

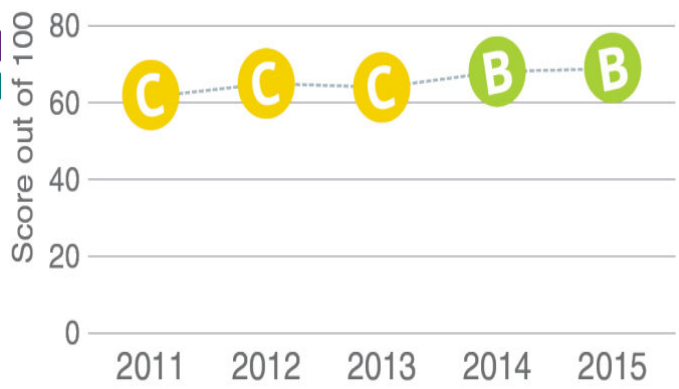
Report Card Highlights

Nathan Johnston

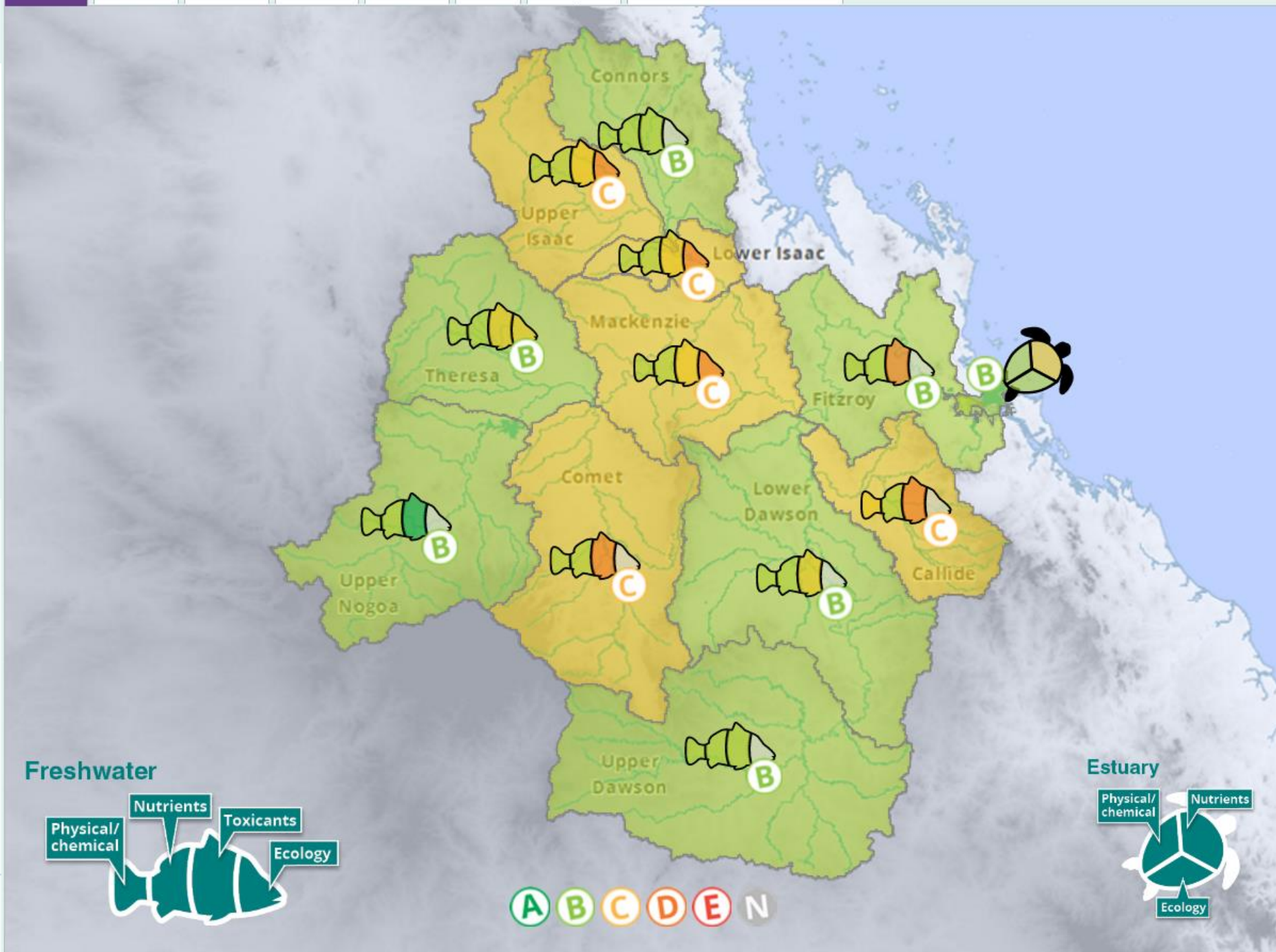
Executive Officer, FPRH



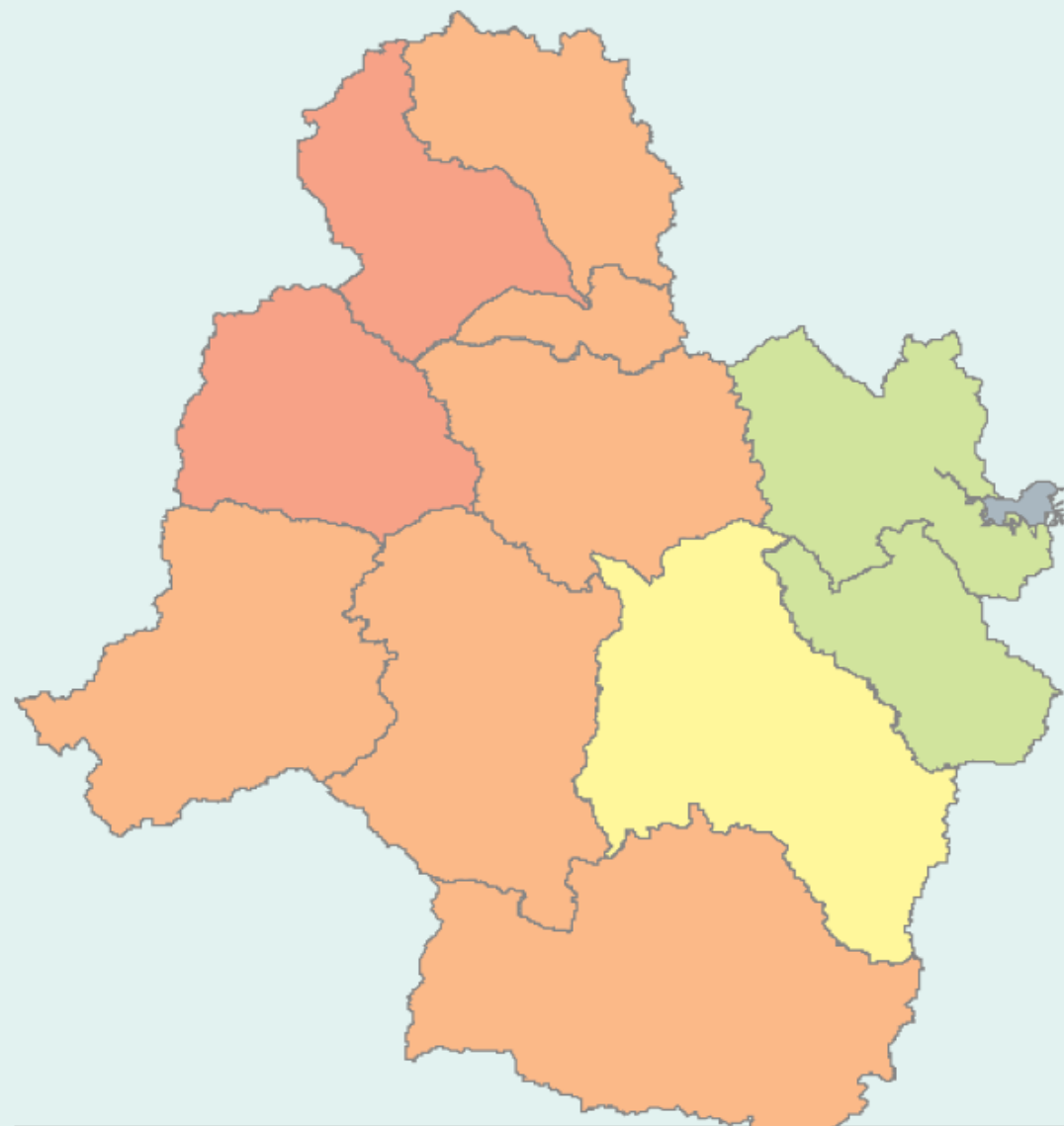
