

E PLURIBUS HUGO

“Out of the Many, a Hugo”

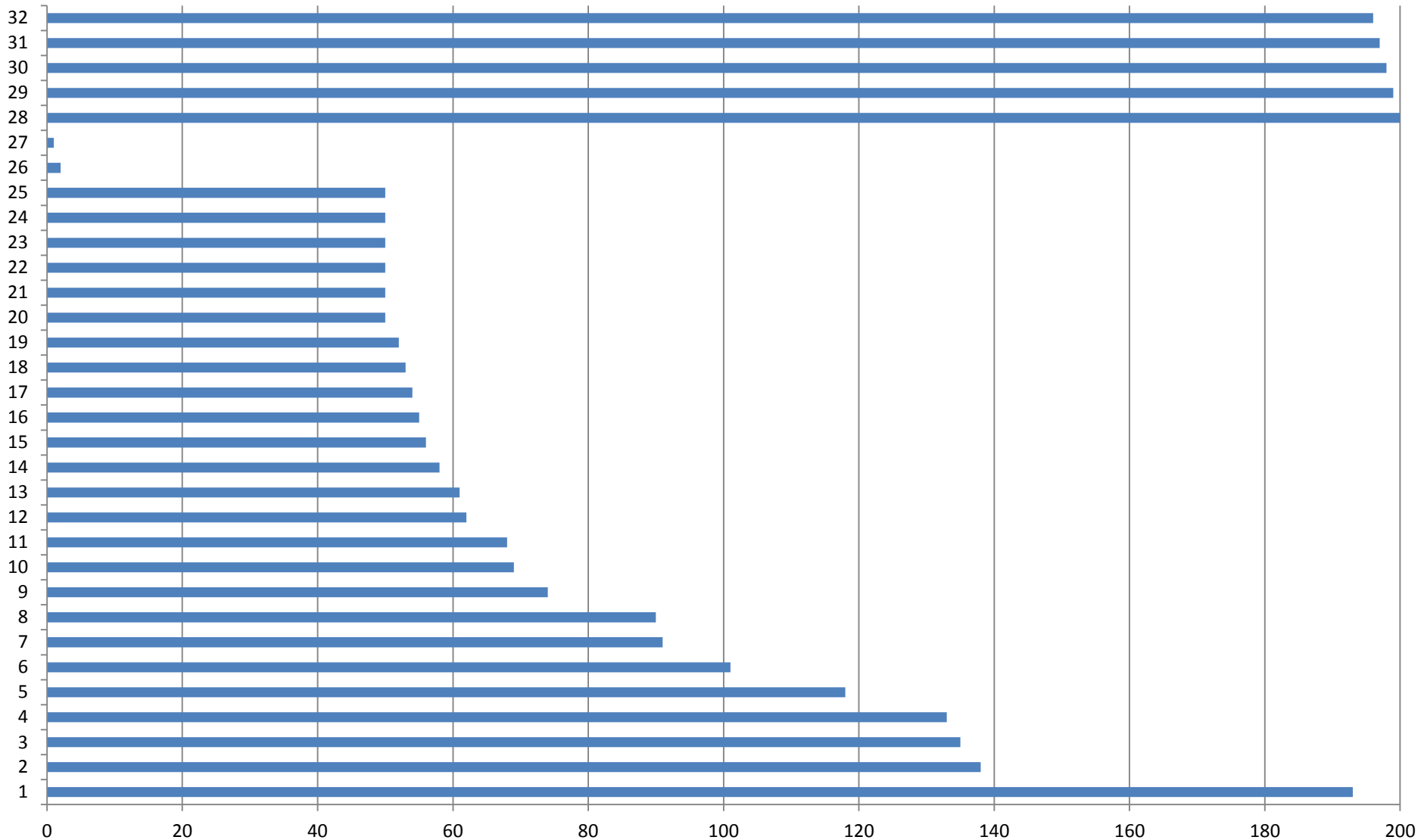
Summary of EPH

- Each category is run as a separate election (just as is done currently)
- There are three phases to EPH:
 - **Calculation Phase:** Each nomination ballot gets one point divided equally among the nominees listed; the total points from all ballots are added together for each nominee.
 - **Selection Phase:** The nominees with the lowest point totals are selected as candidates for elimination
 - **Elimination Phase:** The selected nominee with the fewest number of nominations is eliminated
- That's it! All the rest is details and handling edge cases.

2013 Best Novel Data

- We do not have the actual 2013 Hugo ballots, so this dataset was computer-generated to match the statistical distribution of the actual Hugo data
- 1313 nomination ballots total
- 200 slate ballots added manually
- #1-27 are non-slate nominees in order of number of nominations received
- #28-32 are slate nominees in order of number of nominations received
- **Without the slate, EPH gives results identical to the current system: 1,2,3,4,5 is the final ballot.**

2013 Best Novel Num. of Nominations

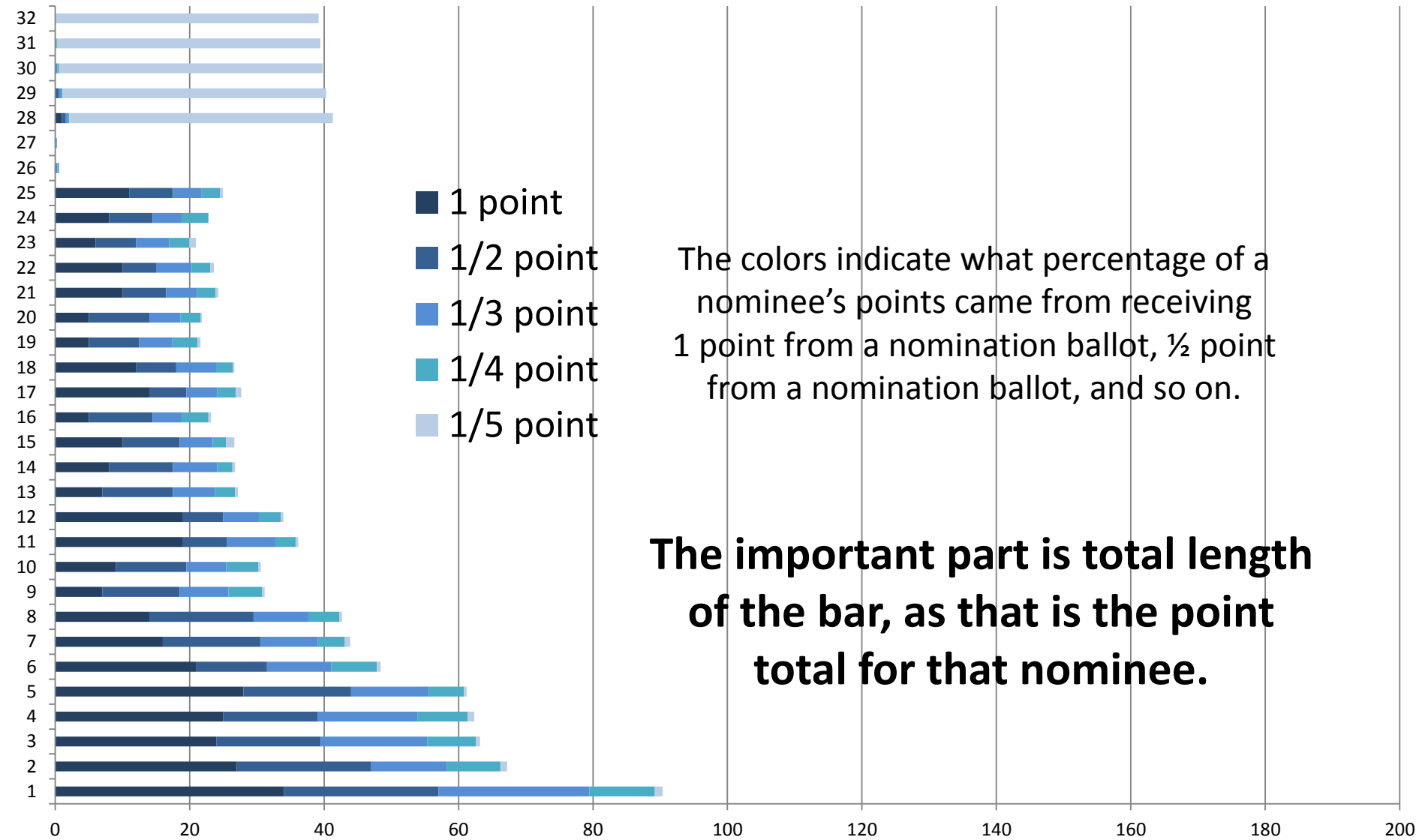


Under the current system, the slate sweeps the final ballot even though it only has 200 nomination ballots.

2013 Best Novel : Final Ballot (Current System)

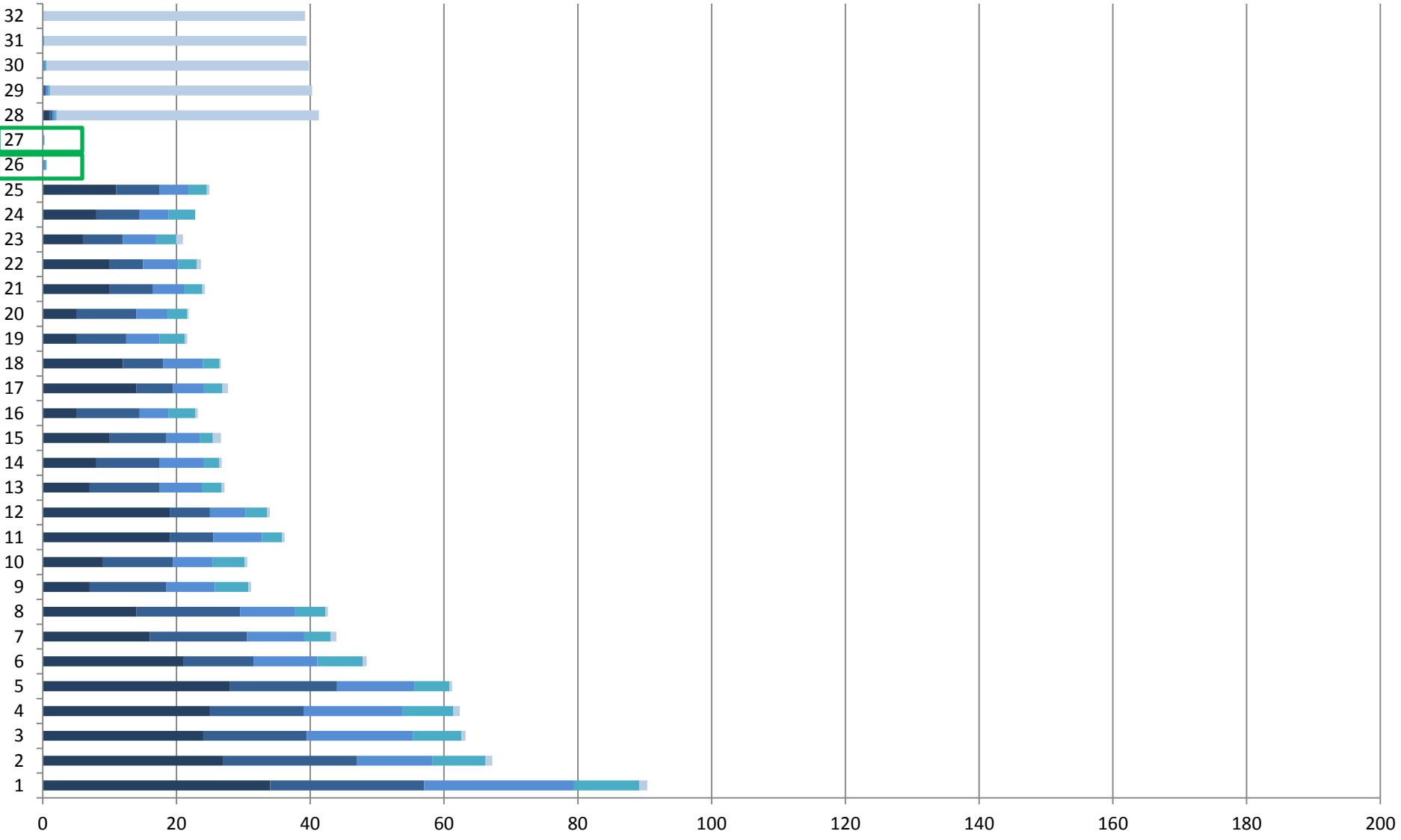
- #28
- #29
- #30
- #31
- #32

2013 Best Novel Point Totals – Round 1

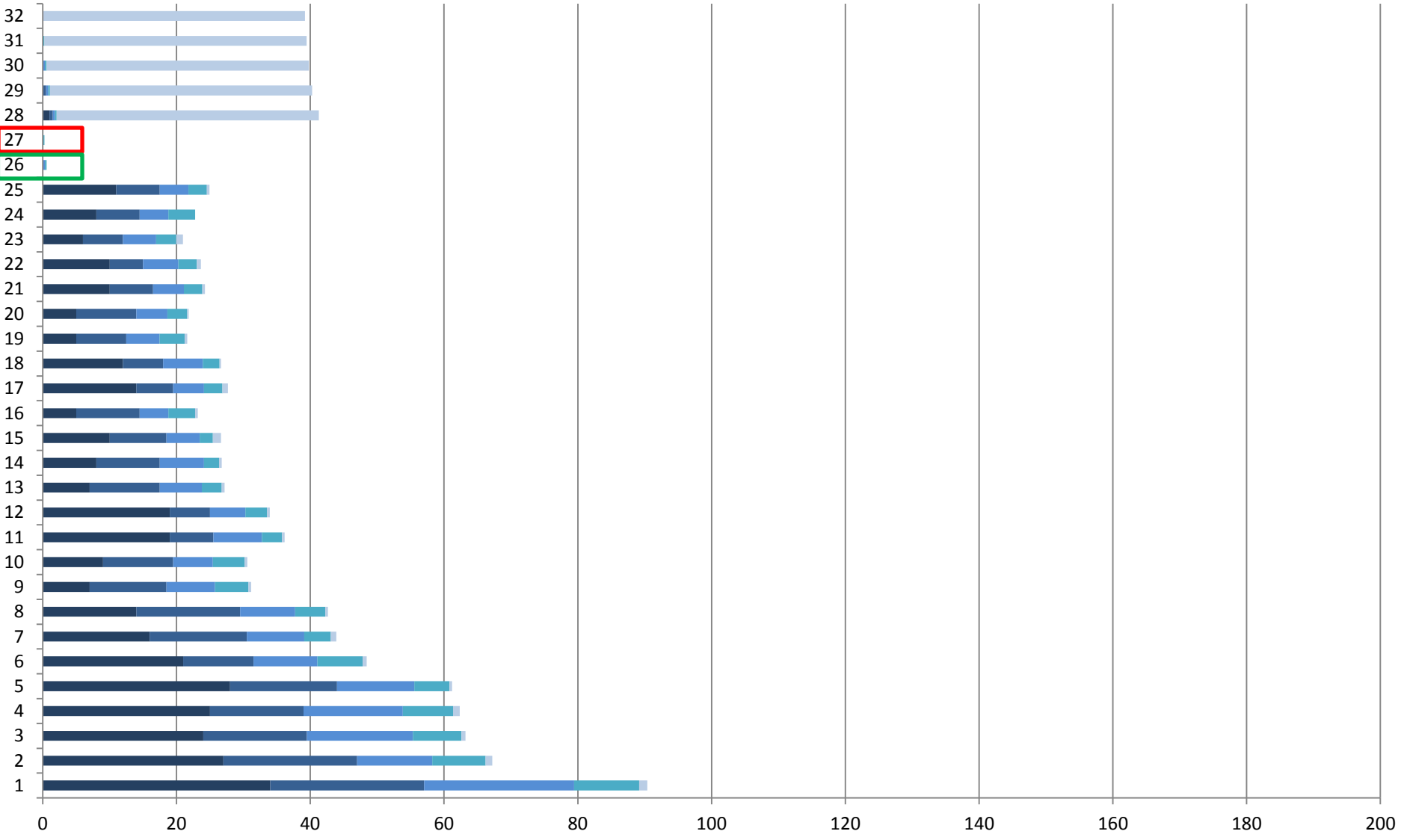


Incidentally, the 1-point color will get longer as nominees are eliminated from ballots and those ballots' points are redistributed among the remaining nominees.

