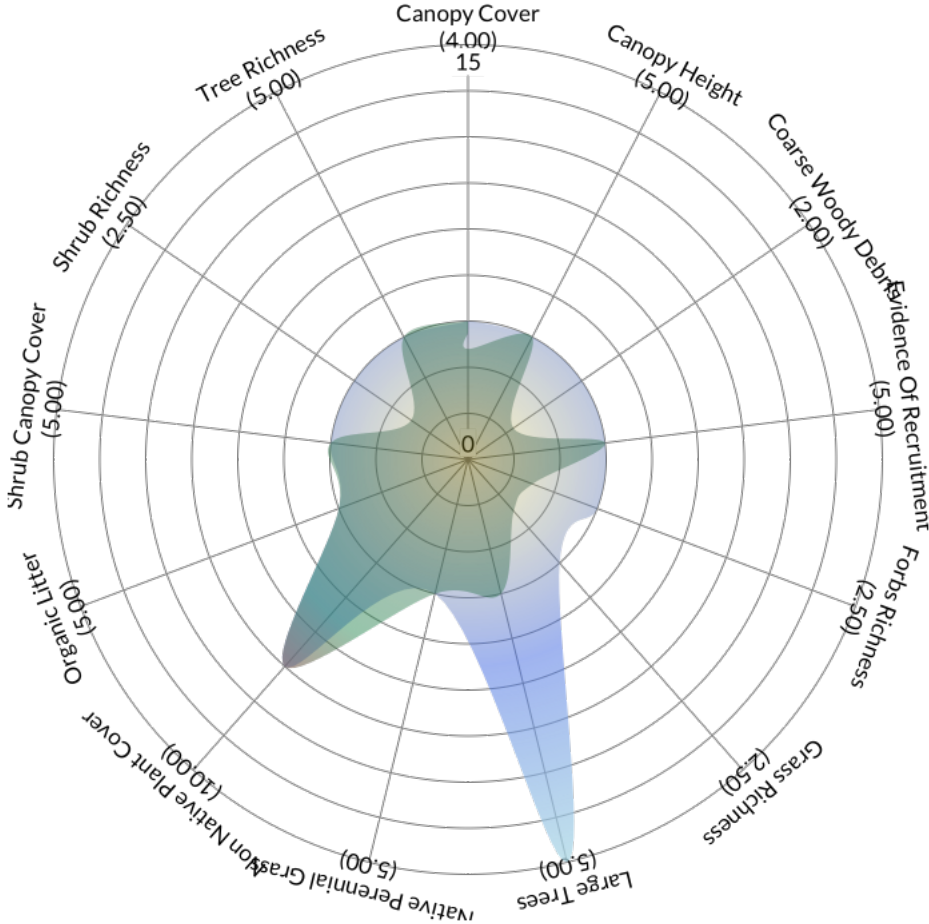
Plot ID

BioCondition Score

RE 11.9.9

BC02

75.773



Max Values Measured Values

Results for Ecology123.csv

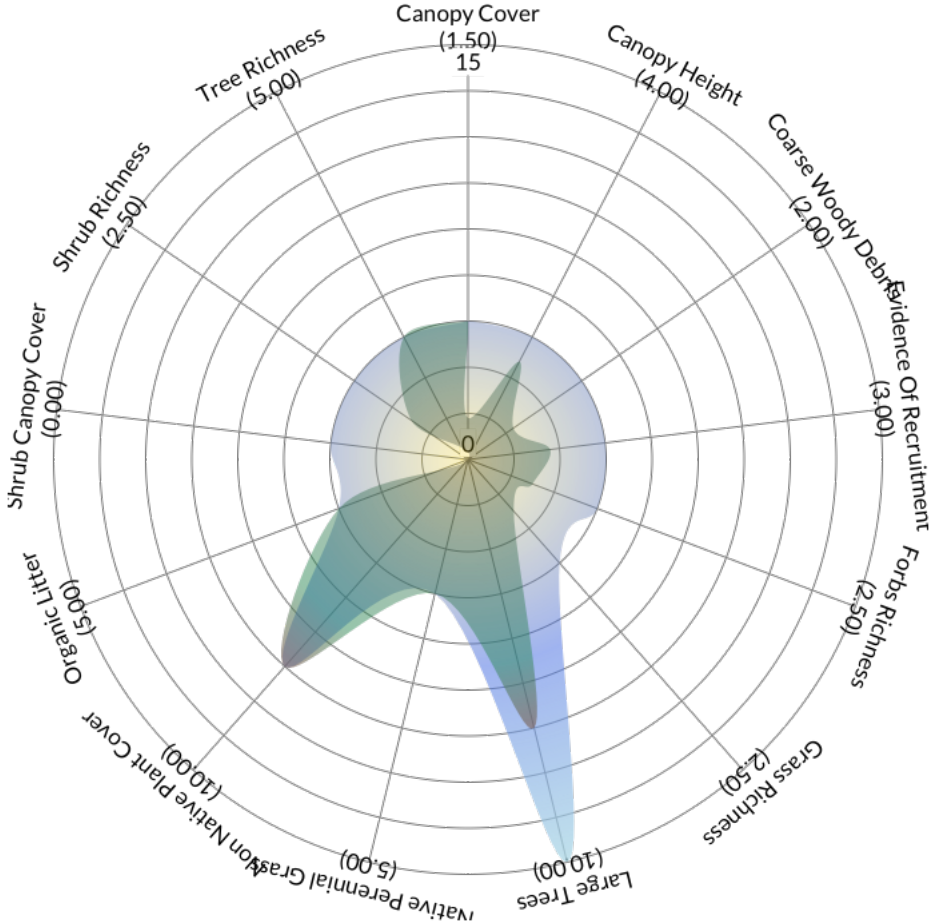
Plot ID

BioCondition Score

RE 11.9.9

BC10

70.103



Max Values Measured Values