Overall Trend: Ecosystem Health



Barramundi Recruitment drives Estuary improvement

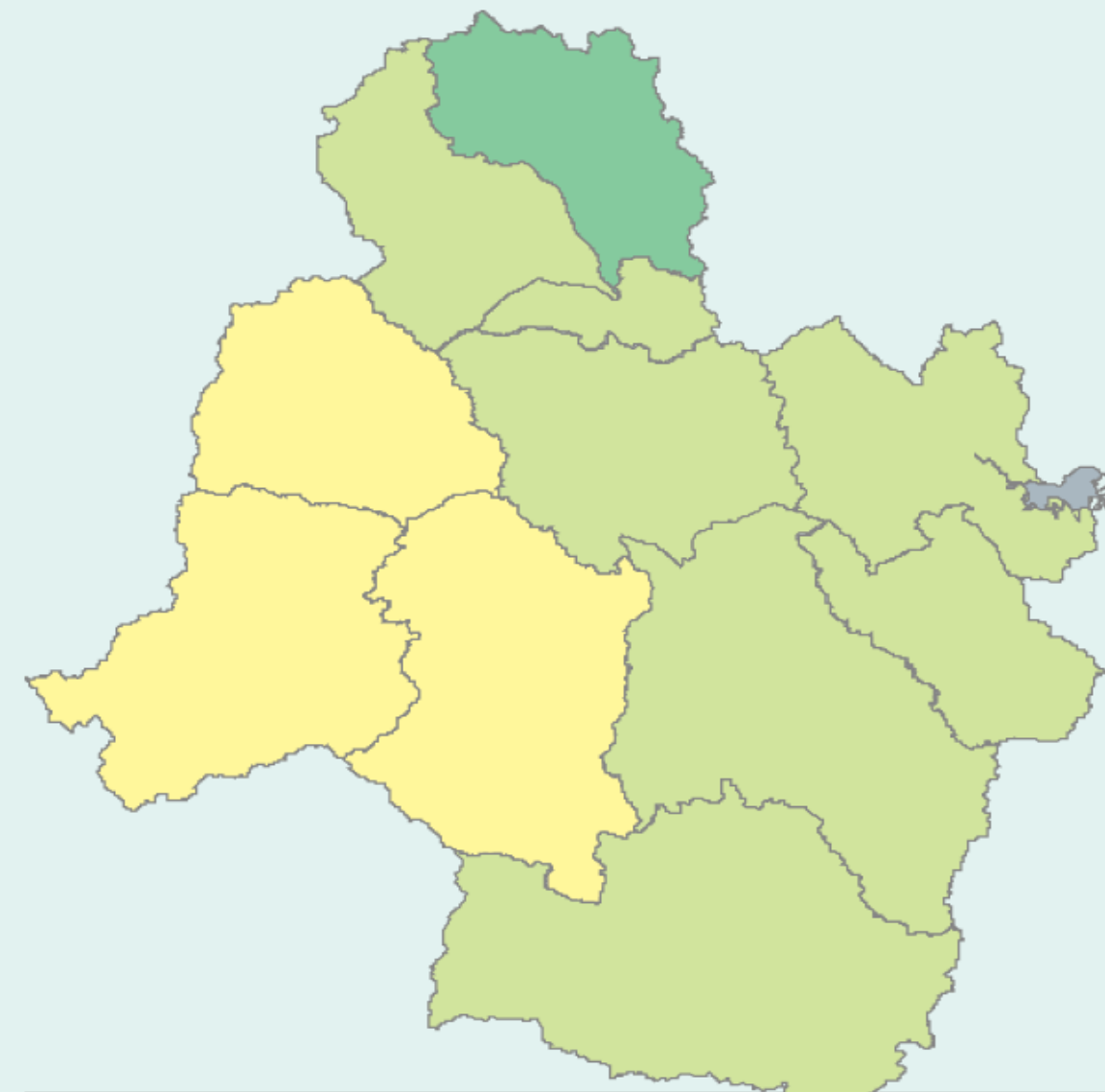


2014-15 2013-14 2012-13 2011-12 2010-11 Trend