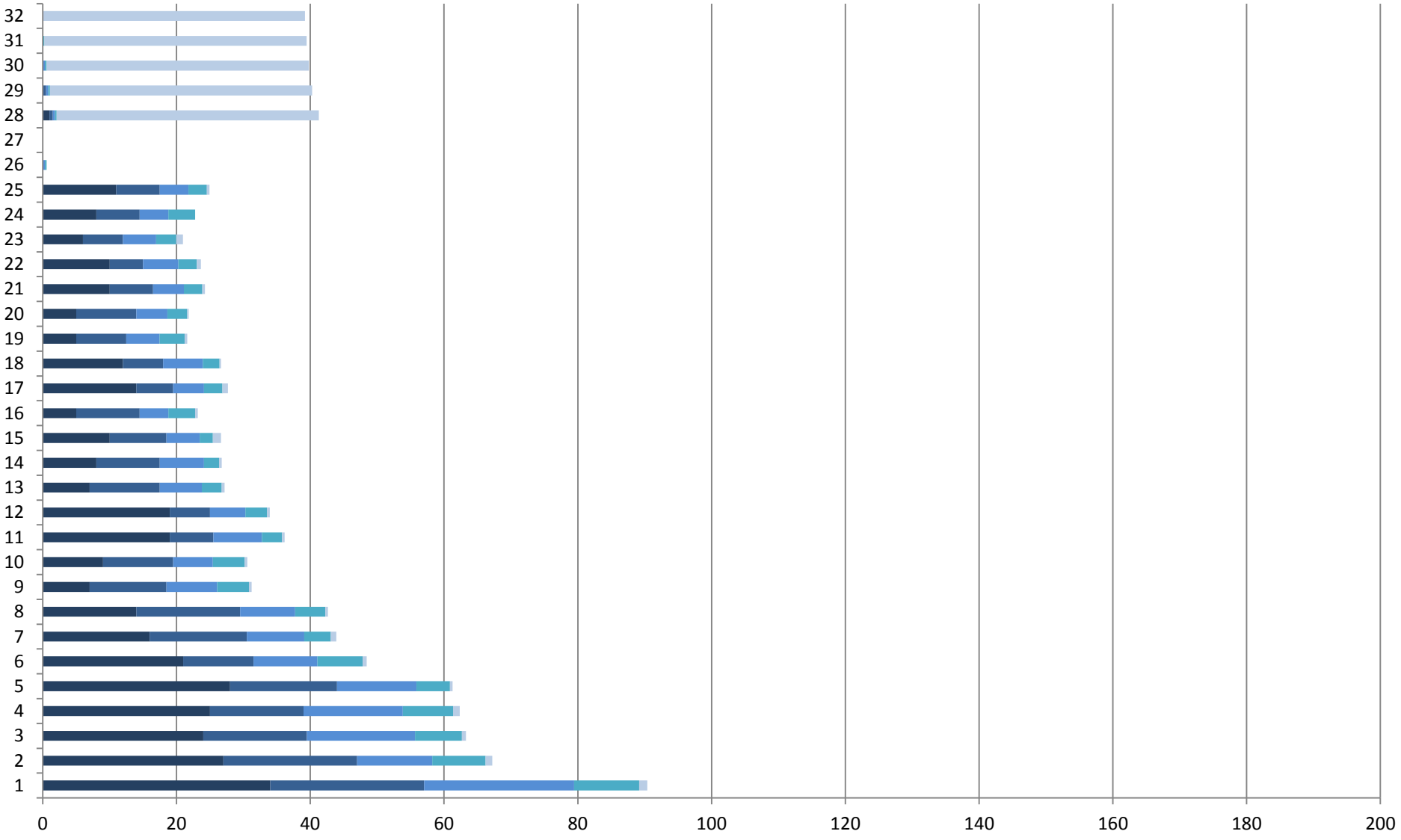
2013 Best Novel Point Totals – Round 1



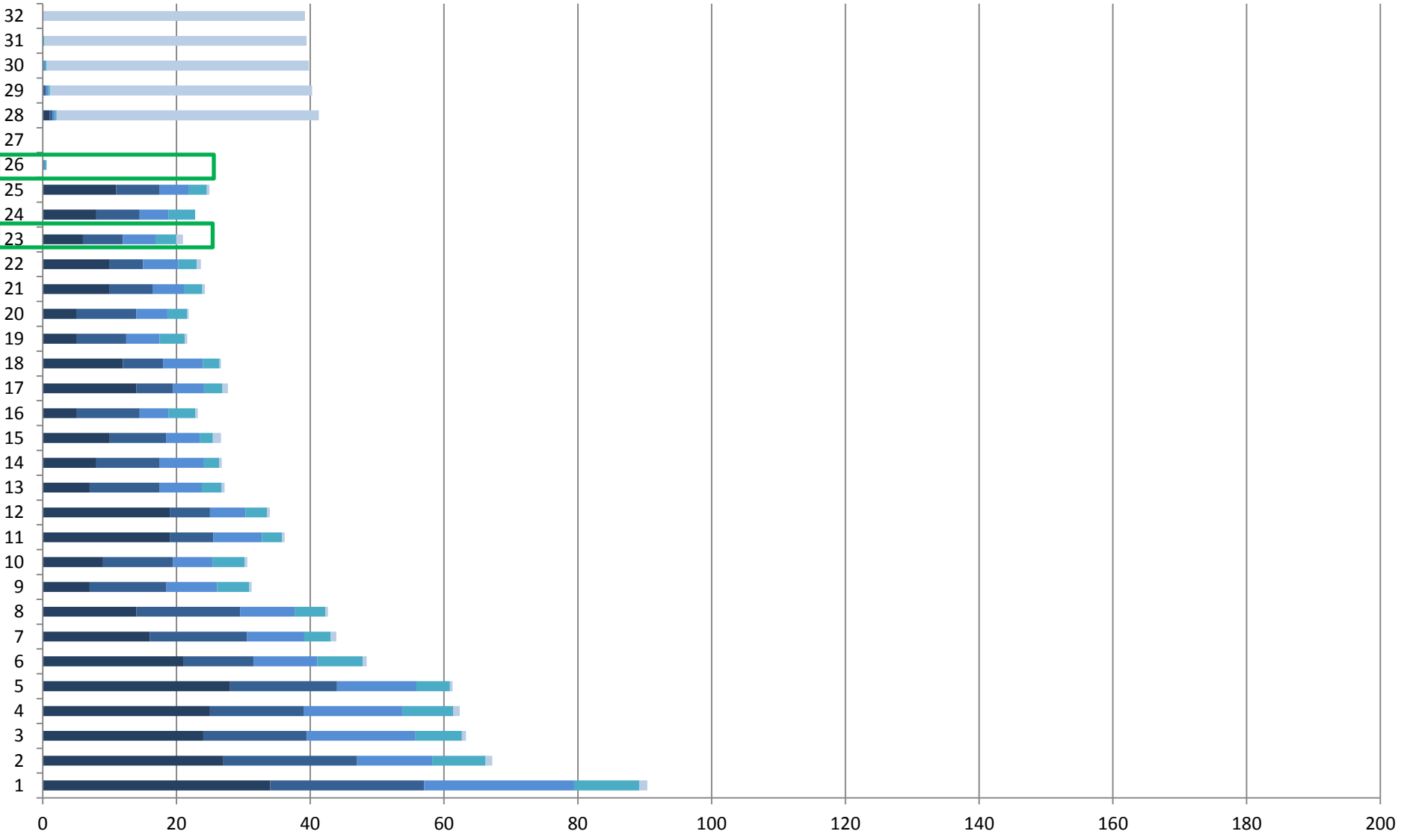
2013 Best Novel Point Totals – Round 1



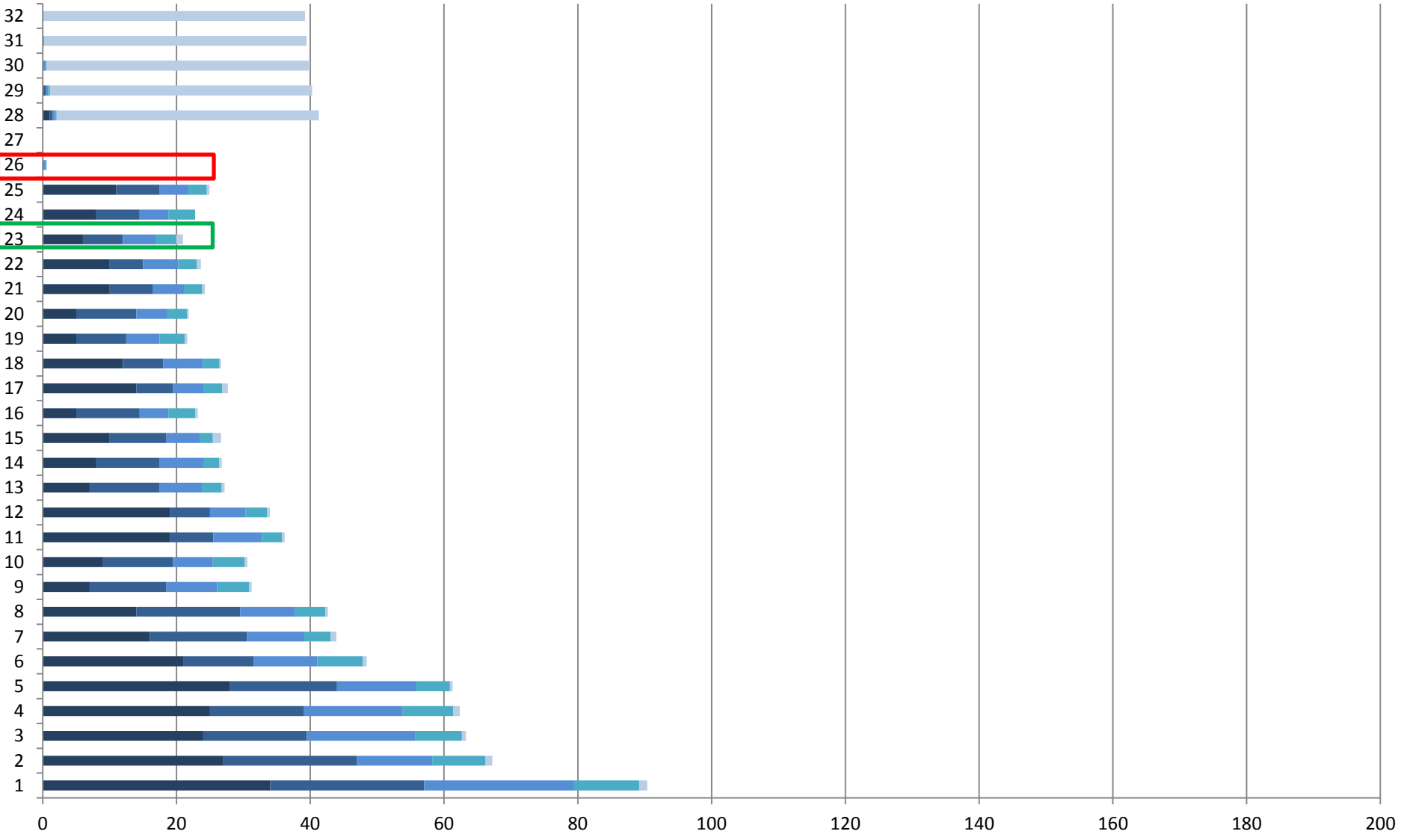
2013 Best Novel Point Totals – Round 2



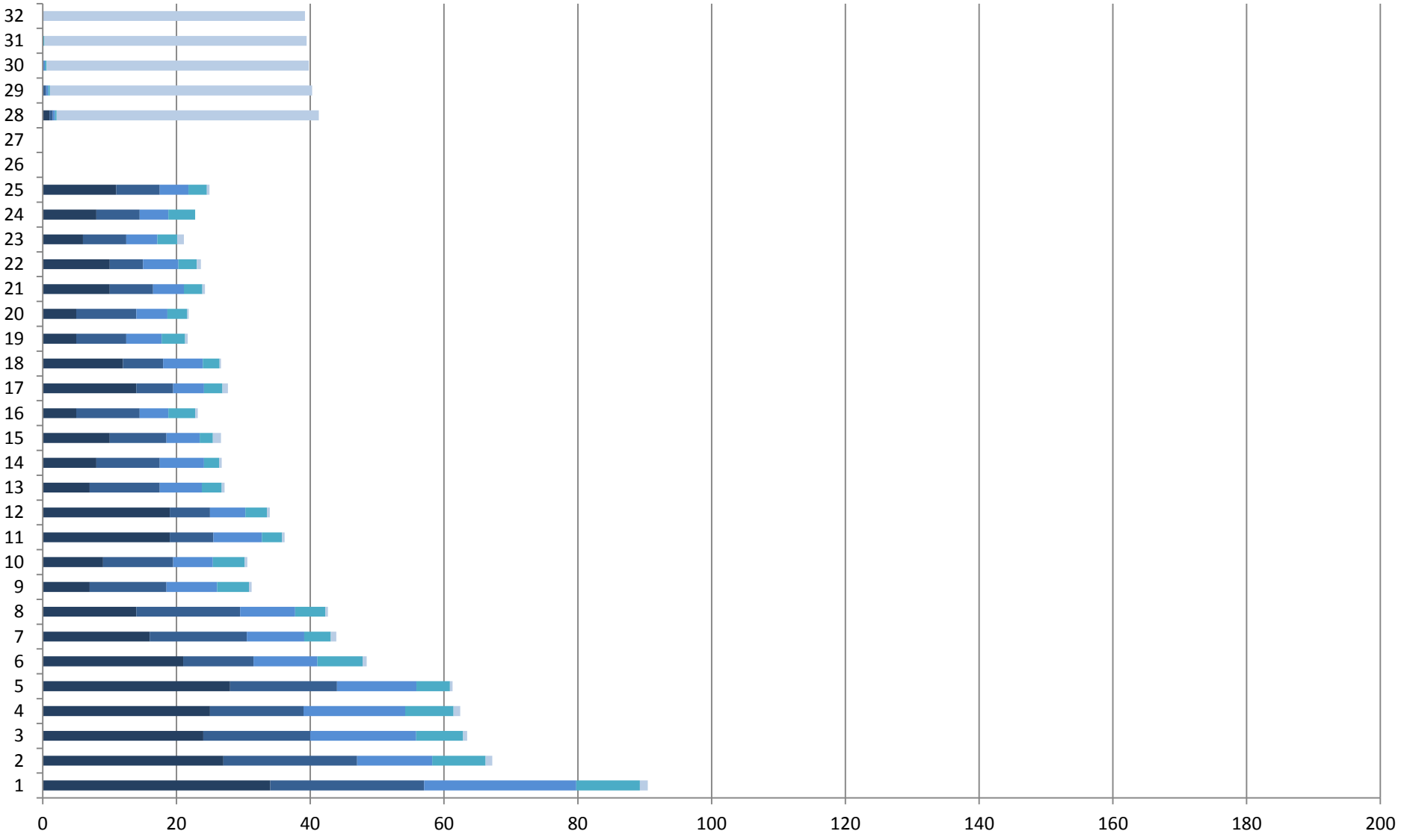
2013 Best Novel Point Totals – Round 2



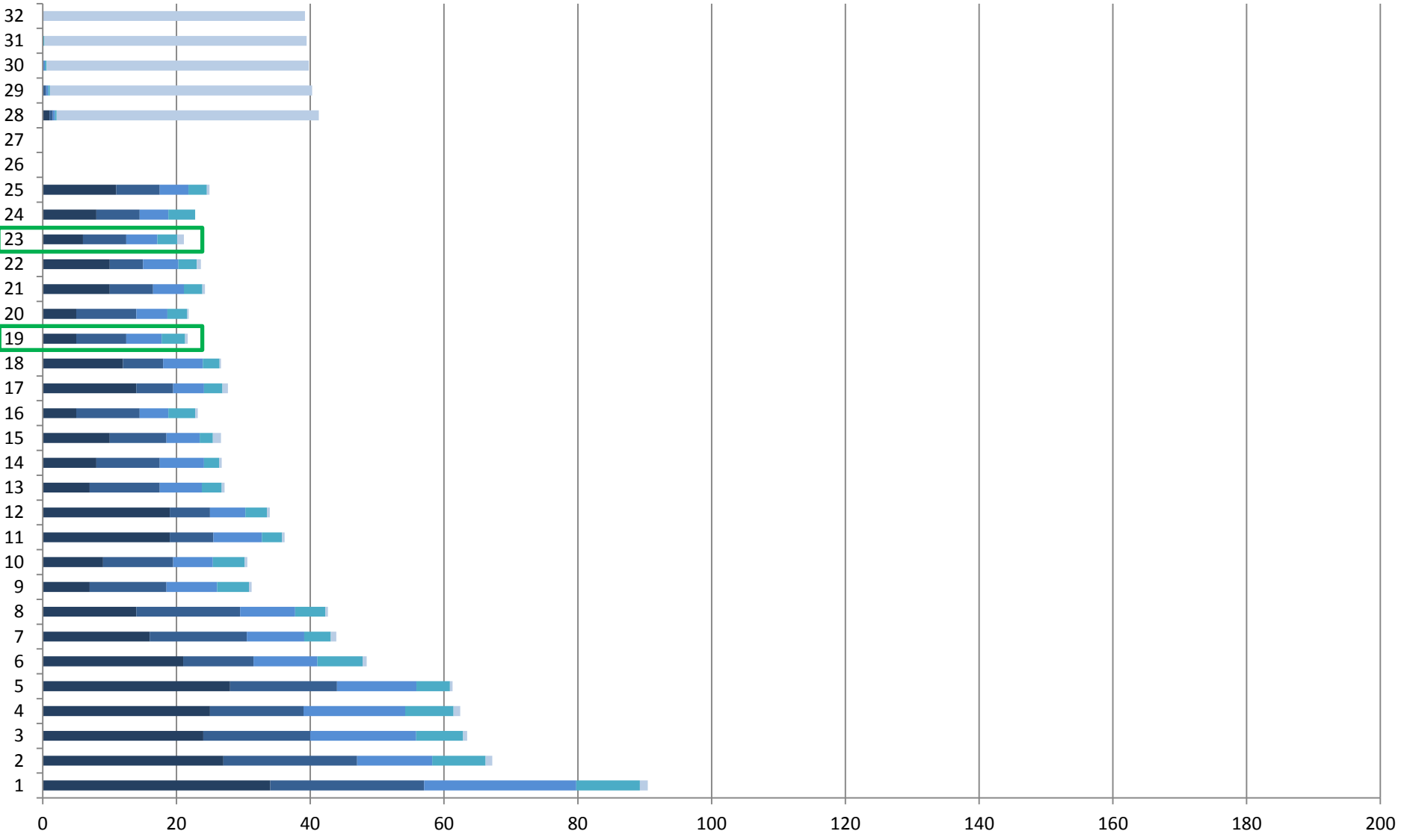
2013 Best Novel Point Totals – Round 2