Results for Ecology123.csv

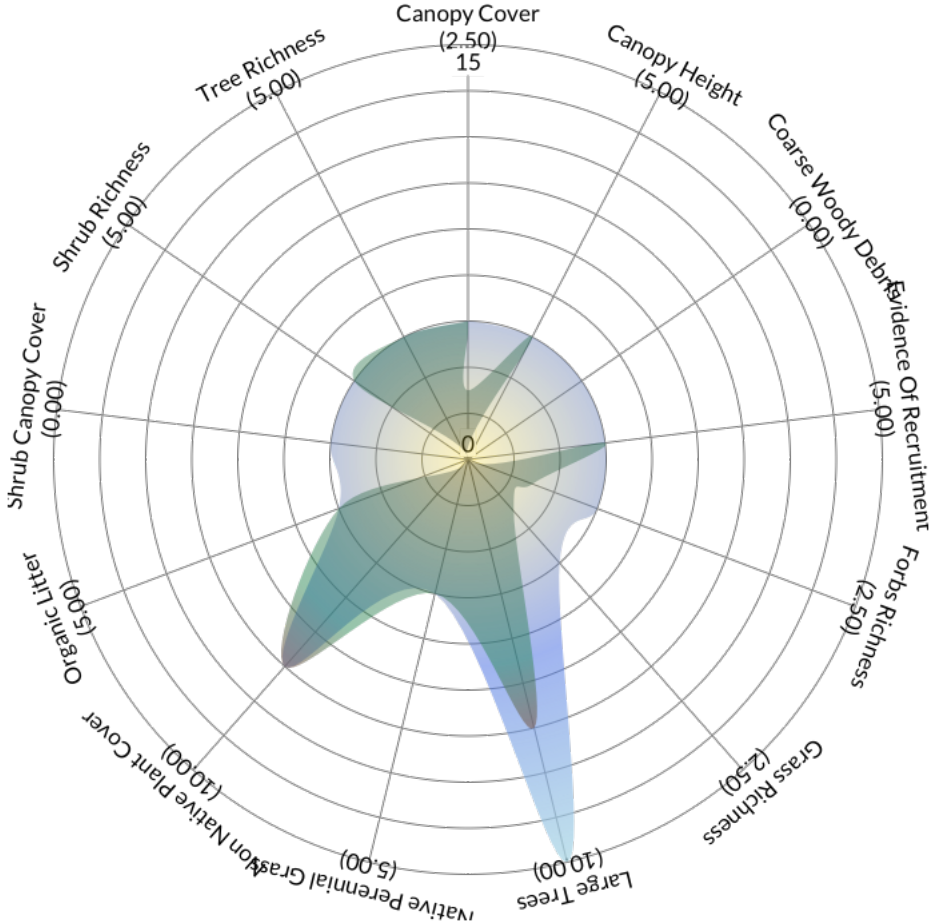
Plot ID

BioCondition Score

RE 11.9.9

BC11

74.742



Max Values Measured Values

Results for Ecology123.csv

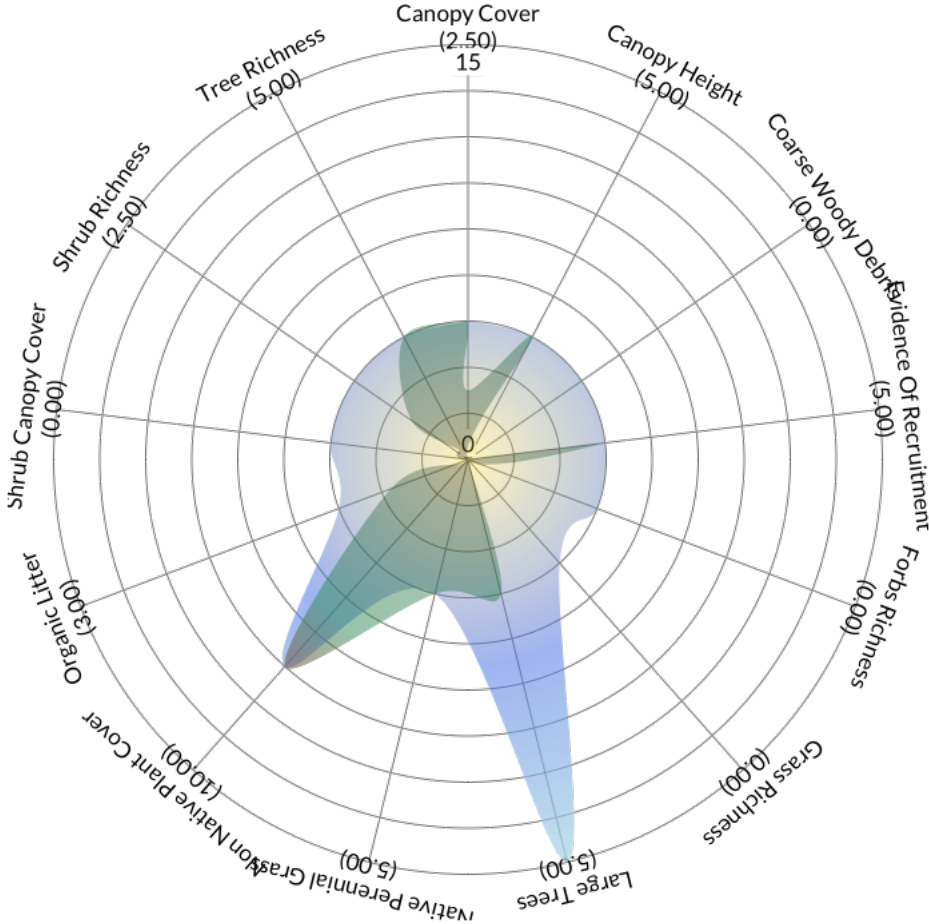
Plot ID

BioCondition Score

RE 11.9.9

BC12

59.794



● Max Values ● Measured Values