Long-term

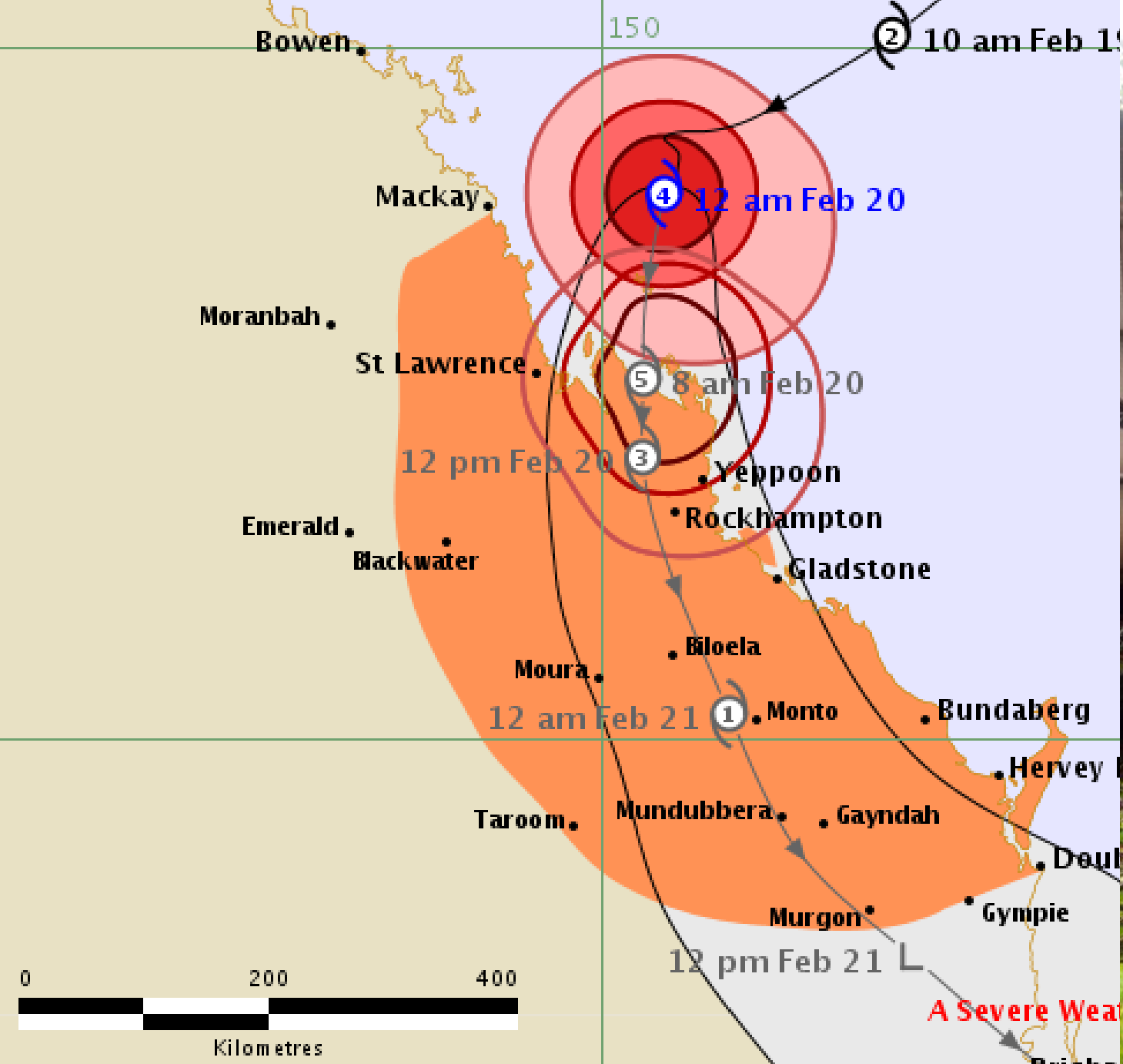


Under 600 mm 600-700 mm 700-800 mm 800-1000 mm Over 1000 mm

2014-15 2013-14 2012-13 2011-12 2010-11 Trend