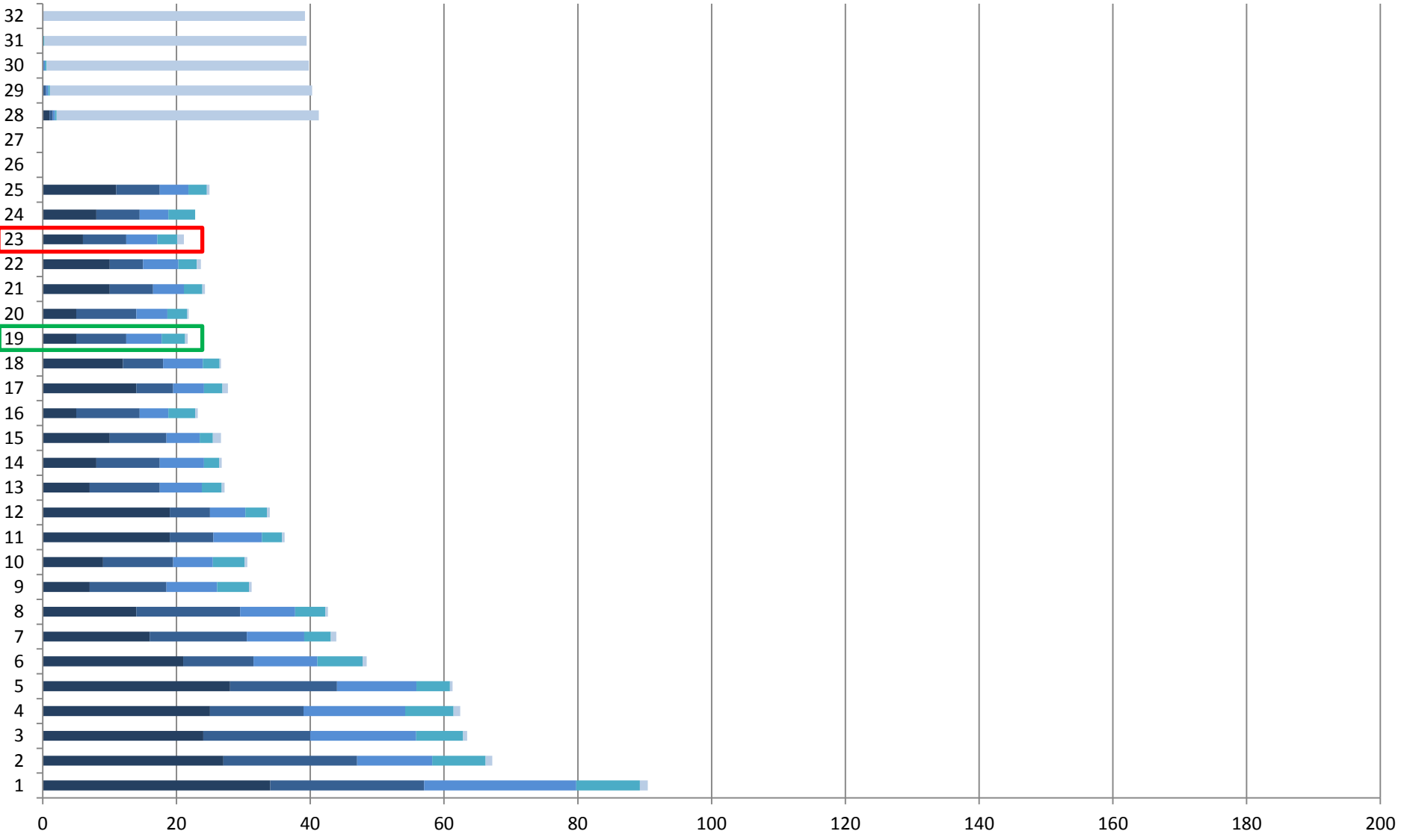
2013 Best Novel Point Totals – Round 3



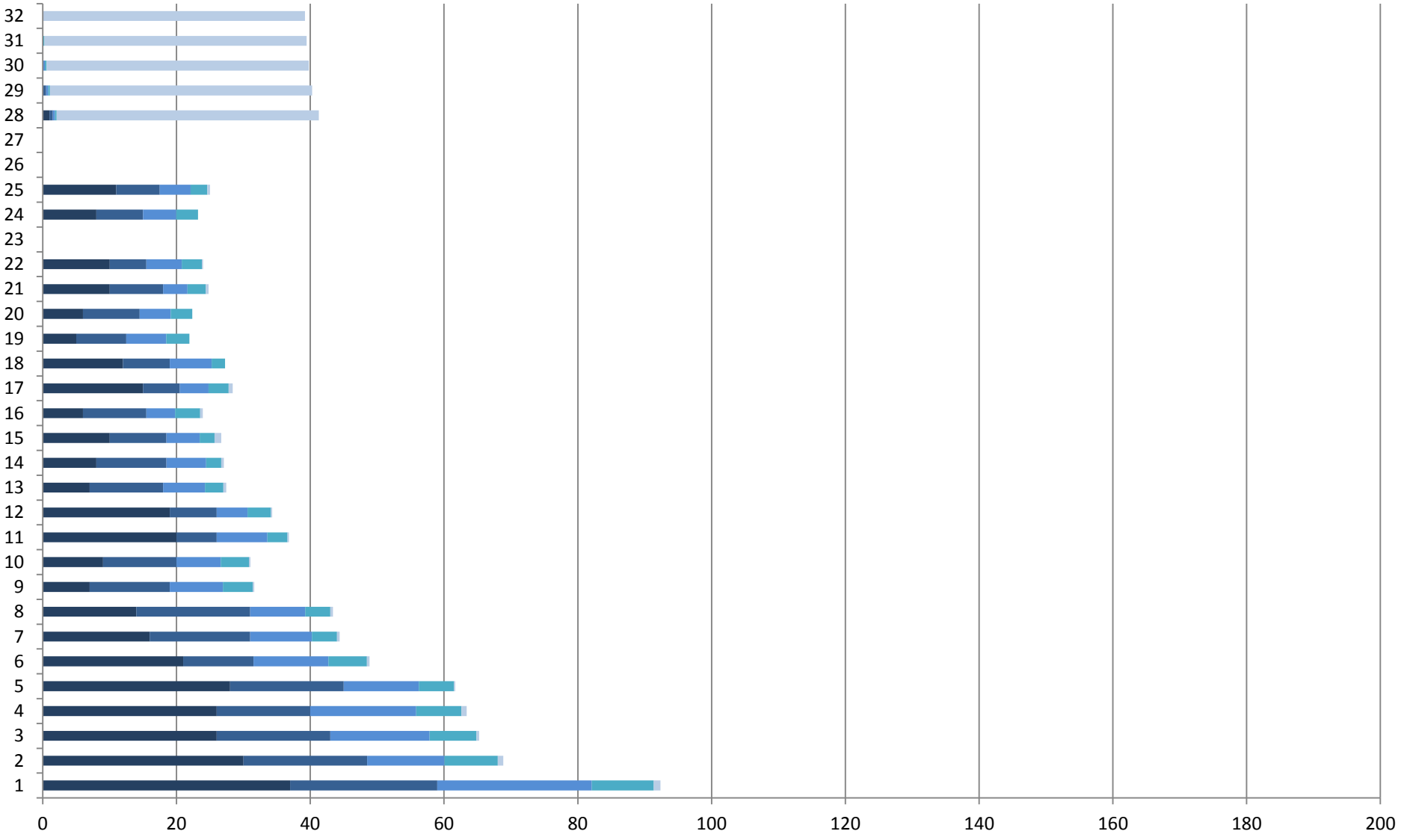
2013 Best Novel Point Totals – Round 3



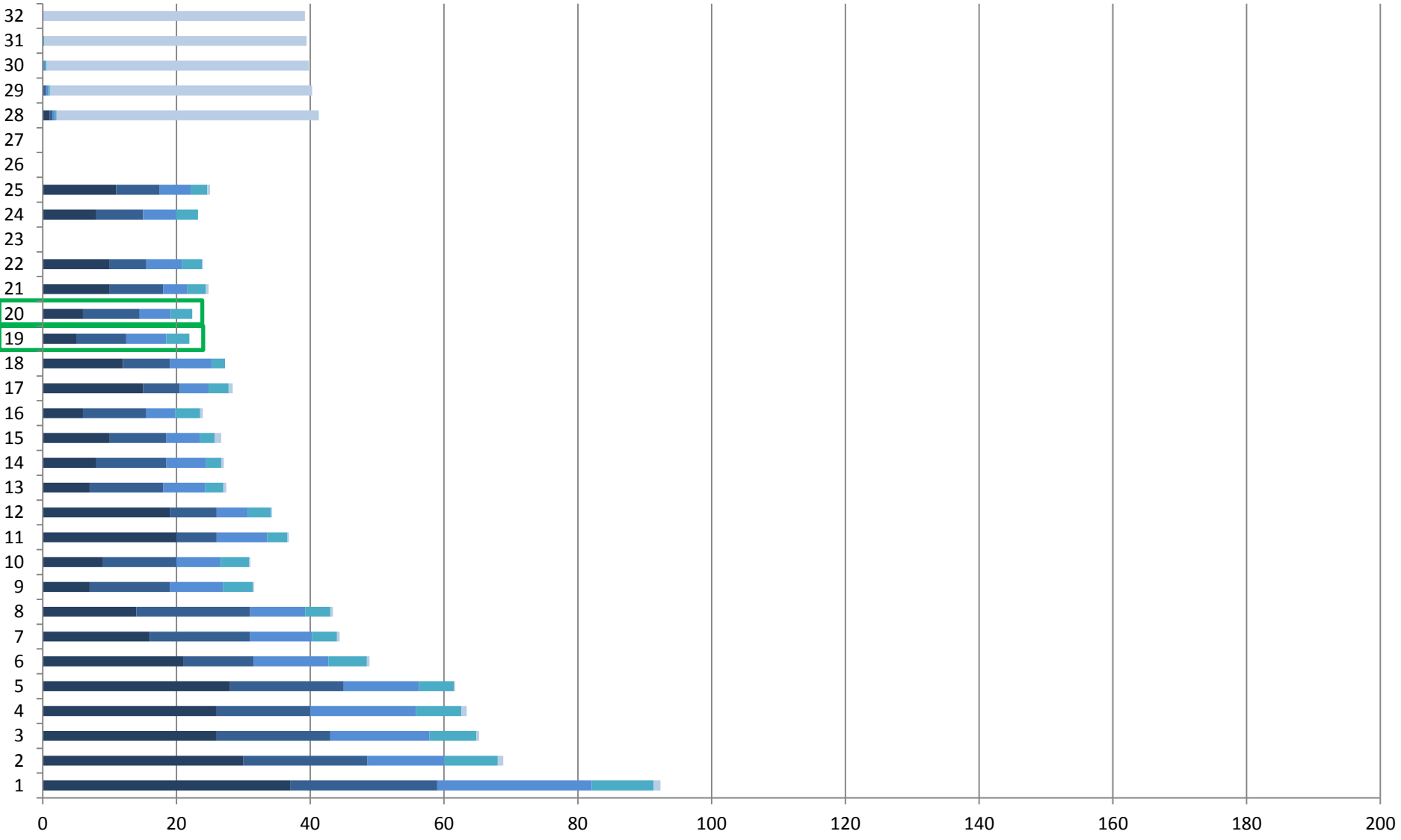
2013 Best Novel Point Totals – Round 3



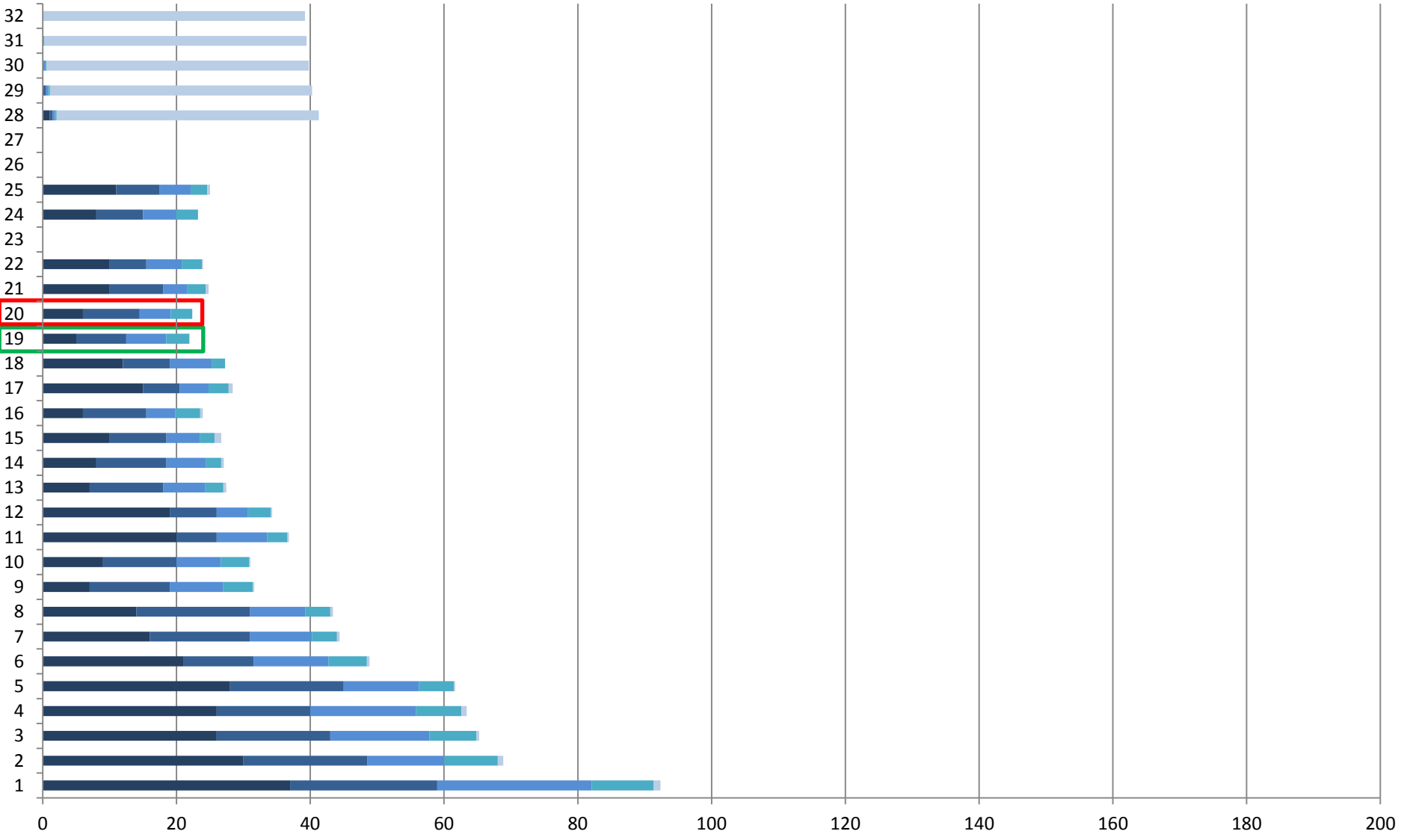
2013 Best Novel Point Totals – Round 4



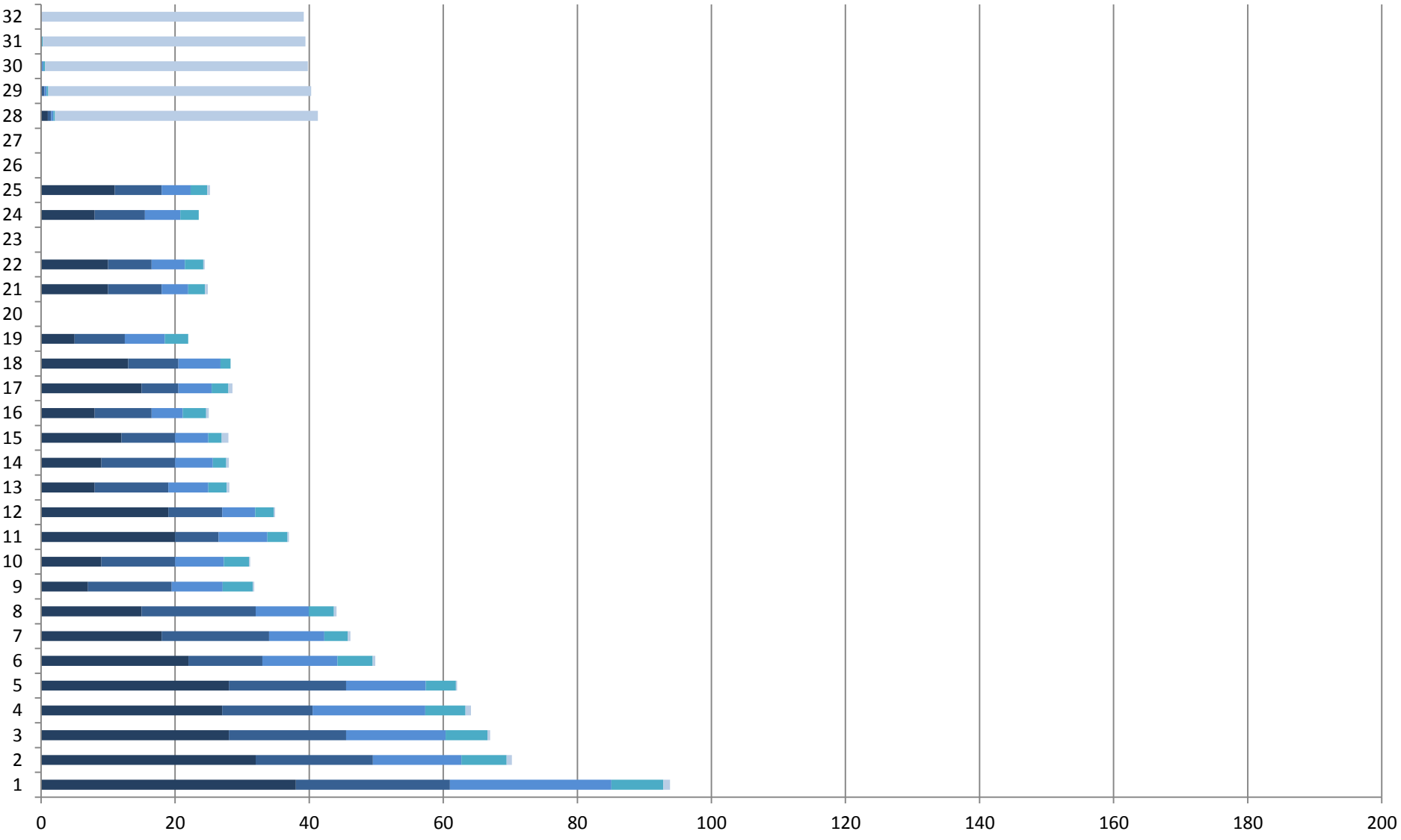