Results for Ecology123.csv

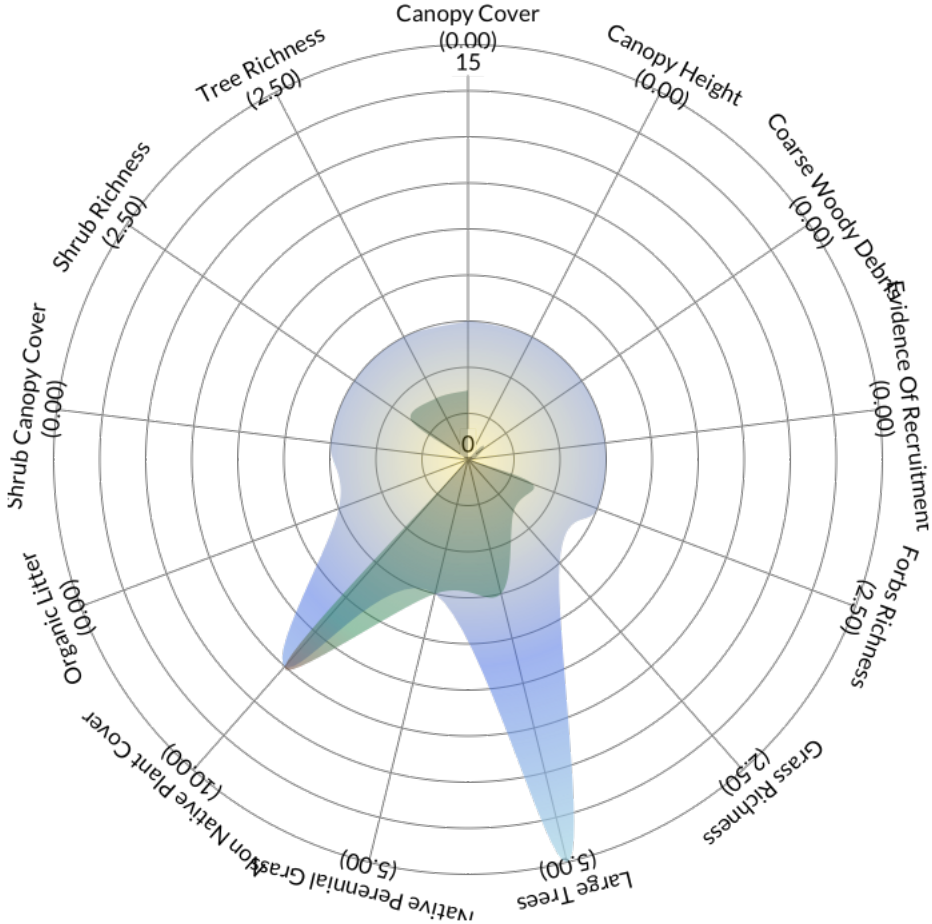
Plot ID

BioCondition Score

RE 11.9.9

BC13

46.392



Max Values Measured Values

Results for Ecology123.csv

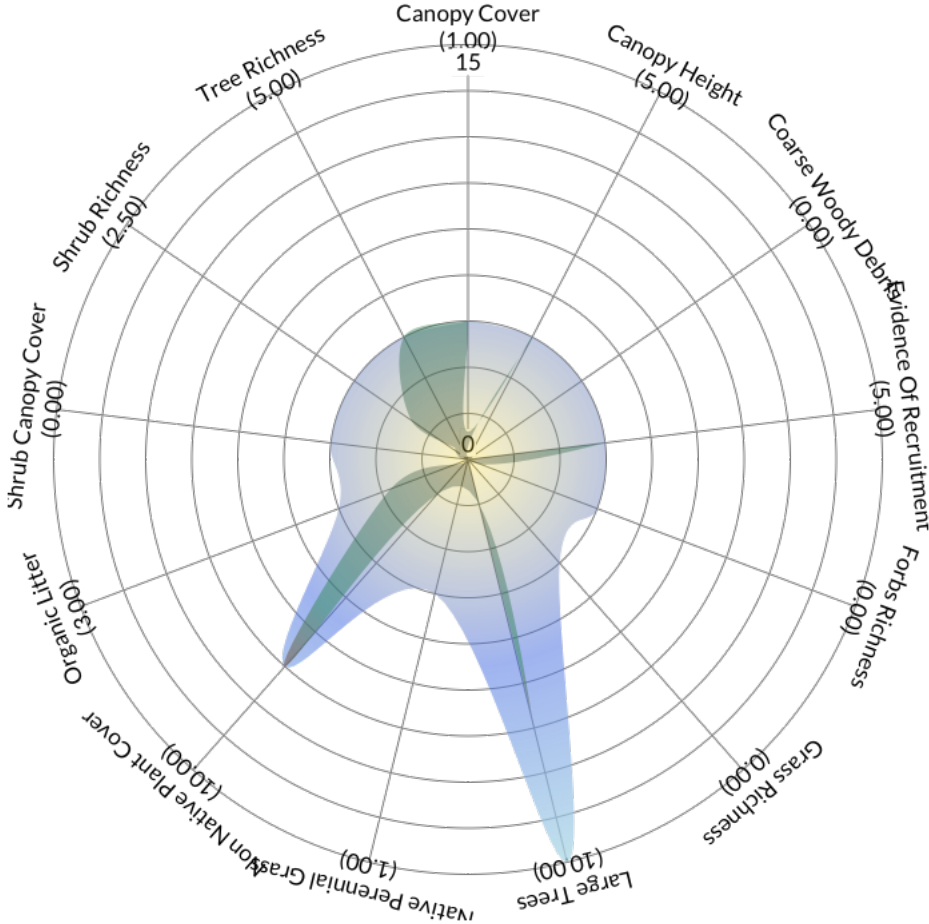
Plot ID

BioCondition Score

RE 11.9.9

BC19

59.278