Long Term Test

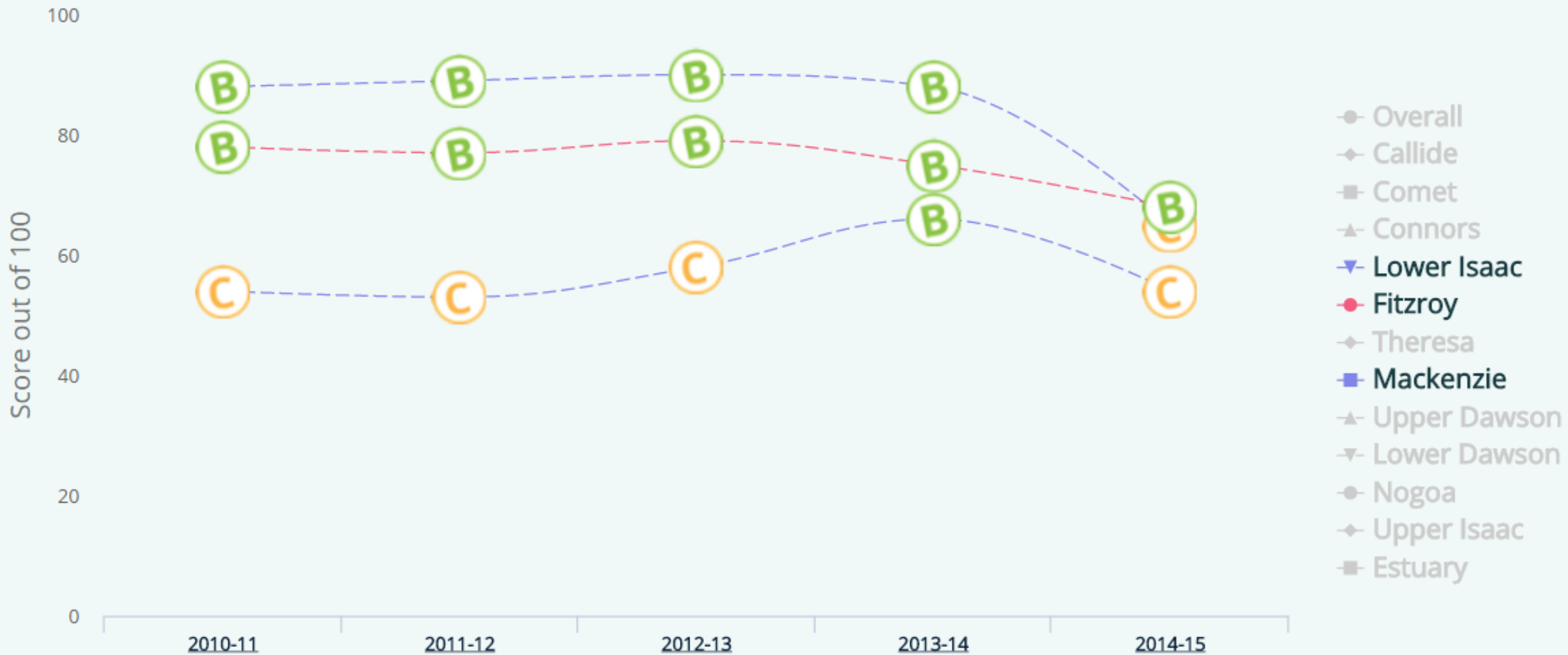


Under 55 % 55-65 % 65-75 % 75-85 % Over 85 %



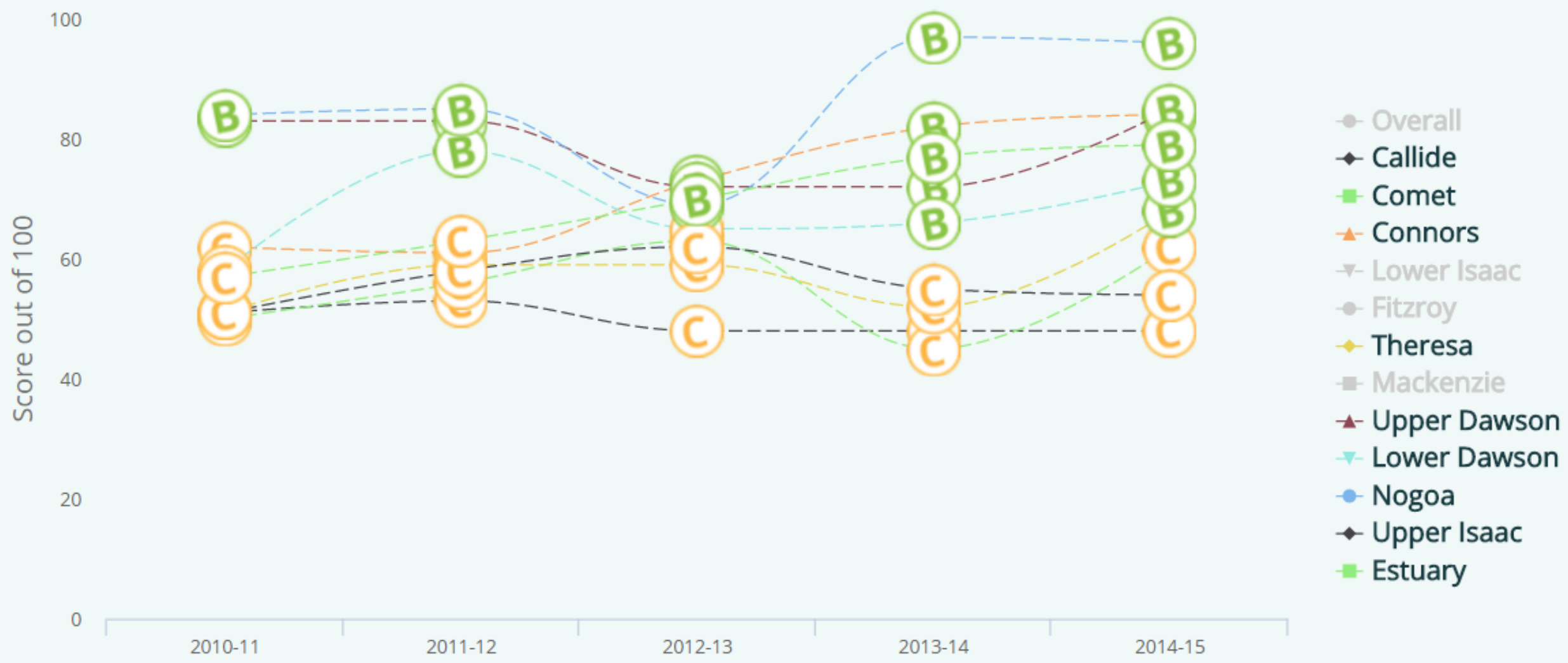
Trends