2013 Best Novel Point Totals – Round 4



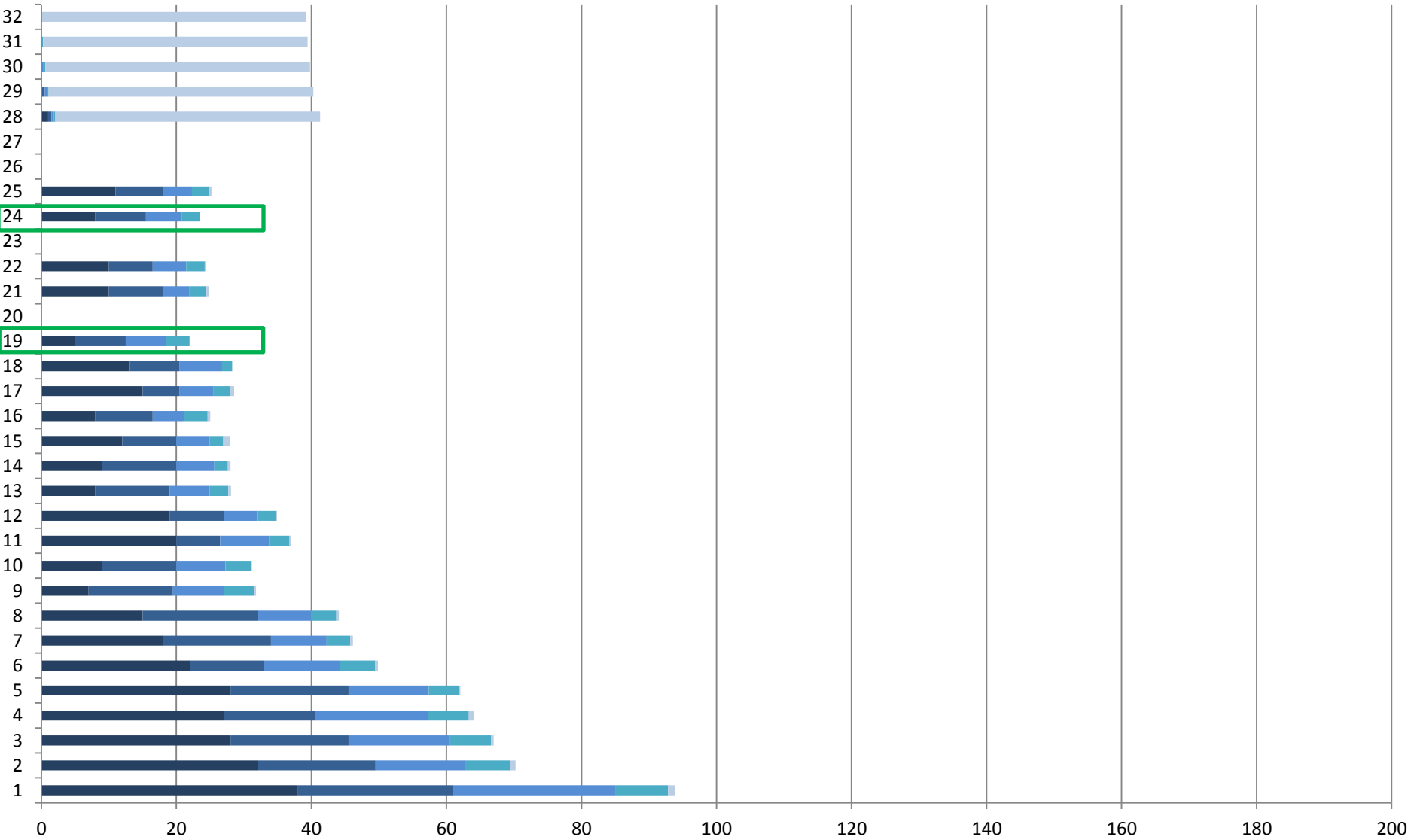
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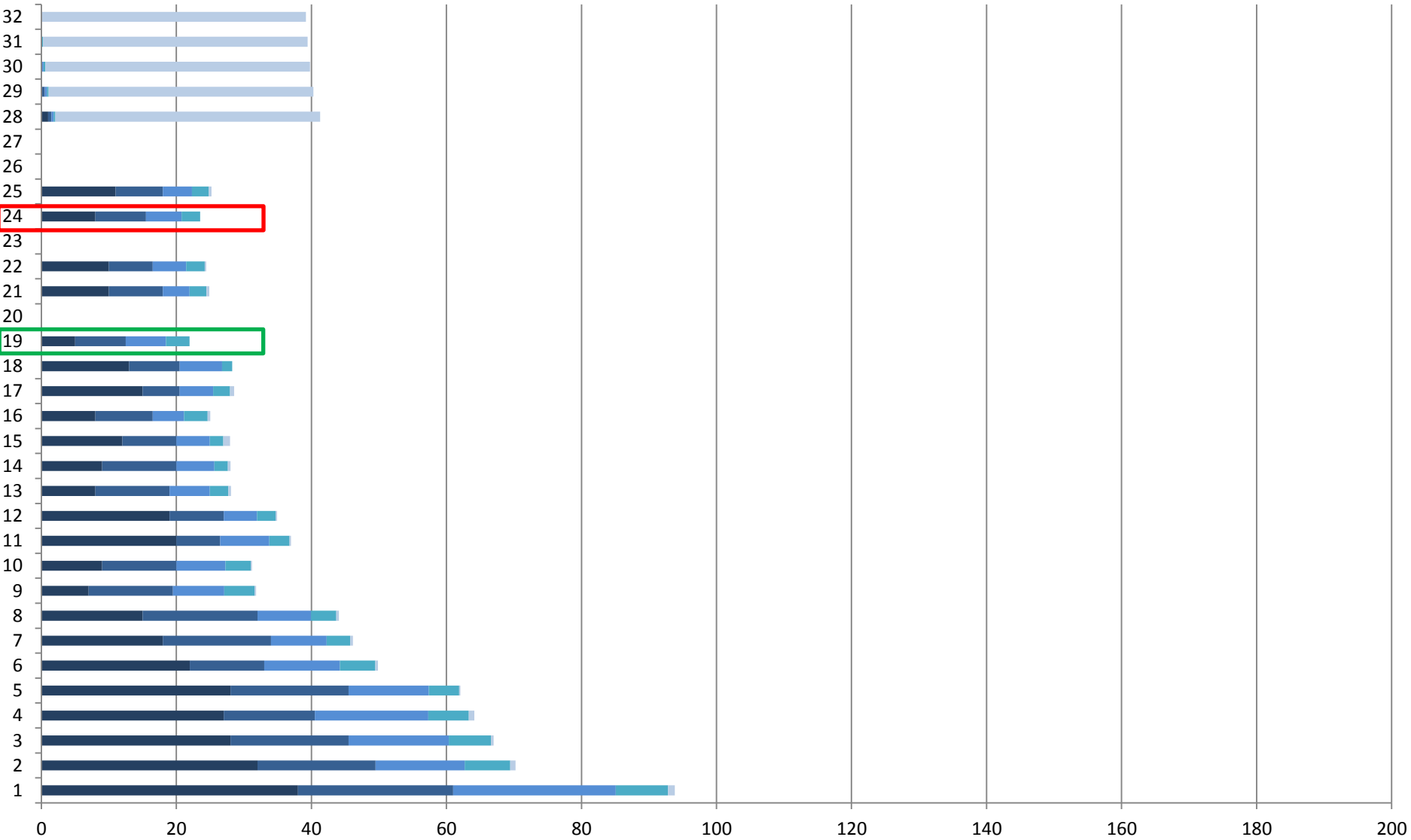
2013 Best Novel Point Totals – Round 5



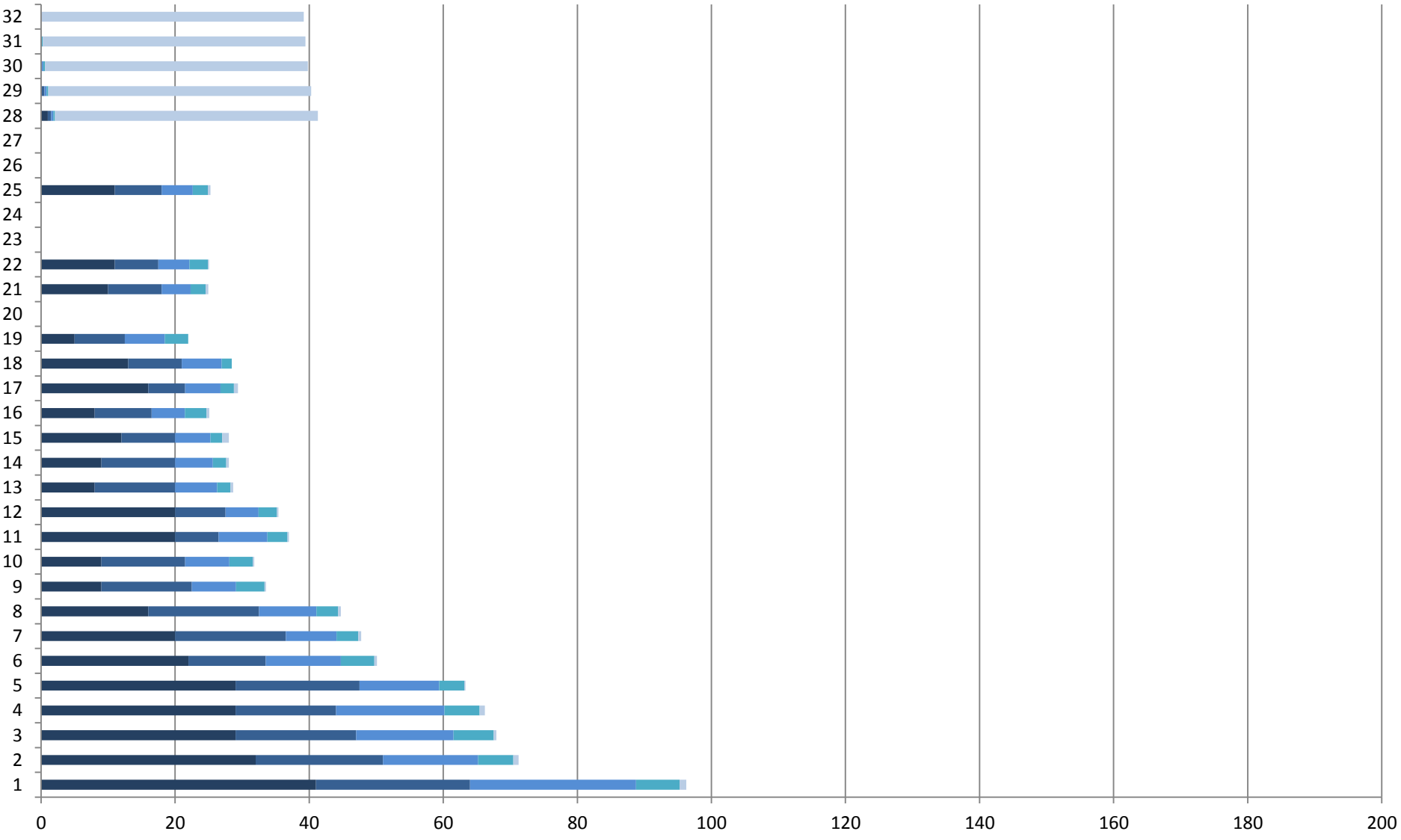
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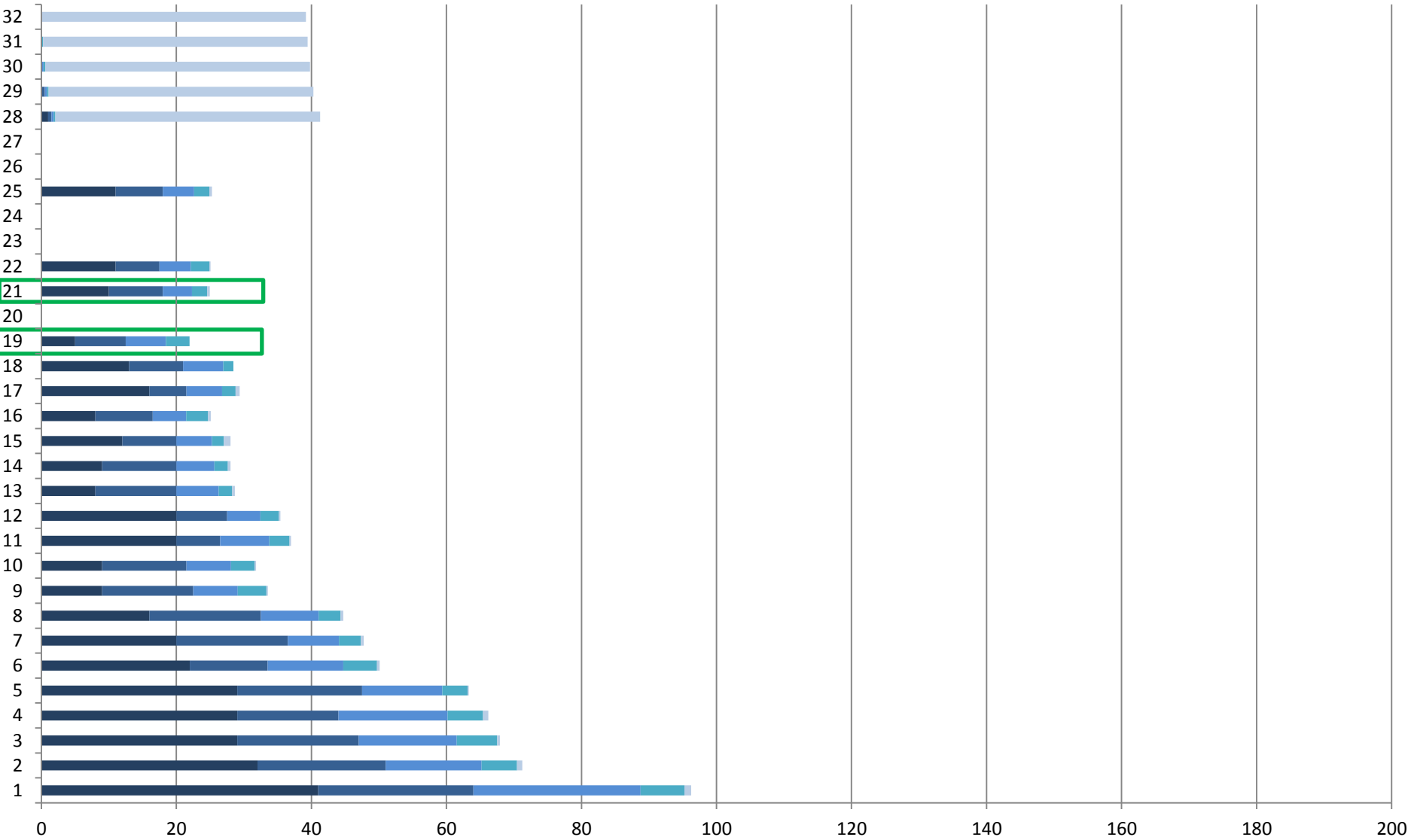
2013 Best Novel Point Totals – Round 5