Max Values Measured Values

Results for Ecology123.csv

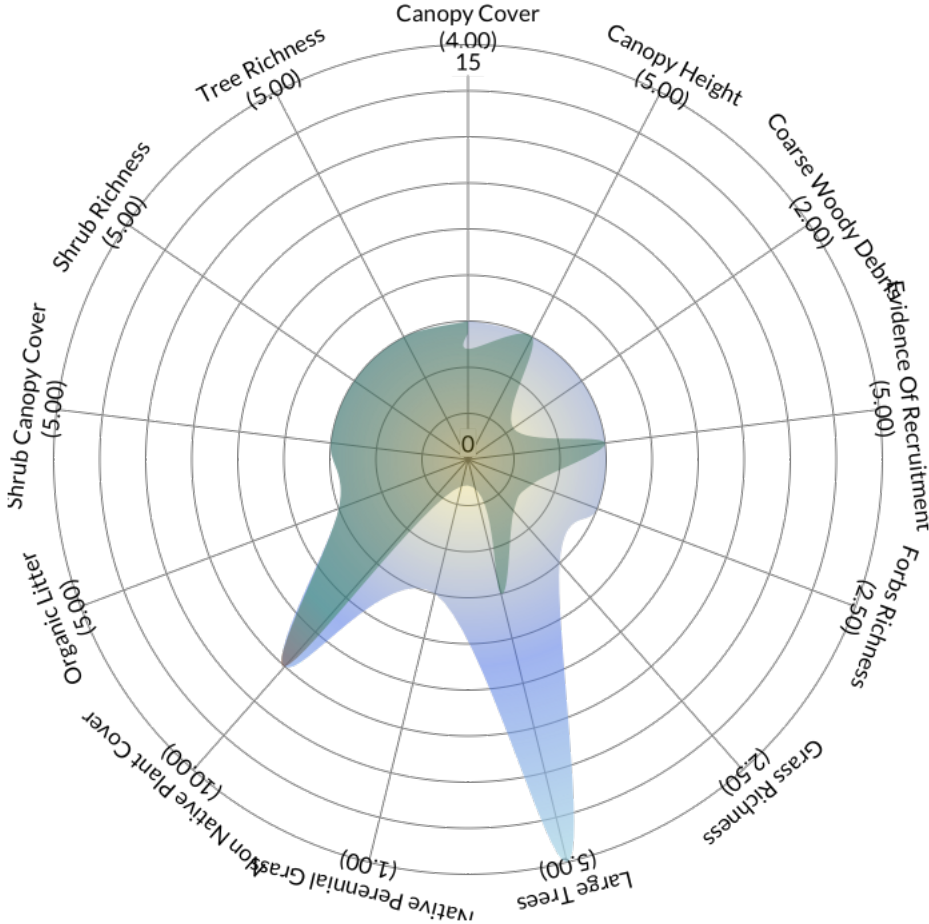
Plot ID

BioCondition Score

RE 11.9.9

BC20

74.227



● Max Values ● Measured Values

Results for Ecology123.csv

Plot ID

BioCondition Score

RE 11.9.9

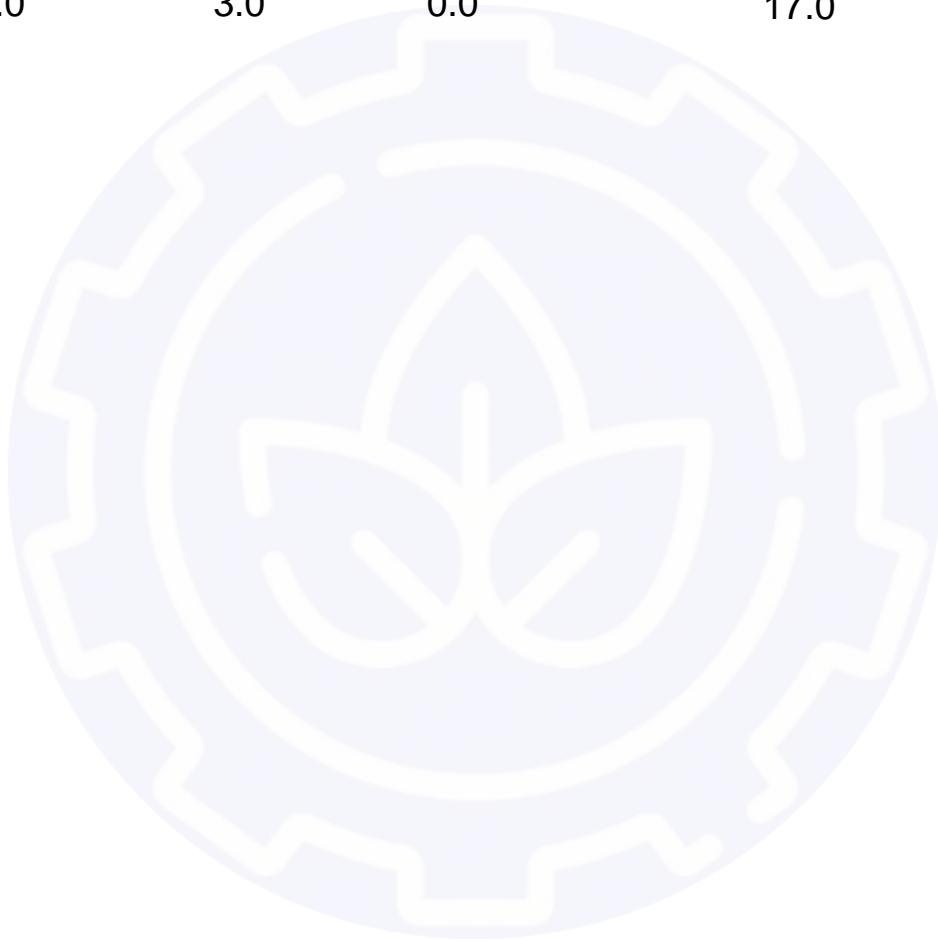
RE 11.9.9 Average

65.7580

Average BioCondition Score 66.1510

Parameters

Patch Size	Connectivity	Context	Distance to Water	Max Land	Max Excl Land
8.0	4.0	3.0	0.0	17.0	80.0



References

Eyre, T.J., Kelly, A.L, Neldner, V.J., Wilson, B.A., Ferguson, D.J., Laidlaw, M.J. and Franks, A.J. (2015). BioCondition: A Condition Assessment Framework for Terrestrial Biodiversity in Queensland. Assessment Manual. Version 2.2. Queensland Herbarium, Department of Science, Information Technology, Innovation and Arts, Brisbane.



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