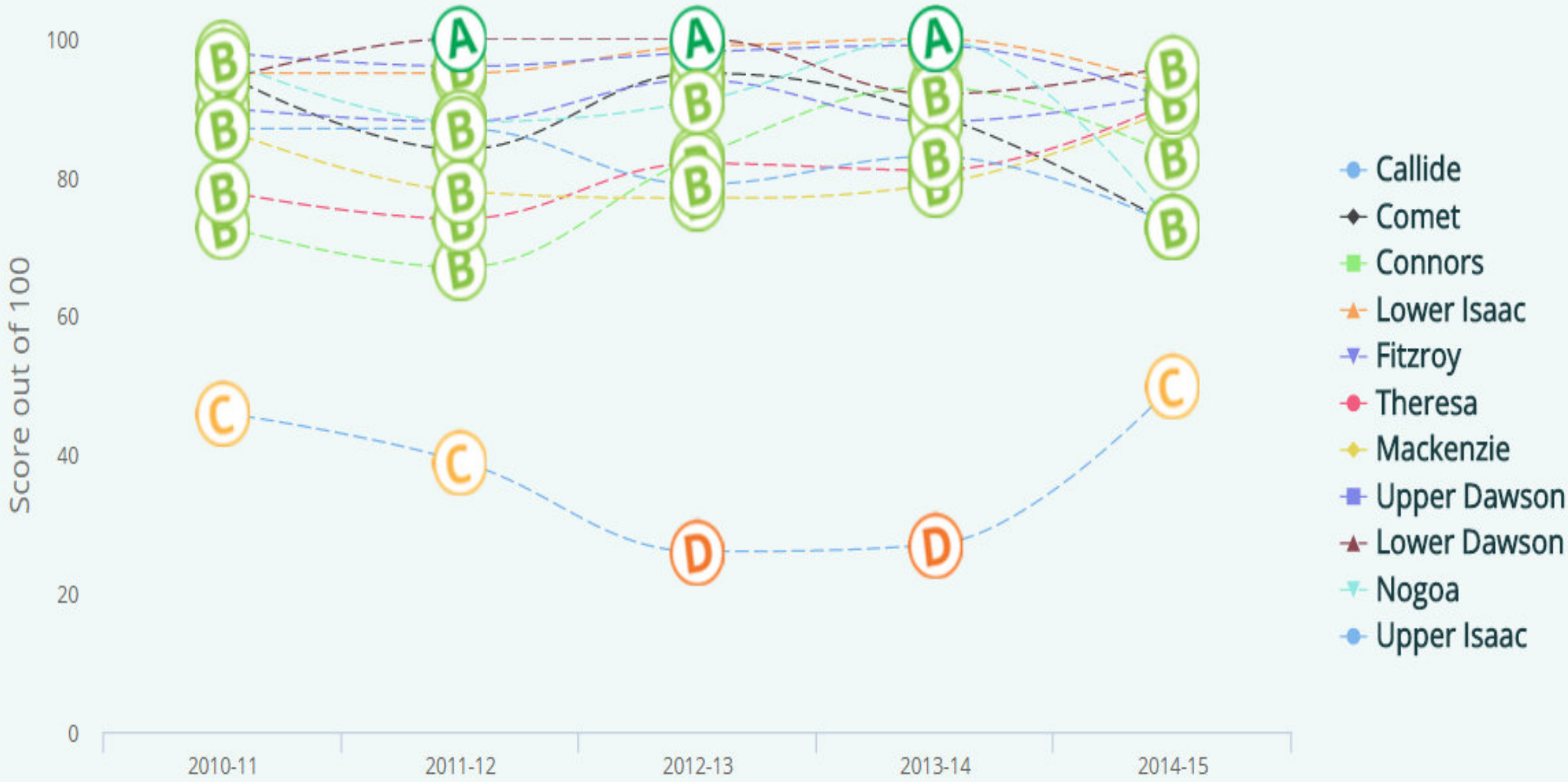
Trends



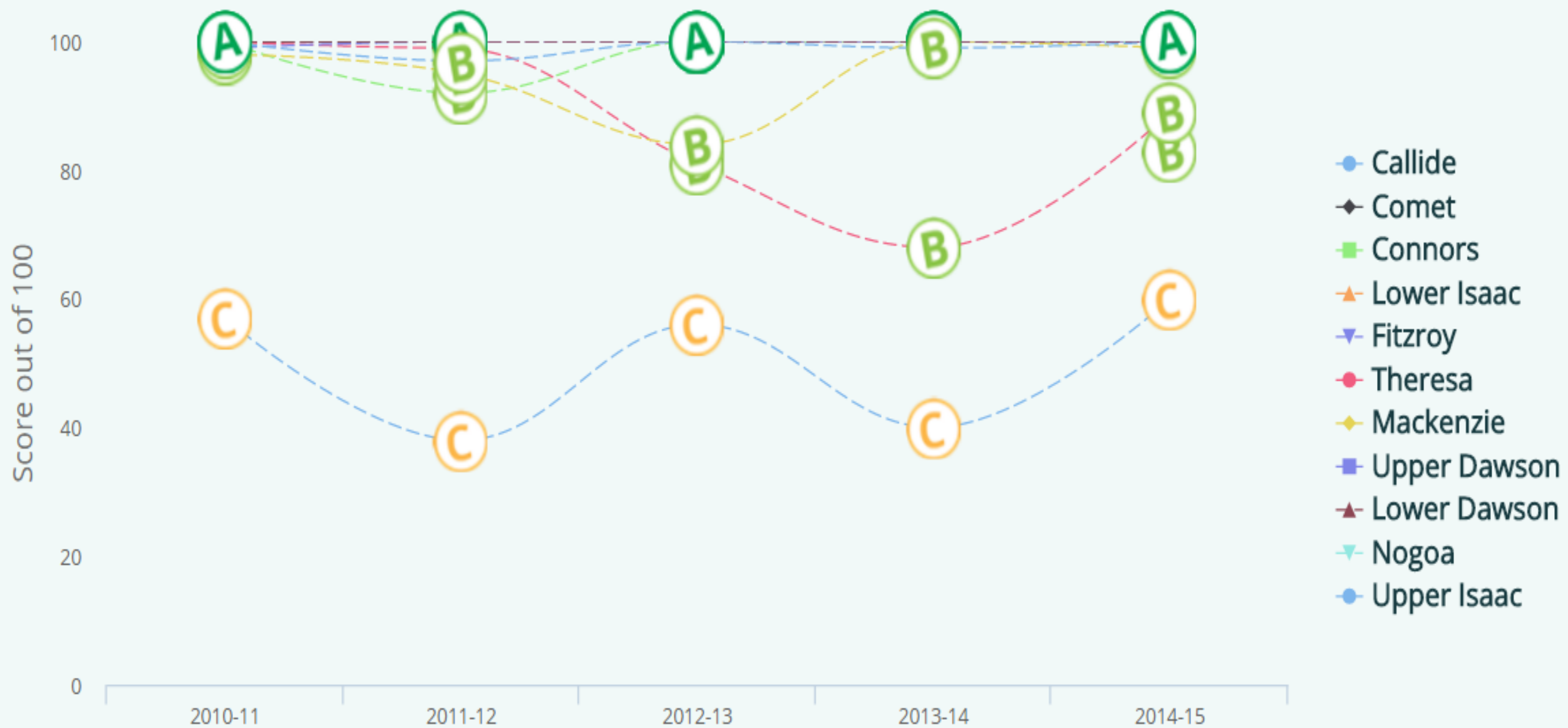
Trends

Trends

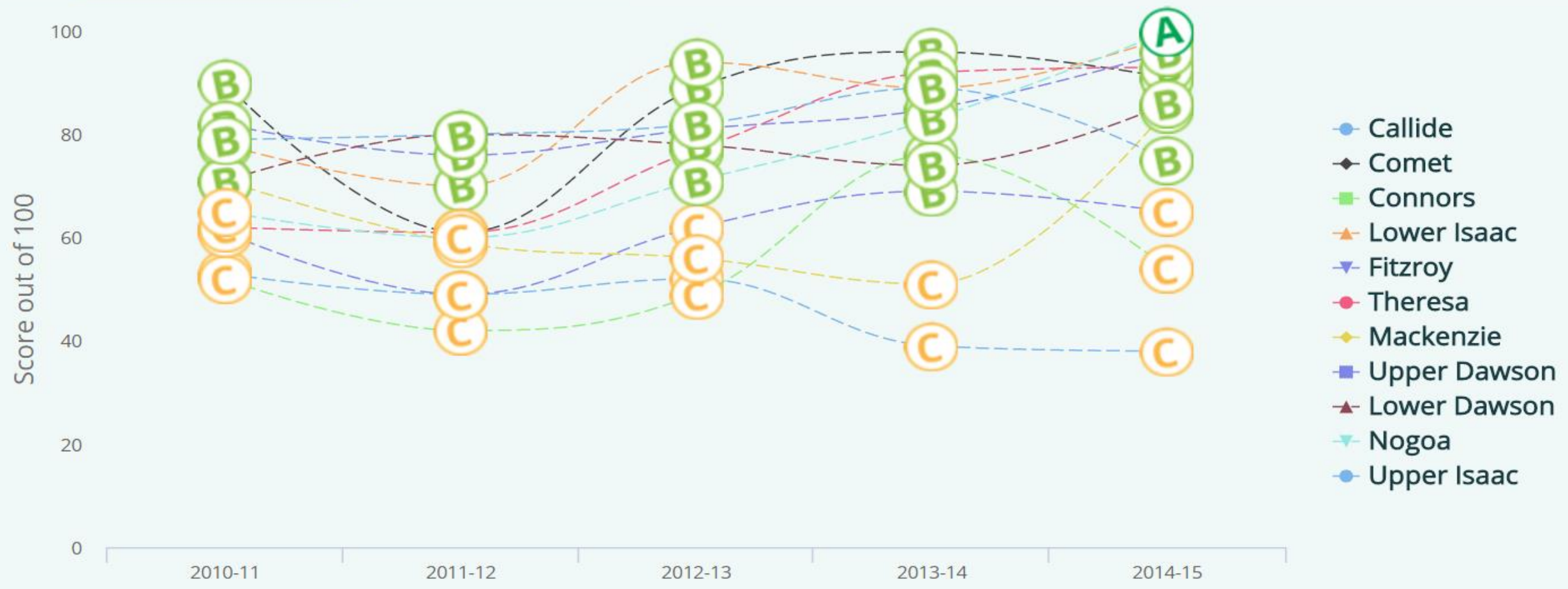


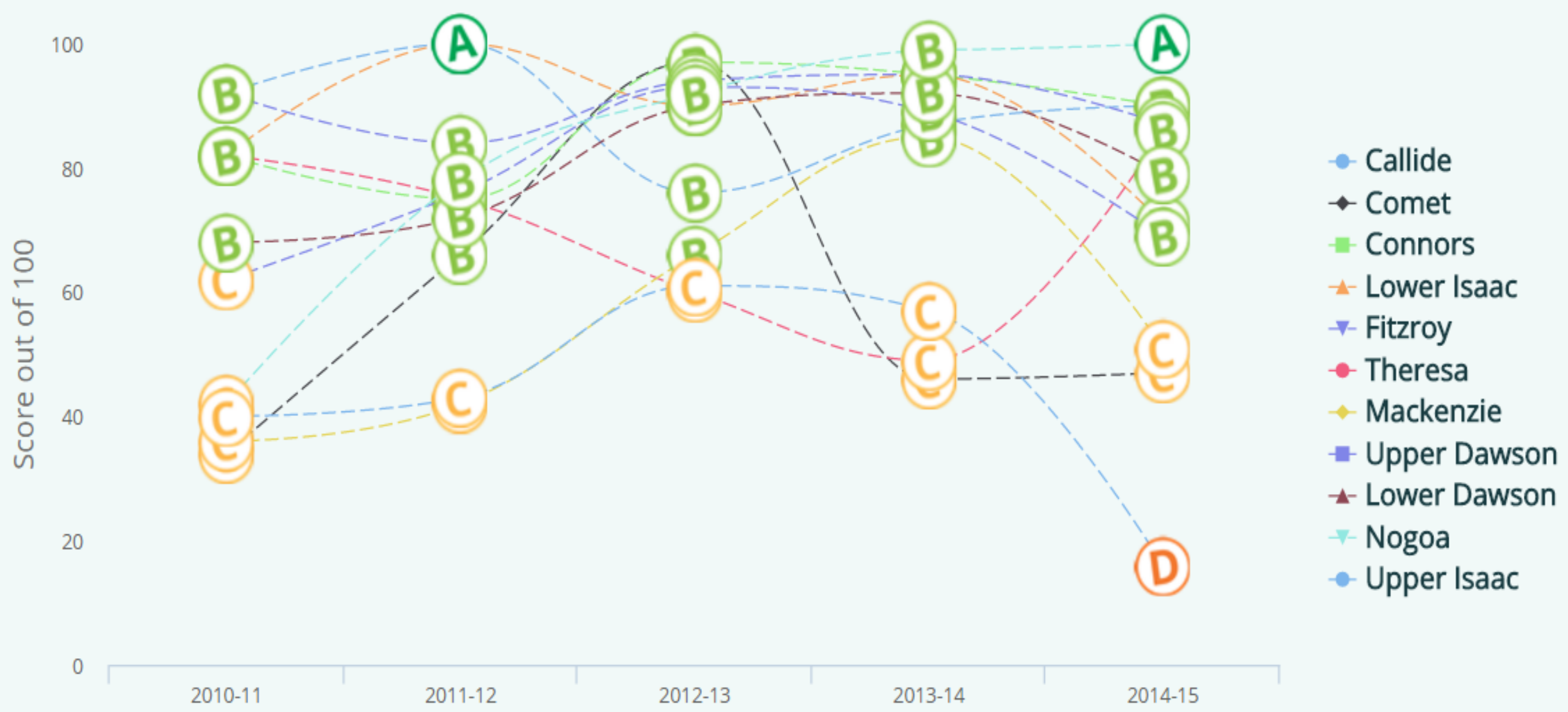