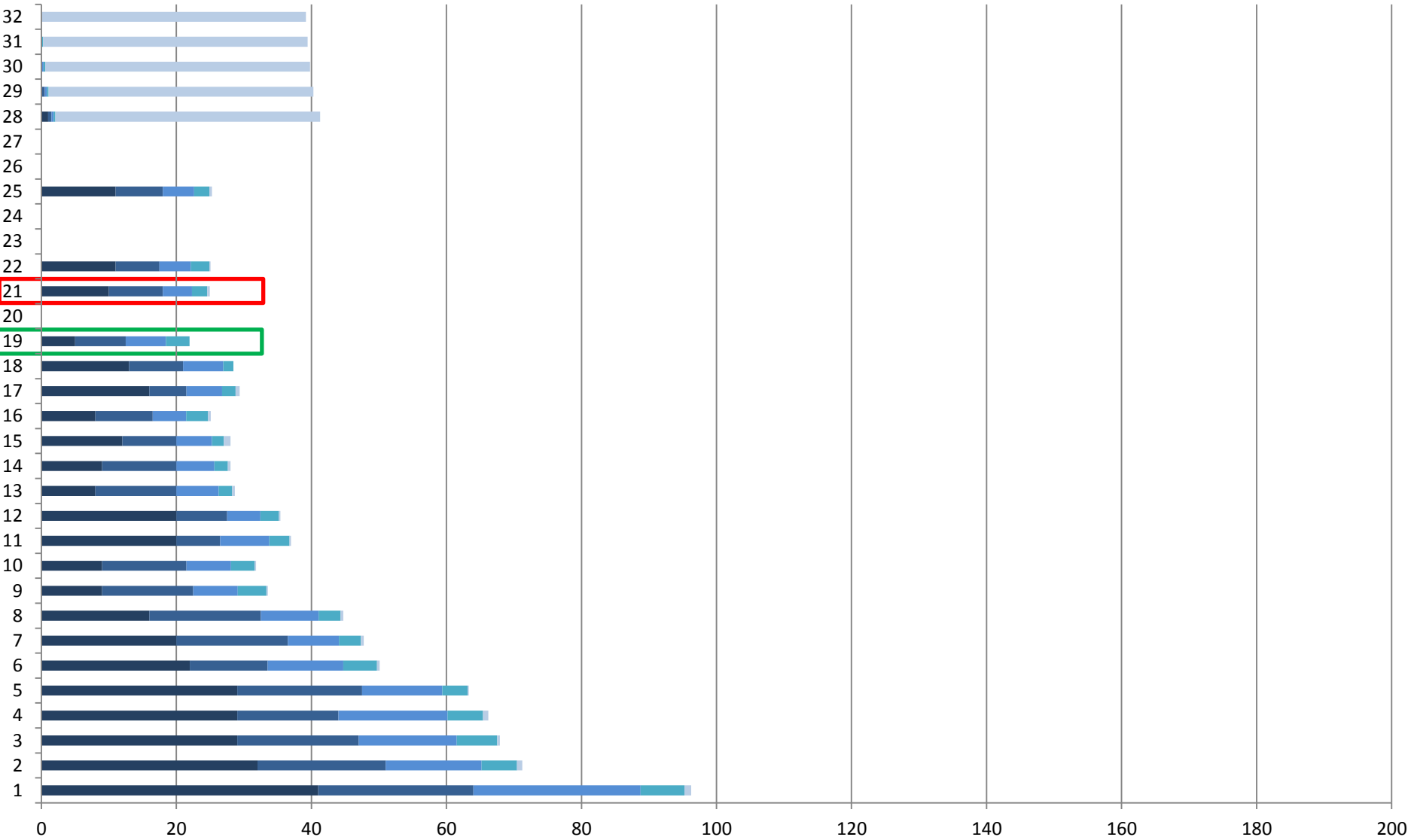
2013 Best Novel Point Totals – Round 6



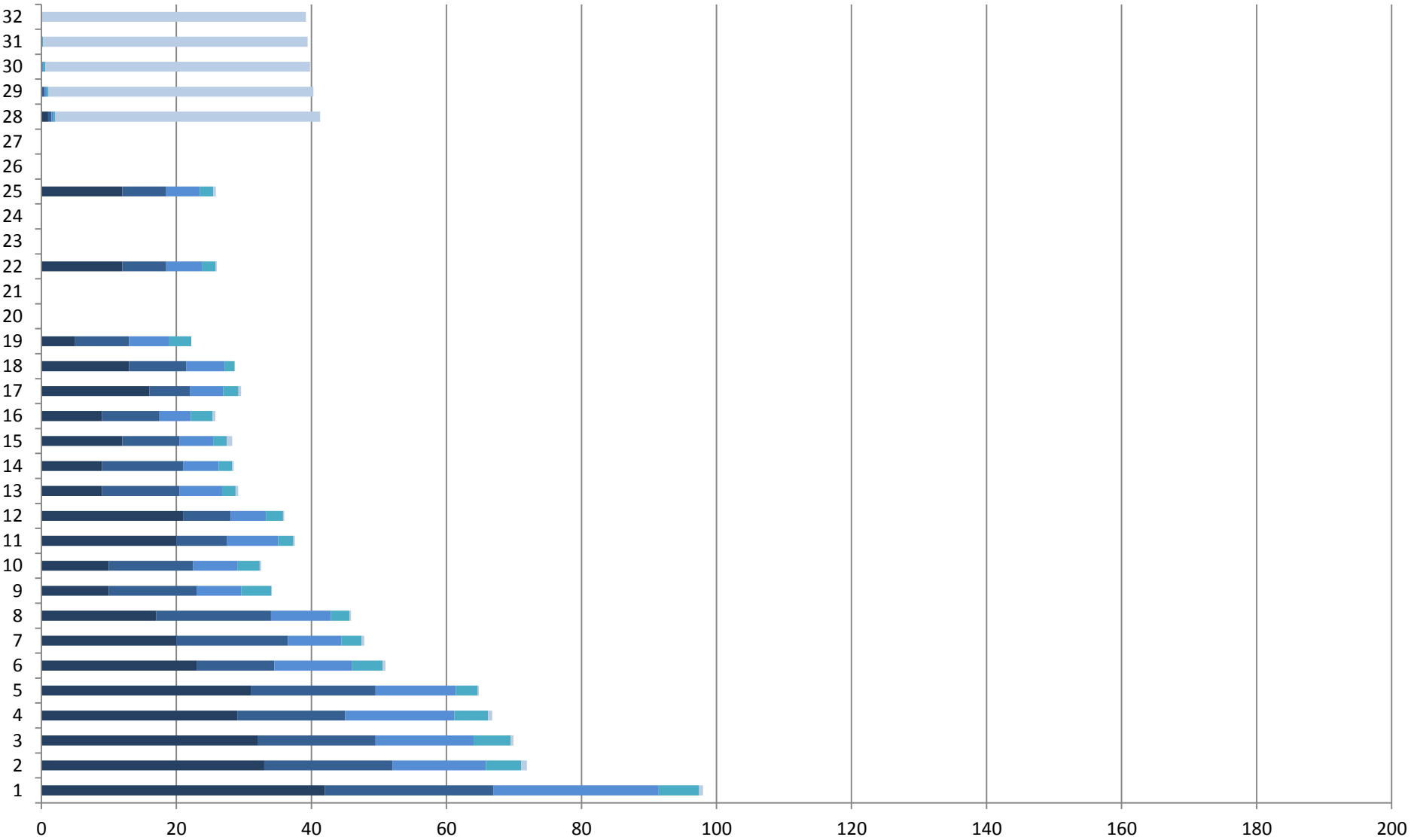
2013 Best Novel Point Totals – Round 6



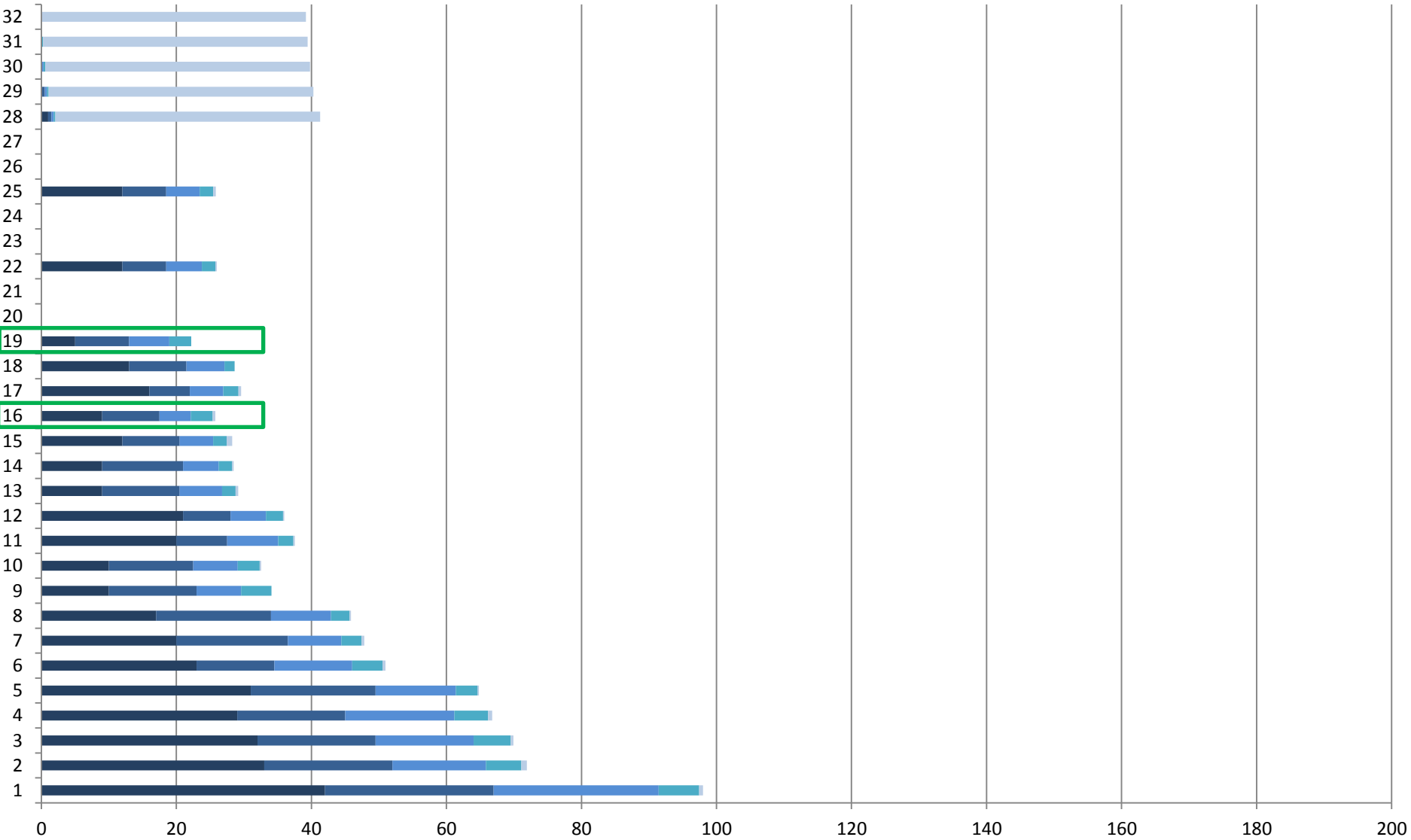
2013 Best Novel Point Totals – Round 6



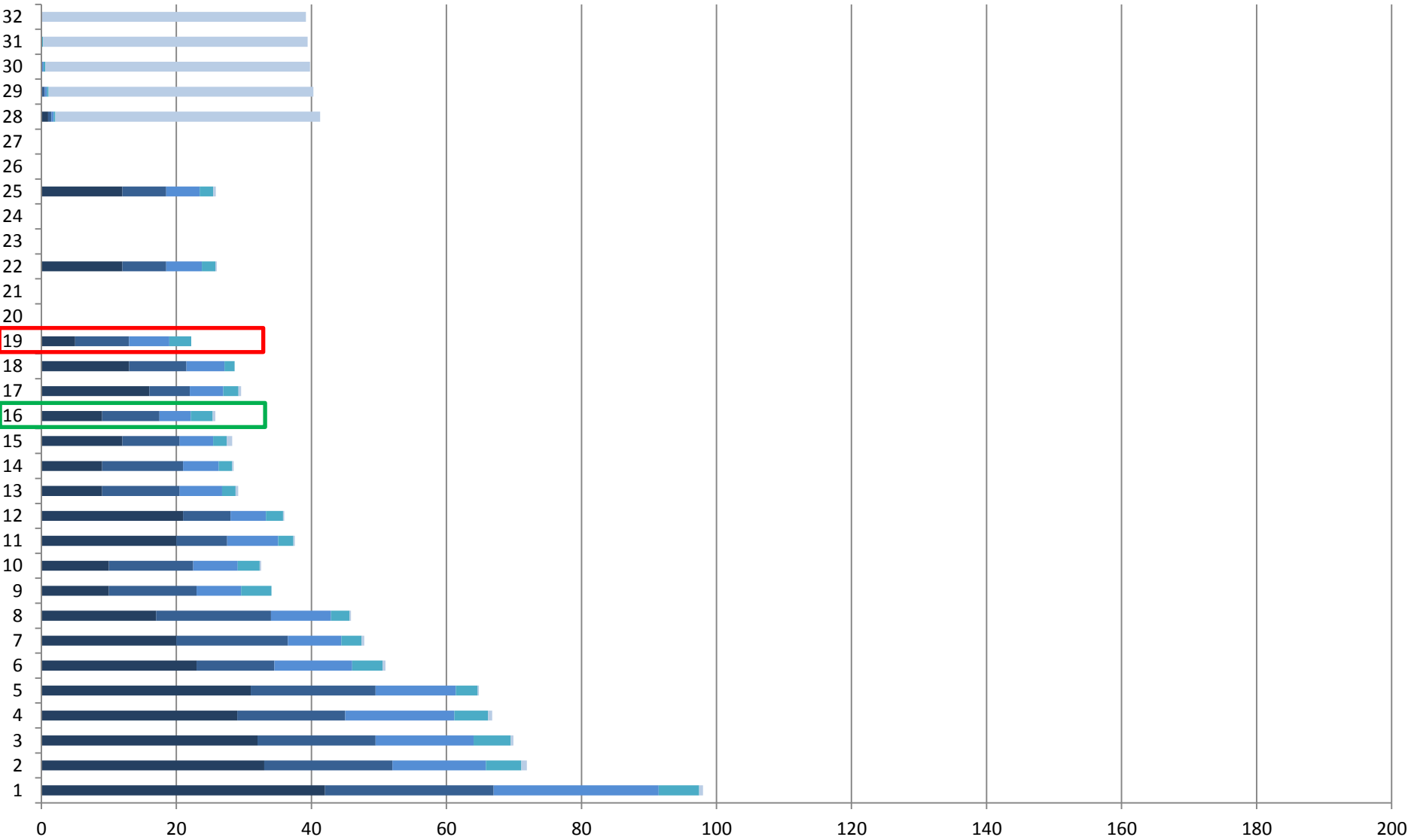
2013 Best Novel Point Totals – Round 7



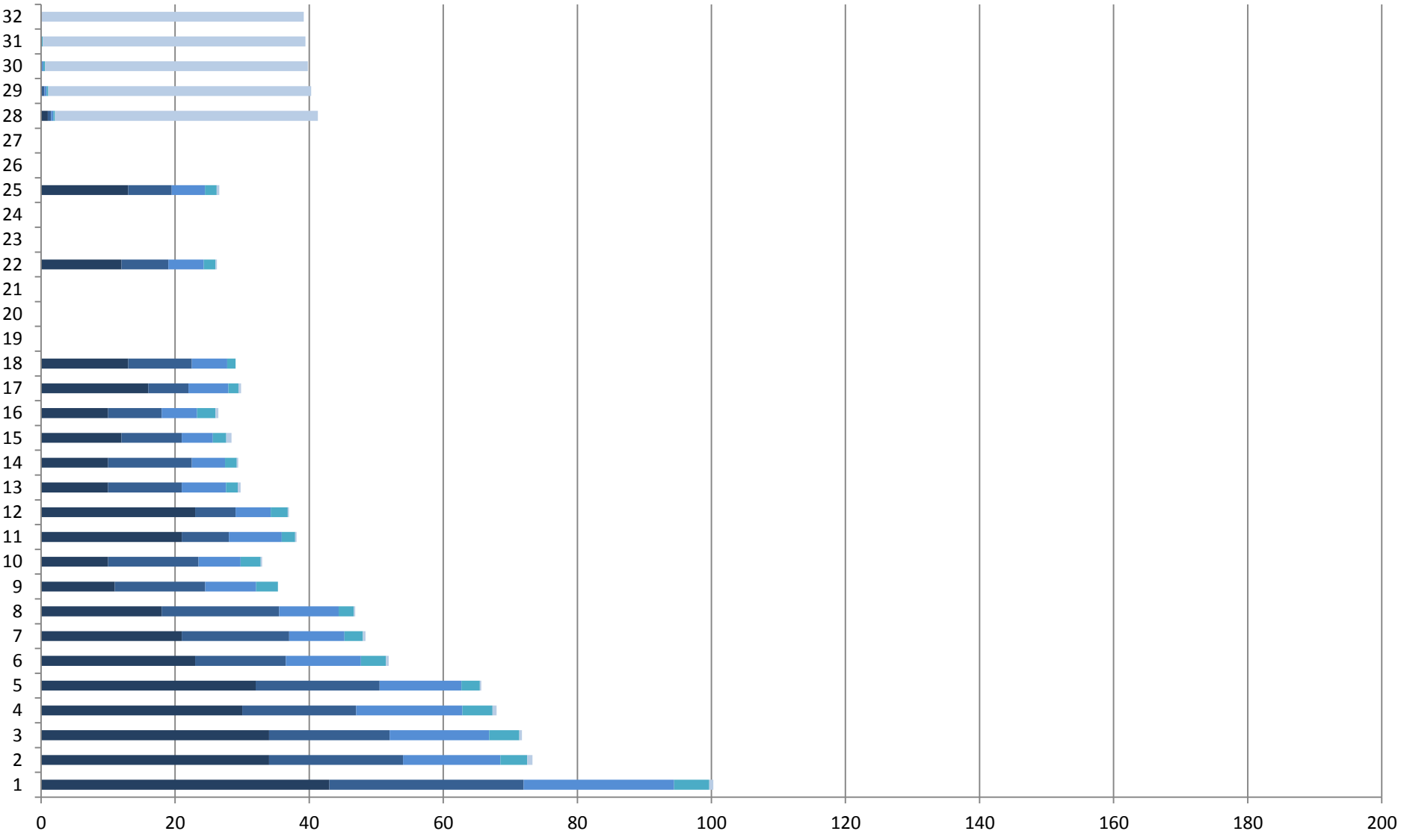
2013 Best Novel Point Totals – Round 7



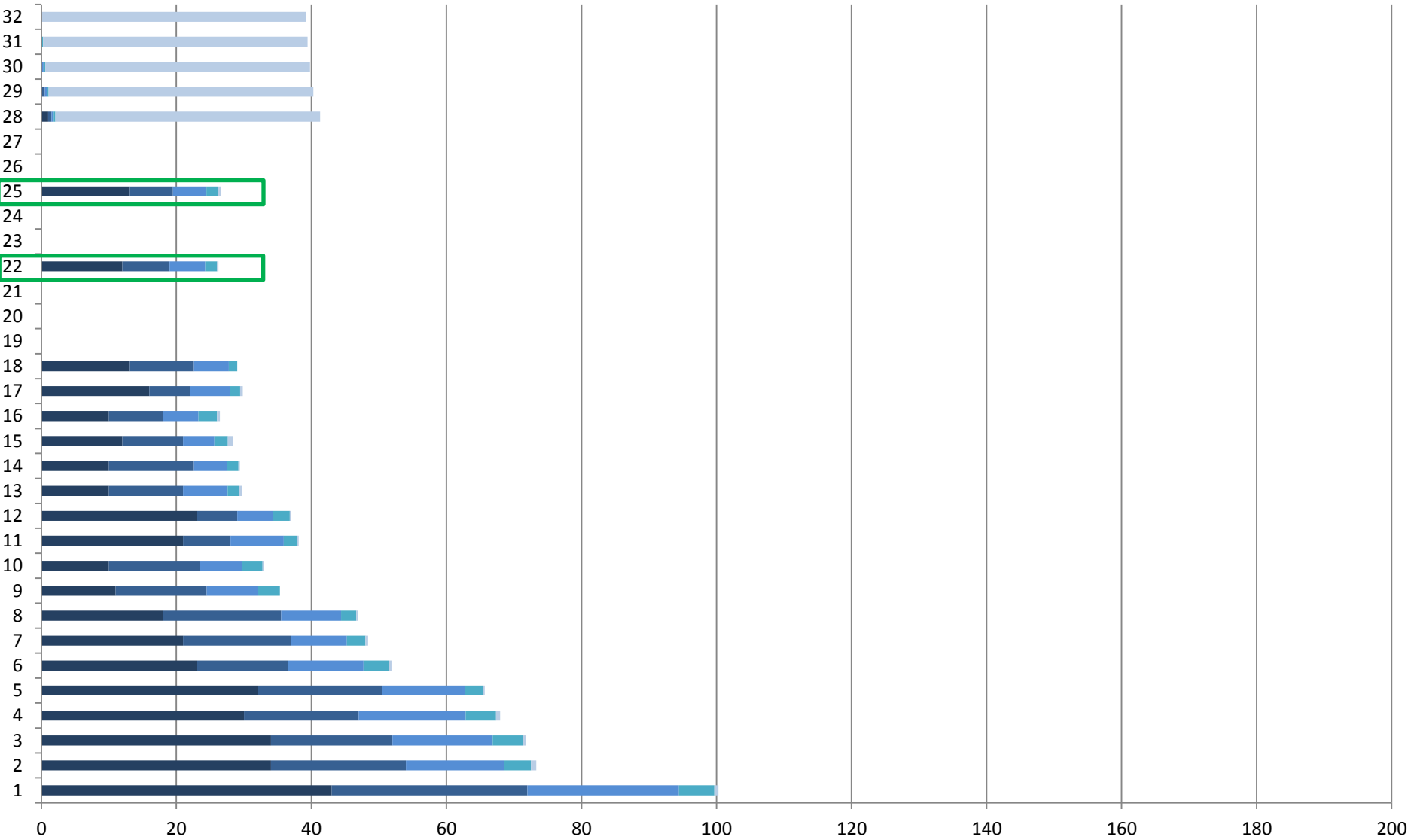
2013 Best Novel Point Totals – Round 7



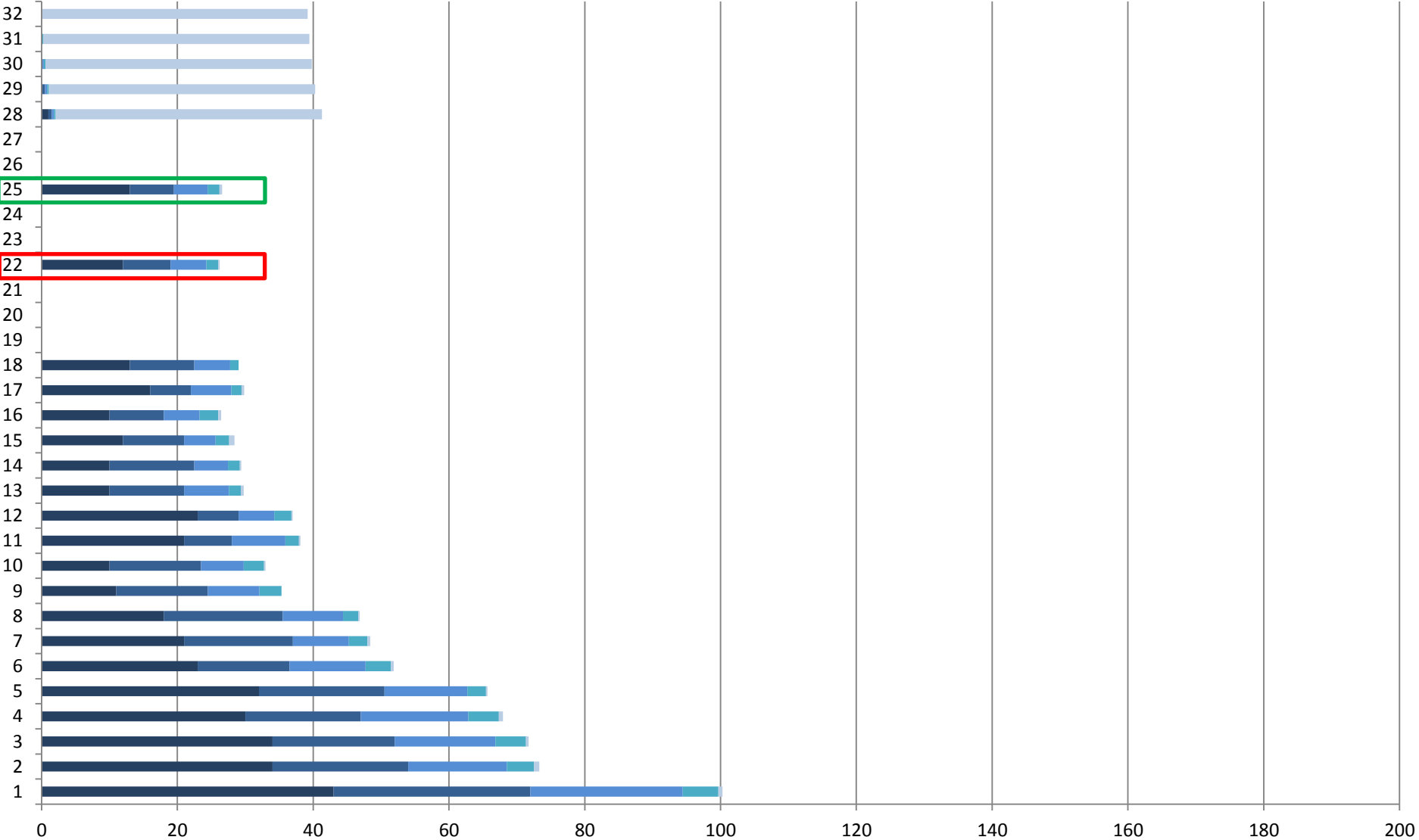
2013 Best Novel Point Totals – Round 8



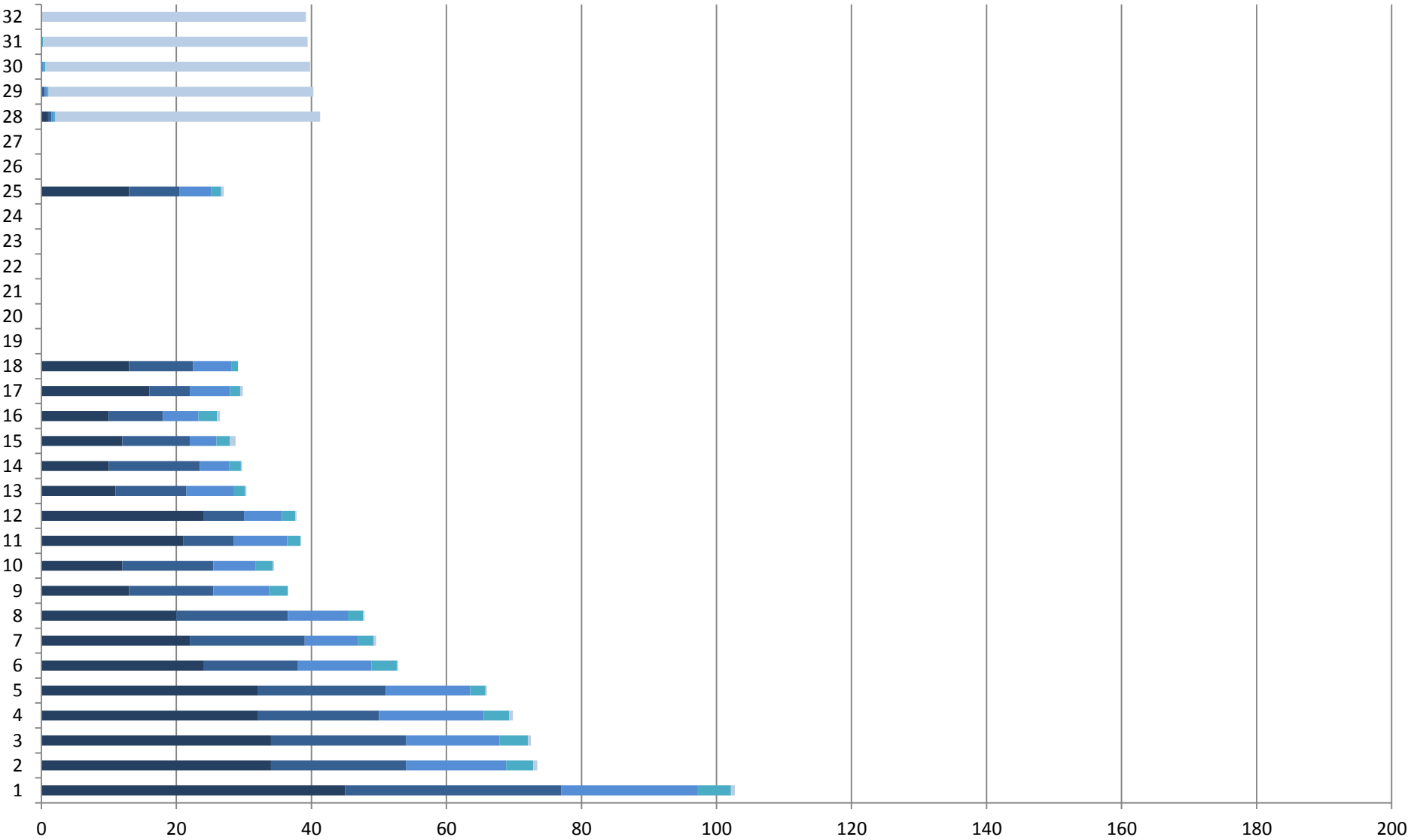
2013 Best Novel Point Totals – Round 8



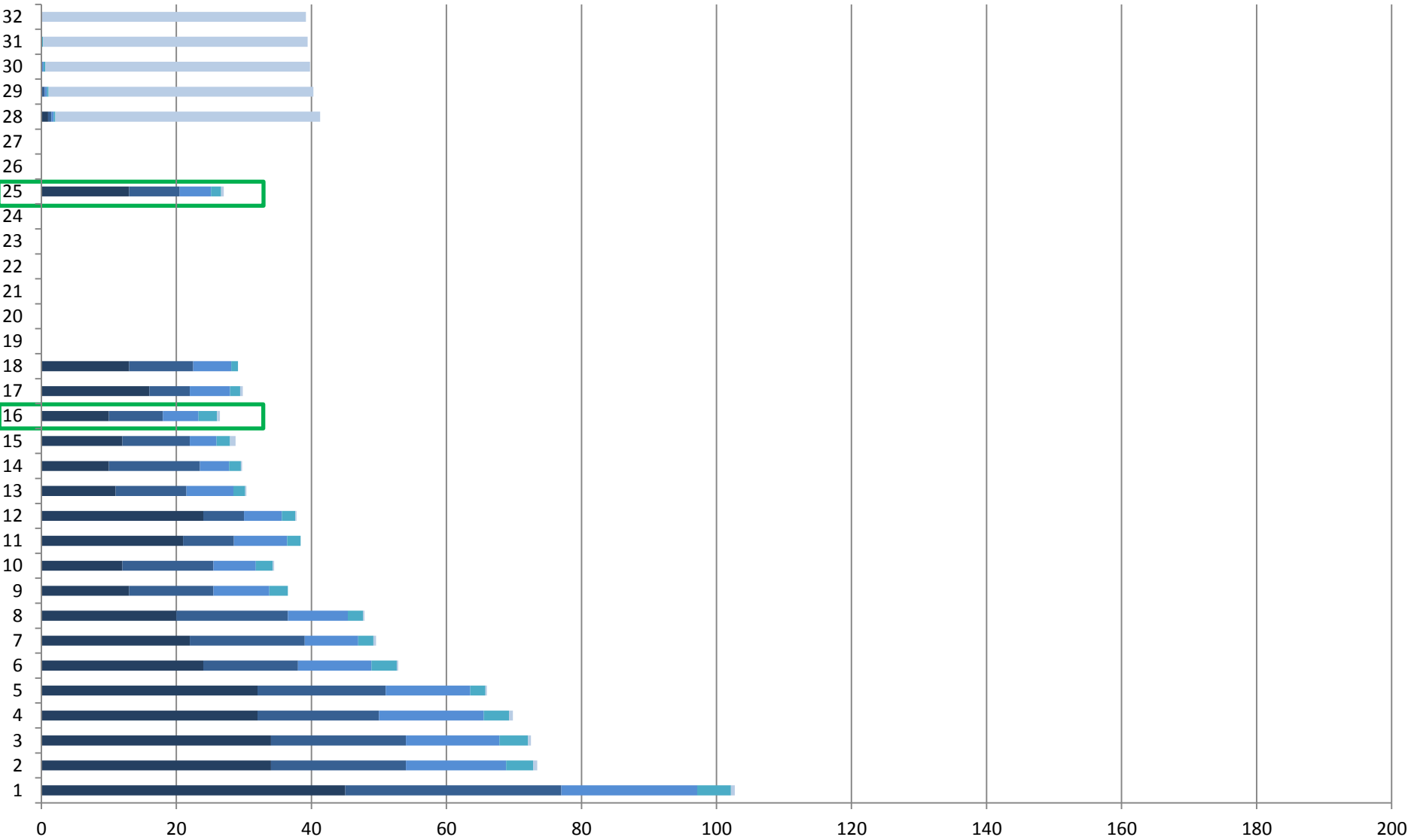
2013 Best Novel Point Totals – Round 8



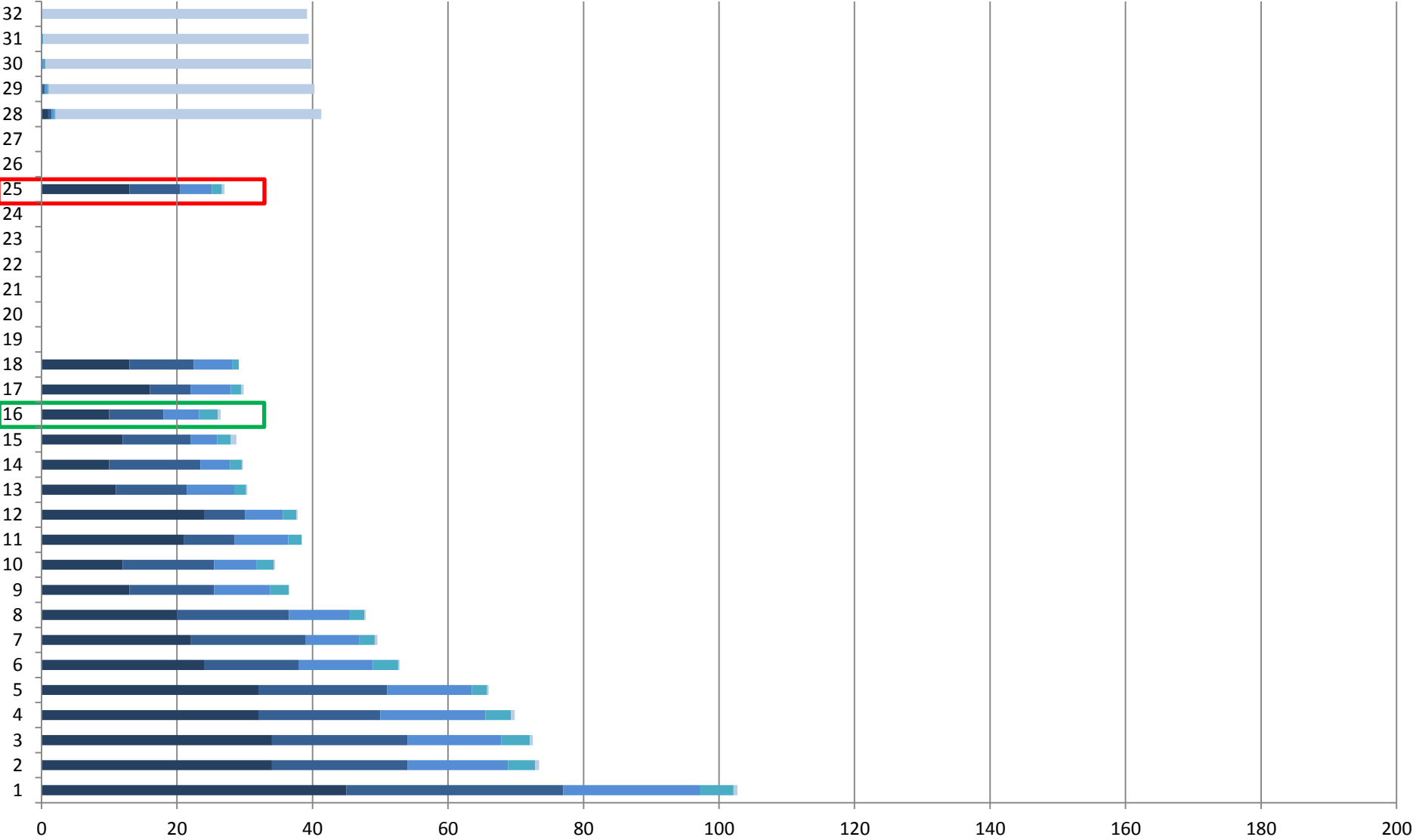
2013 Best Novel Point Totals – Round 9