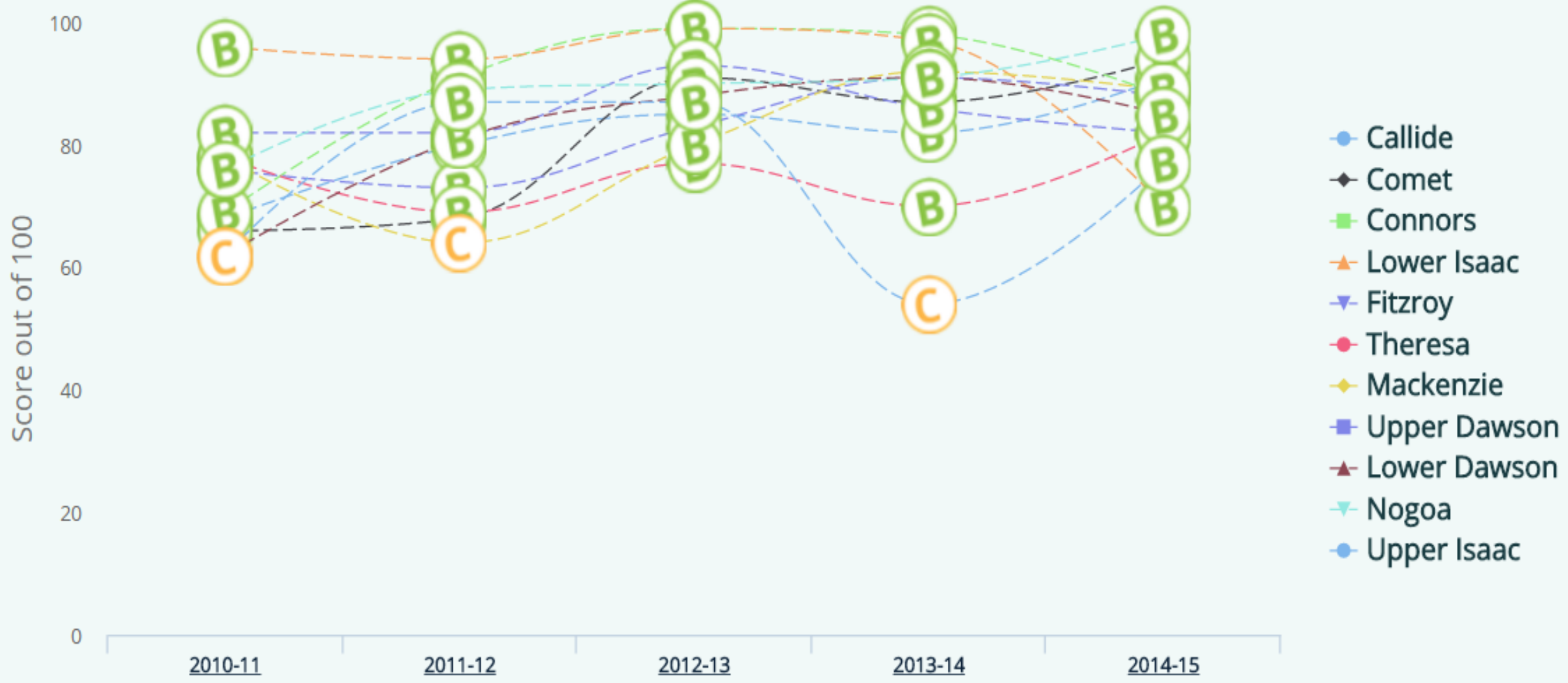
Overall	Arsenic	Aluminium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum
Nickel	Selenium	Uranium	Zinc									