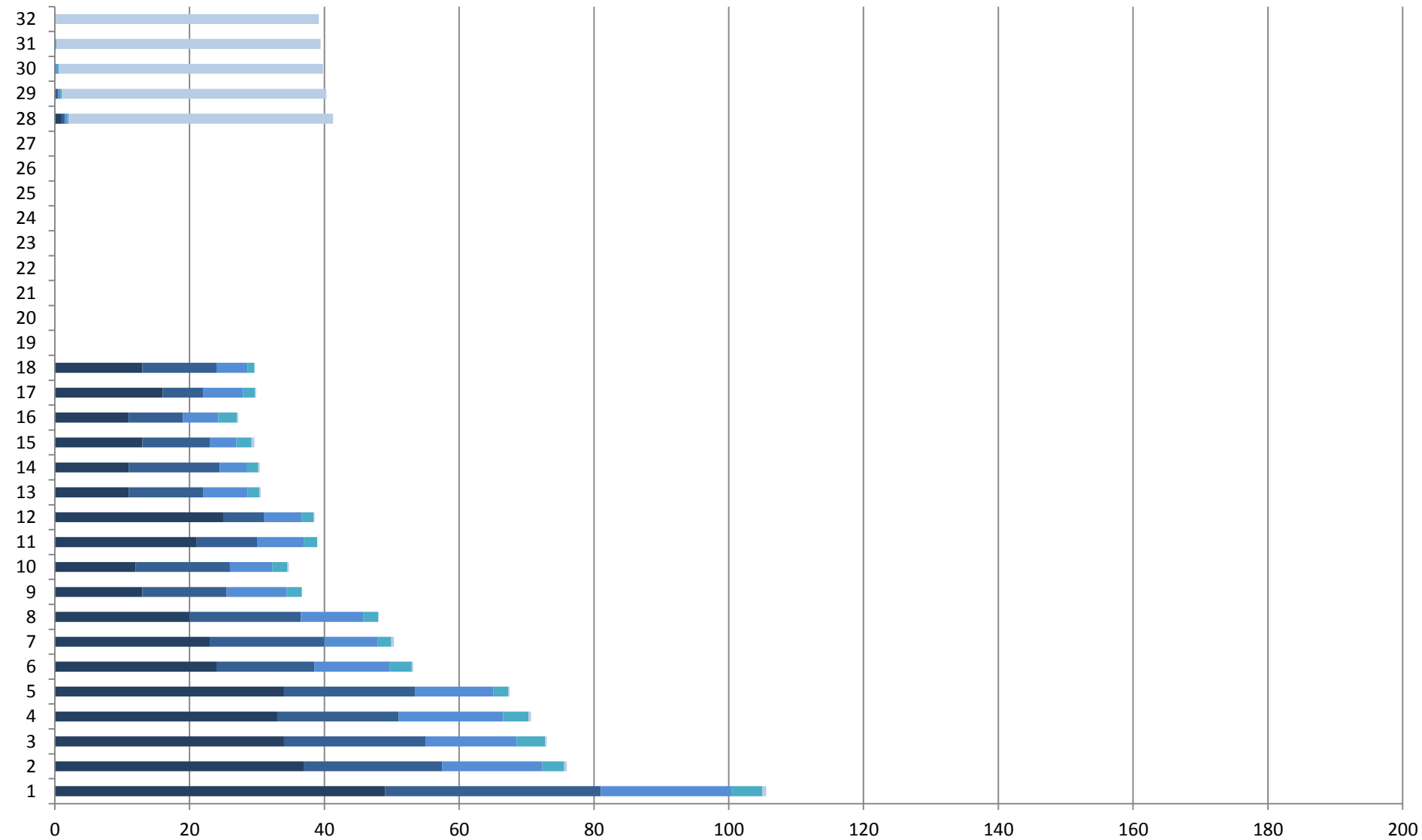
2013 Best Novel Point Totals – Round 9



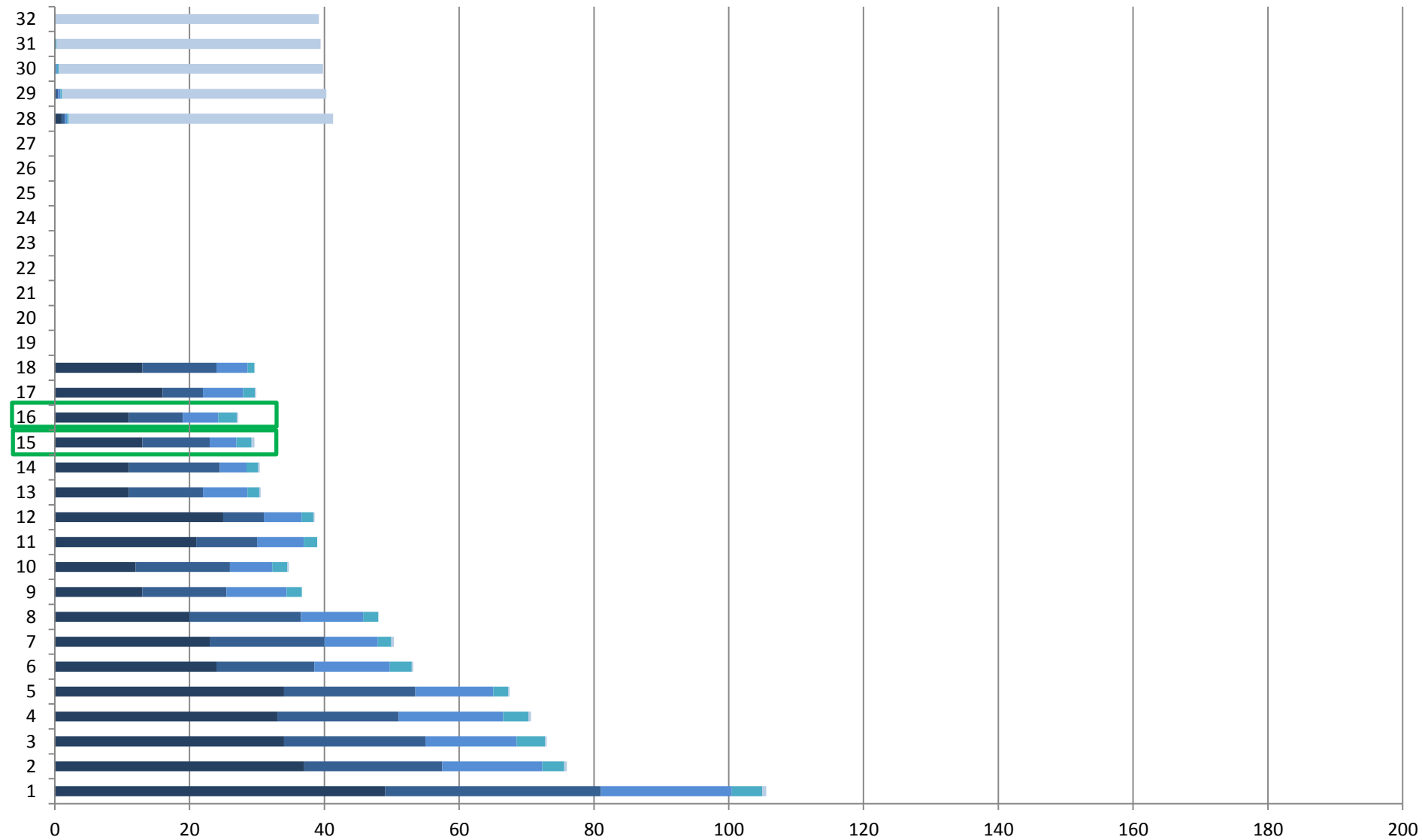
2013 Best Novel Point Totals – Round 9



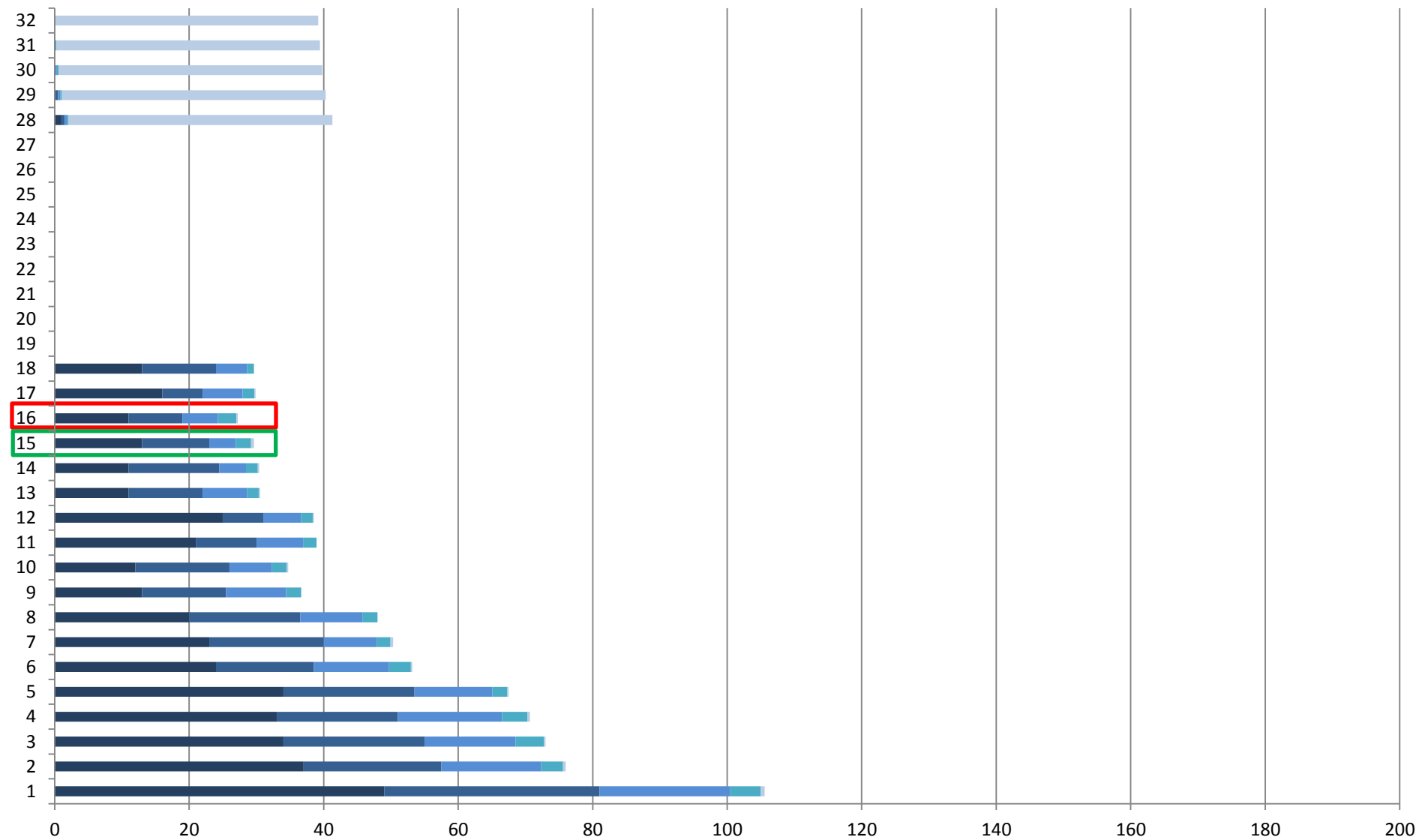
2013 Best Novel Point Totals – Round 10



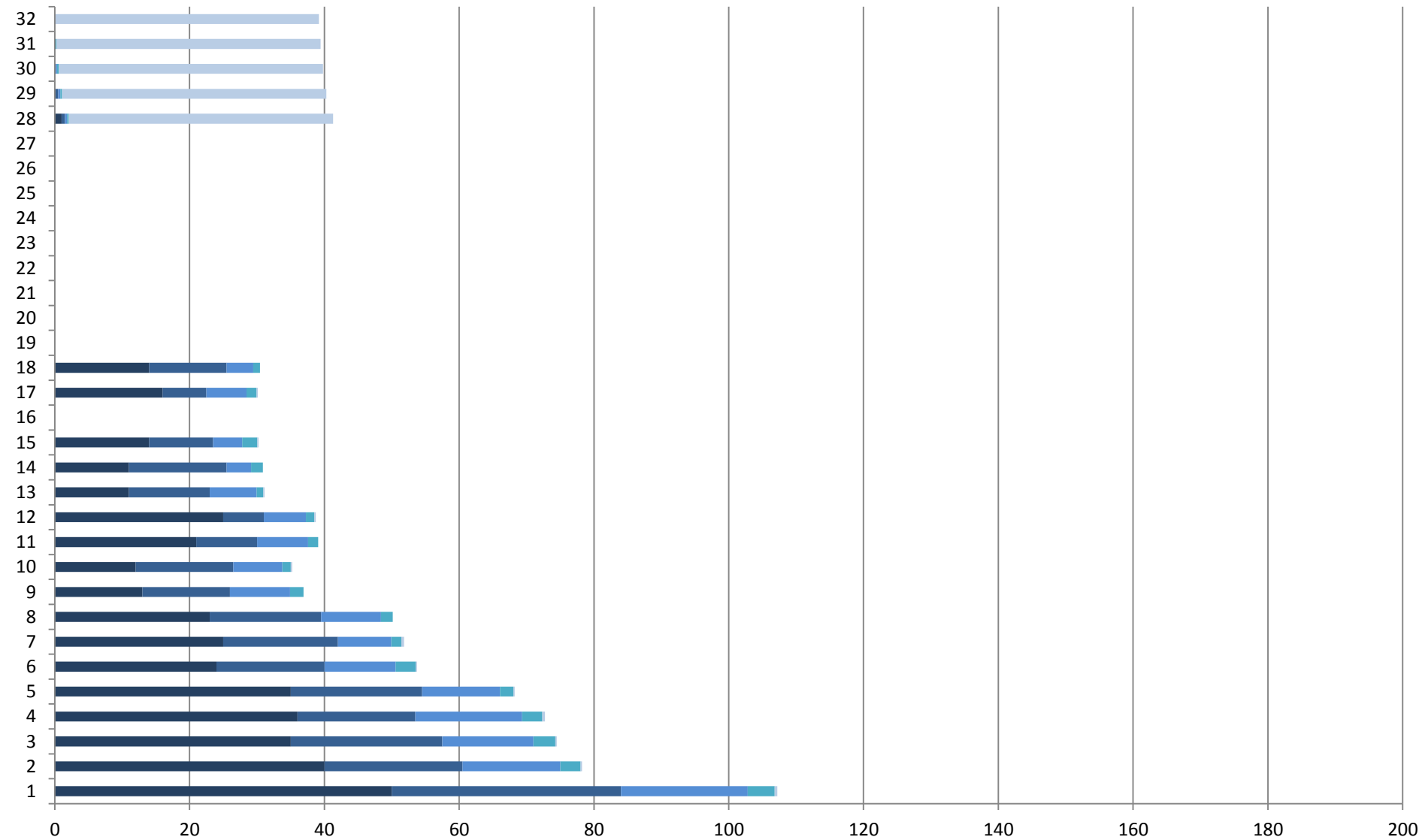
2013 Best Novel Point Totals – Round 10



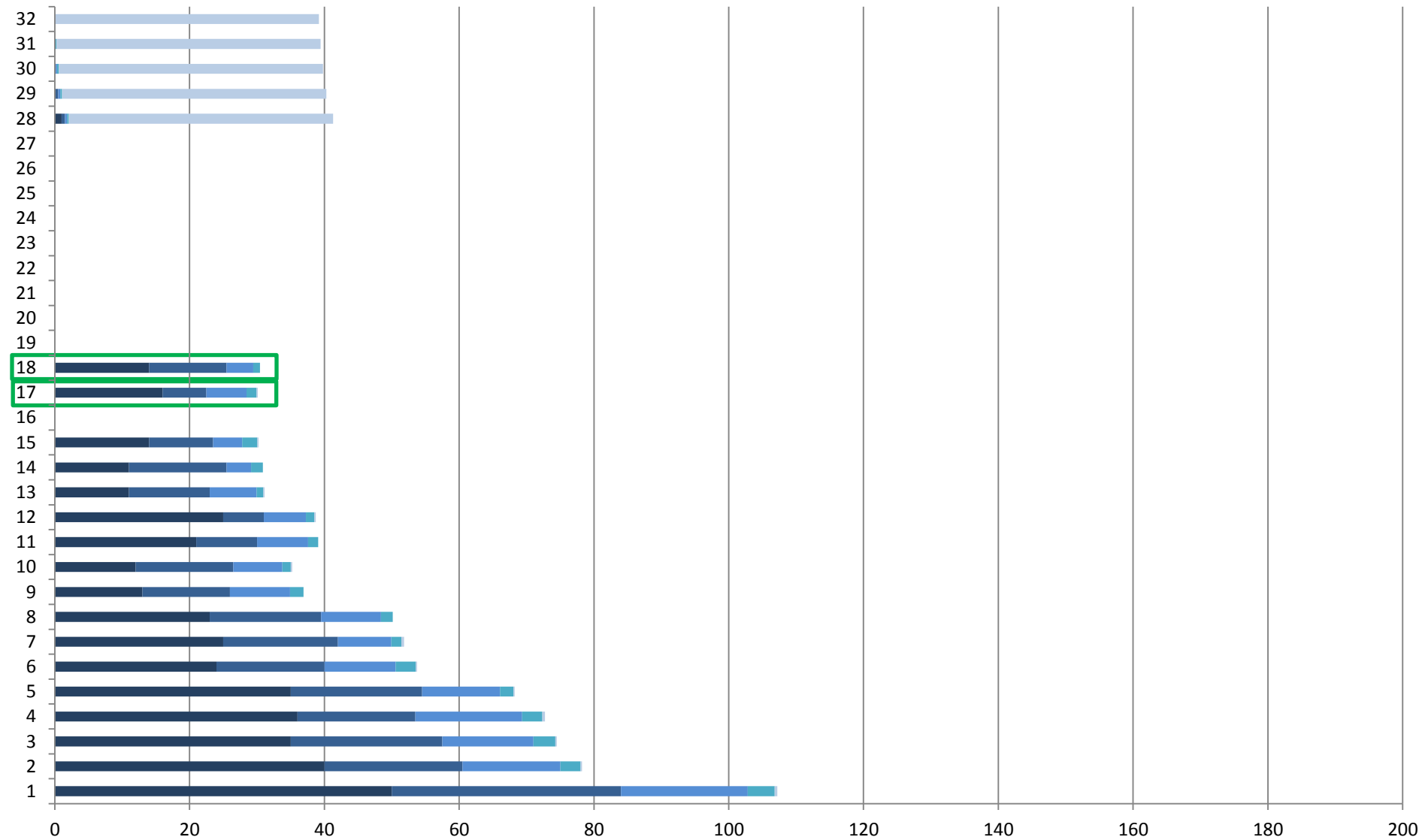
2013 Best Novel Point Totals – Round 10