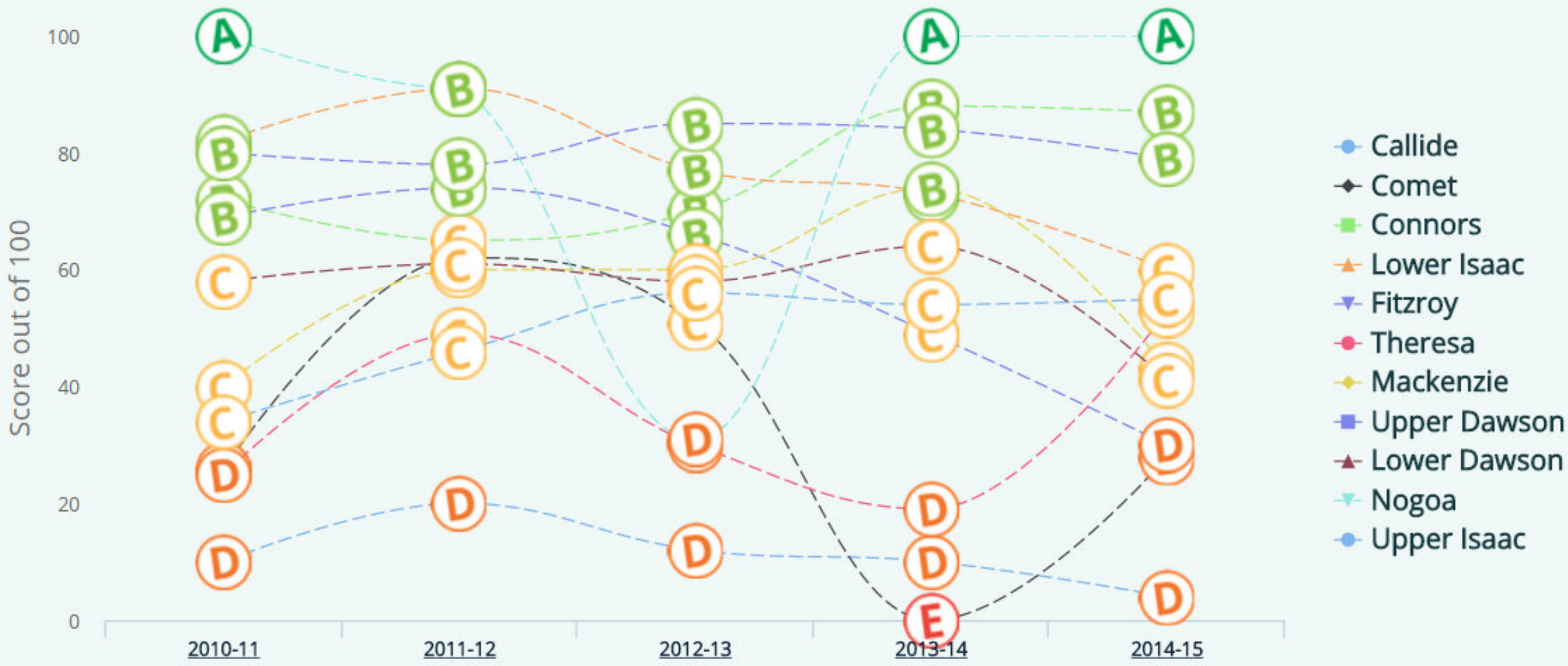


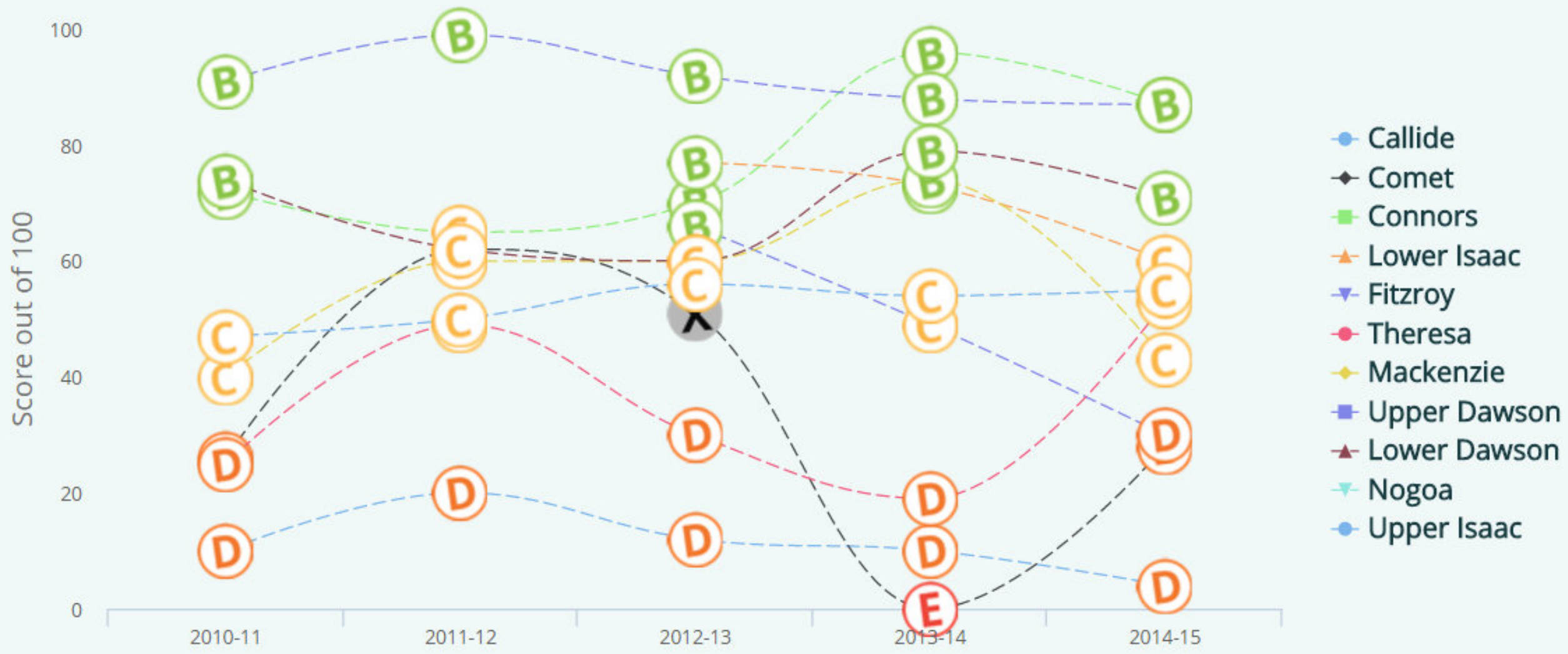
Compare

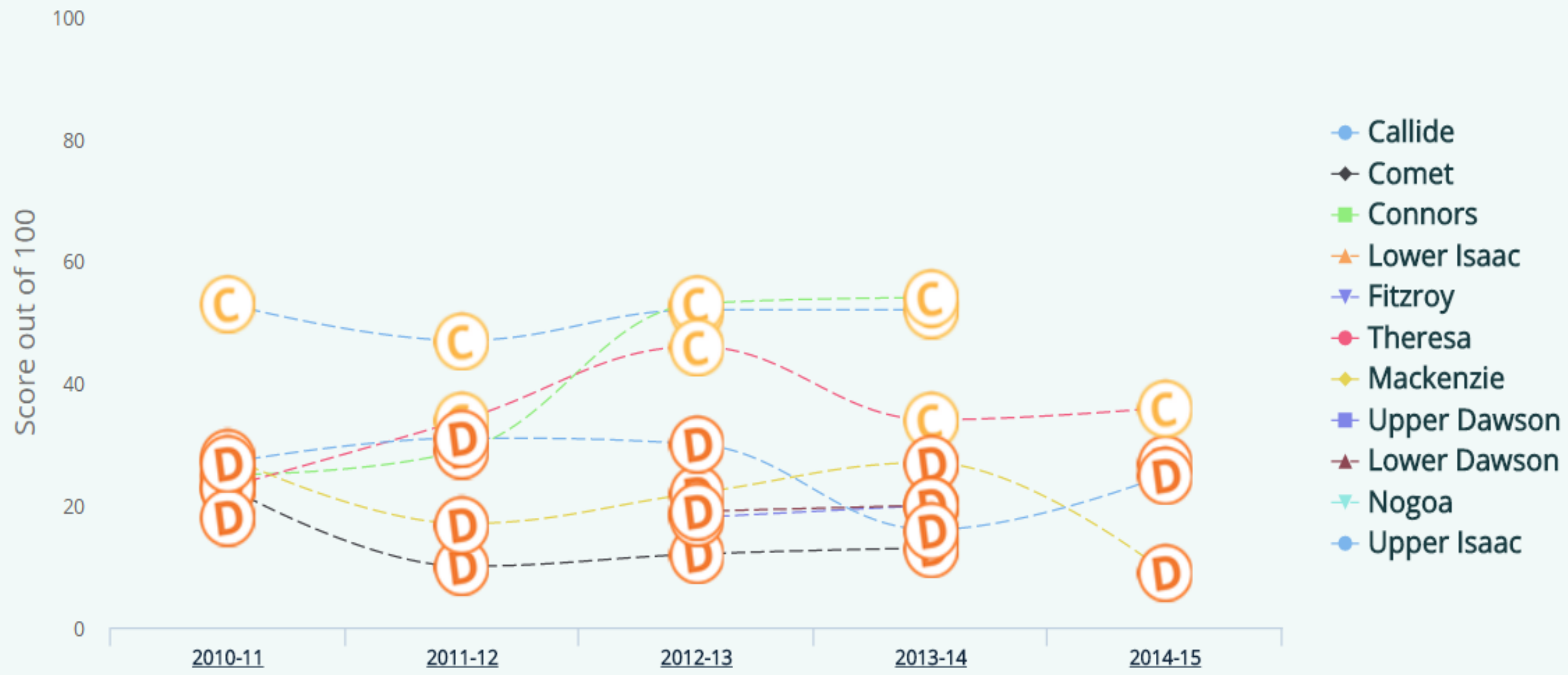


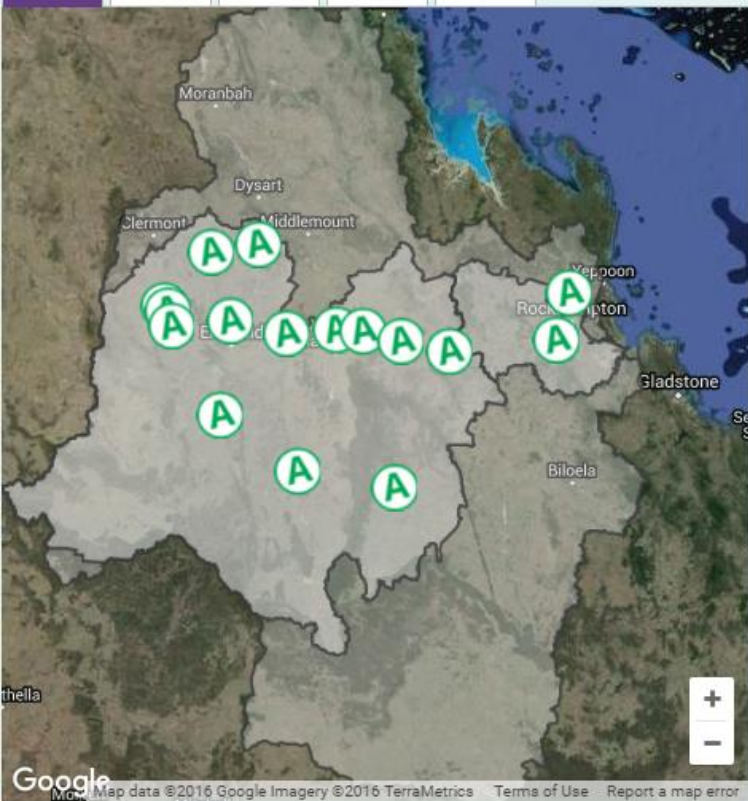












Exceedances

- ▶ Rockhampton
- ▶ Mt Morgan
- ▶ Blackwater
- ▶ Anakie
- ▶ Dingo
- ▶ Springsure

Sites Overview

Treated water

Water that has been made more drinkable, potable or useful by processing purifying, clarifying, softening or deodorizing it

Site	Health	Aesthetic
Anakie (G)	(A)	(A)
Bauhinia (S)	(A)	(A)
Blackwater (S)	(A)	(A)
Bluff (S)	(A)	(A)
Capella (S)	(A)	(A)
Comet (S)	(A)	(A)
Dingo (S)	(A)	(A)
Duaringa (S)	(A)	(A)
Emerald (S)	(A)	(A)
Mt Morgan (S)	(A)	(A)
Rockhampton (S)	(A)	(A)
Rolleston (S)	(A)	(A)
Rubyvale (G)	(A)	(A)
Sapphire (S)	(A)	(A)
Springsure (G)	(A)	(A)
Tieri (S)	(A)	(A)



Drinking Water Report

Exceedances

Health
Nil

Aesthetic
Manganese
Aluminium
Colour
Turbidity
Total Hardness
pH
EC
Sodium
TDS



Agriculture: Stock Use Report

Exceedances

Aluminium, EC, Sulphate, Copper, Cadmium



Catchment	Grade
<u>Callide</u>	(B)
<u>Comet</u>	(B)
<u>Connors</u>	(A)
<u>Lower Isaac</u>	(A)
<u>Fitzroy</u>	(A)
<u>Theresa</u>	(A)
<u>Mackenzie</u>	(A)
<u>Upper Dawson</u>	(A)
<u>Lower Dawson</u>	(A)
<u>Nogoia</u>	(A)
<u>Upper Isaac</u>	(B)

Agriculture: Crop Use Report

Exceedances

Chloride, Sodium, EC, Aluminium, Cobalt, Copper, Iron Manganese



Catchment	Grade
<u>Callide</u>	(A)
<u>Comet</u>	(B)
<u>Connors</u>	(A)
<u>Lower Isaac</u>	(A)
<u>Fitzroy</u>	(A)
<u>Theresa</u>	(A)
<u>Mackenzie</u>	(A)
<u>Upper Dawson</u>	(A)
<u>Lower Dawson</u>	(A)
<u>Nogoia</u>	(A)
<u>Upper Isaac</u>	(B)

Community





fitzroy partnership
for river health

Fitzroy Basin 2013-14
Report Card **B**

Did you know?

Fitzroy Partnership for River Health is a collective of government, industry, research and agriculture working to provide a more complete picture of river health in the Fitzroy Basin.

HOORAY!

Maisy has made it downstream and is now a beautiful adult mayfly. She flies to find her friend Mindi the Barramundi.

Start **Finish**

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

fitzroy partnership
for river health
www.riverhealth.org.au

Help MAISY the mayfly nymph find her way downstream

Mayfly nymphs are small bugs that live in the water and can be very sensitive to changes to their aquatic homes. This makes them a good indicator of waterway health.

1 Start

2 Flooding rains fill the rivers in the Basin and Maisy flows to 22.

3 An abandoned mine accidentally overflows increasing salinity. Leap back to 2.

4 Sediment runs off a paddock into a river and Maisy feels blue. Go back to 11.

5 Rocks and logs provide habitat for Maisy to rest and feed. Jump to 25.

6 A sewage treatment plant upgrade improves water quality. Maisy feels great and swims to 17.

7 The river dries up in a drought and Maisy feels sick. Go back to 16.

8 Finish



All Phys-Chem Ecology

Sites Overview

Select a site for more details

Site	Grade
Sunset Drive	B
Norman Rd Bridge	B
Kershaw Gardens	B
Girl Guides	B
Emerald Botanic Gardens	B
Fairbairn Dam	B
Williams Farm	B
Dee River crossing in Mandalay	C
Gundoo Rangers Moores Creek	B
Oakey Creek in Penny Royal	C
Frenchmans Creek at Iard Street	C

We recognise our partners for their contribution to a more complete picture of river health in the Fitzroy Basin



Major partners



Partners