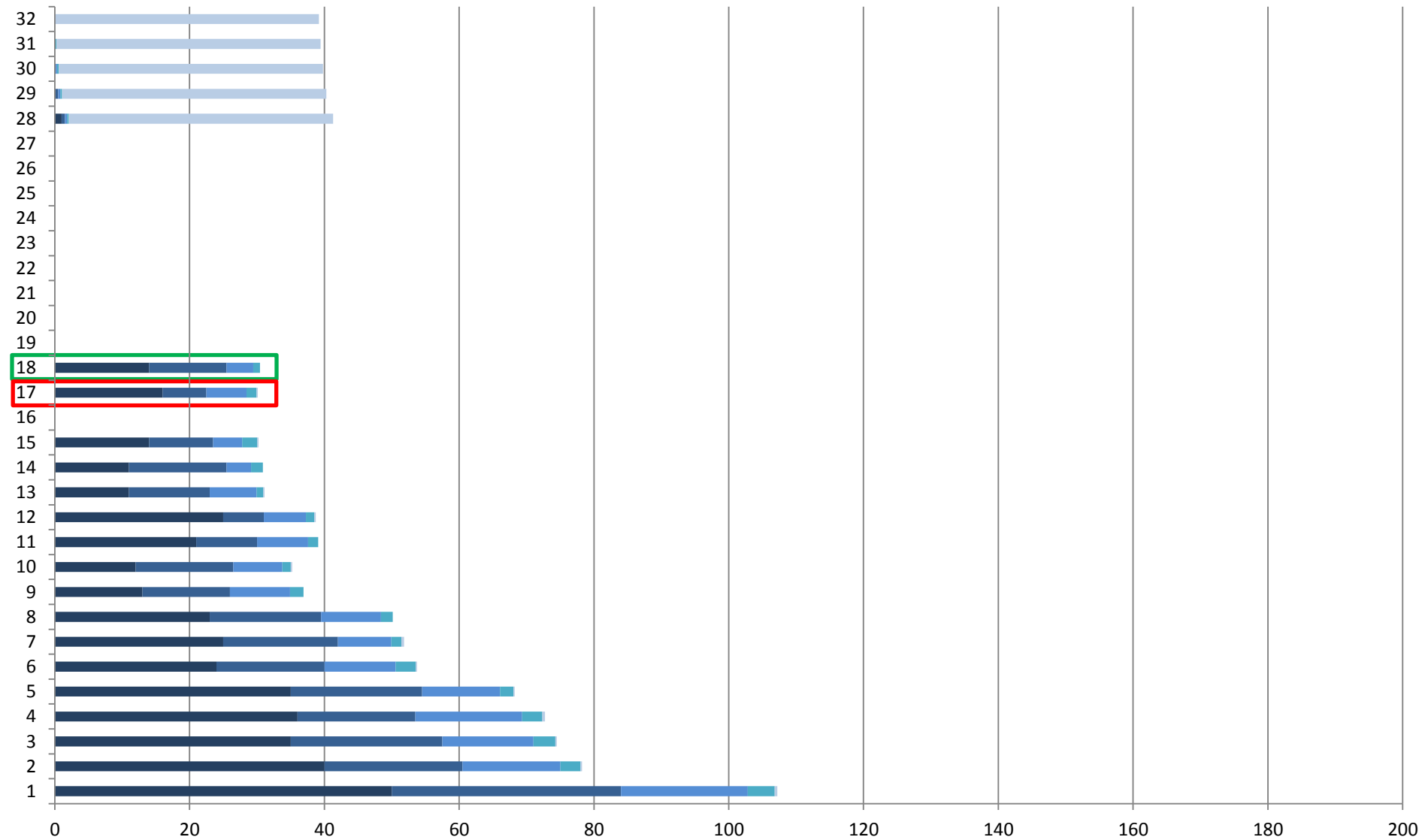
2013 Best Novel Point Totals – Round 11



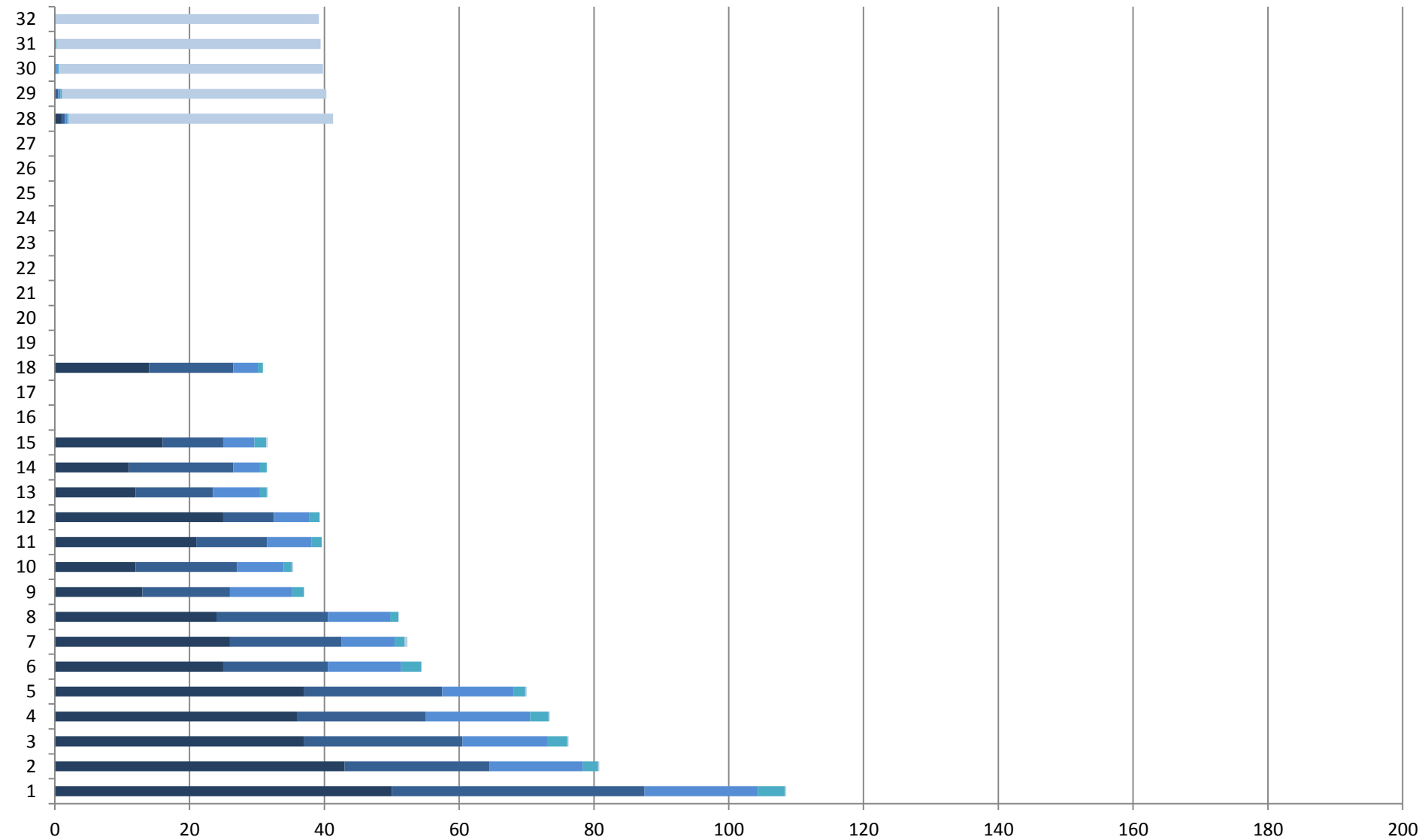
2013 Best Novel Point Totals – Round 11



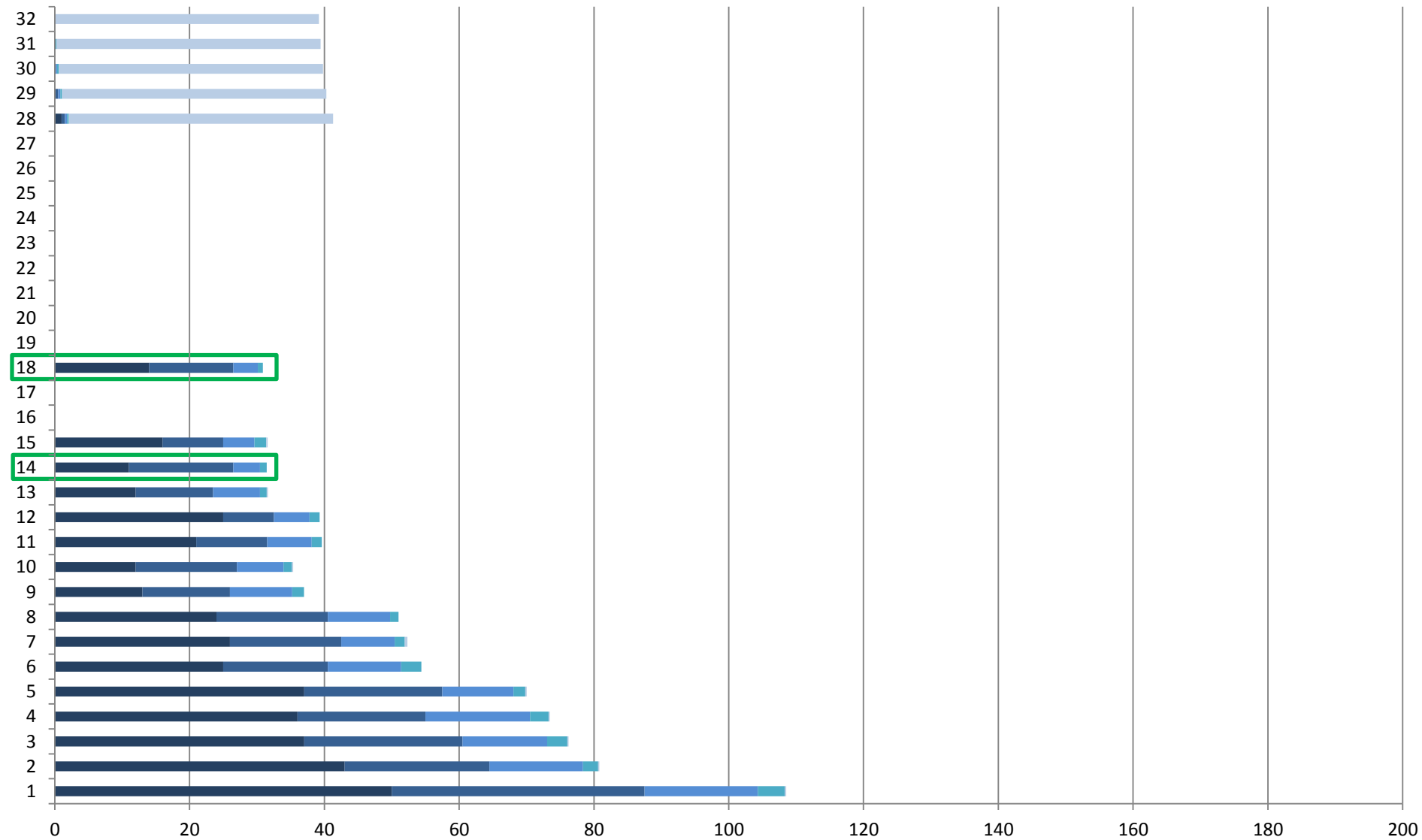
2013 Best Novel Point Totals – Round 11



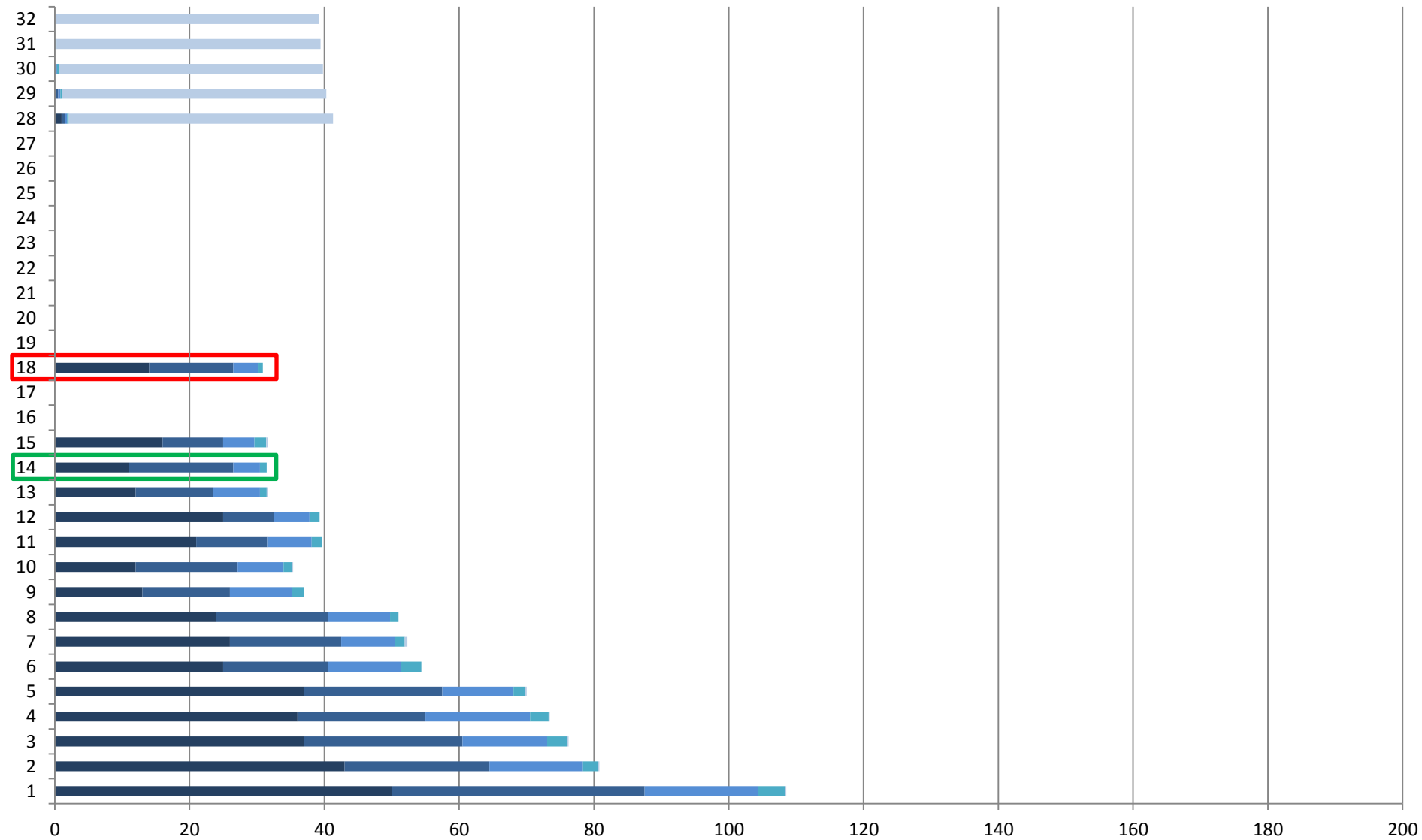
2013 Best Novel Point Totals – Round 12



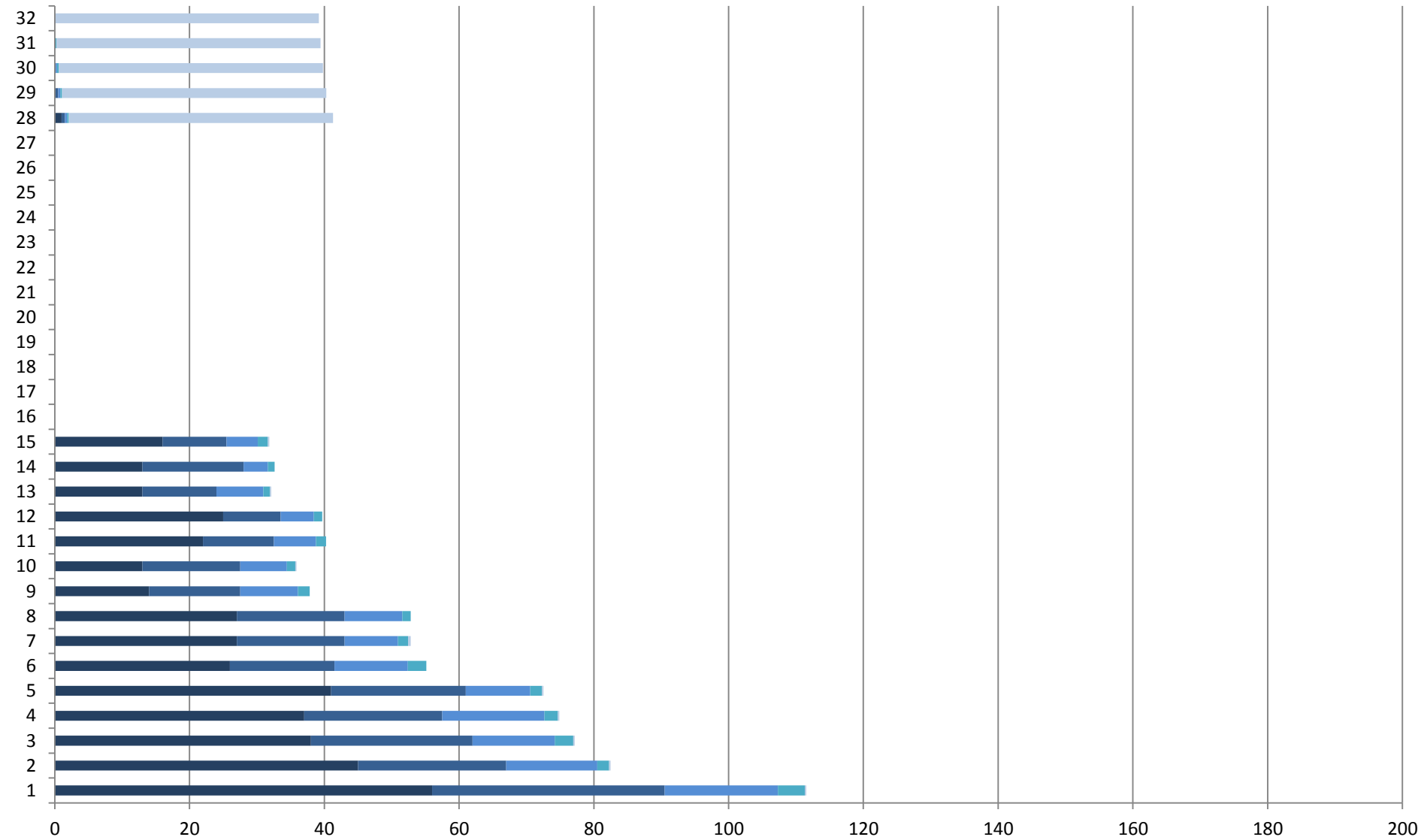
2013 Best Novel Point Totals – Round 12



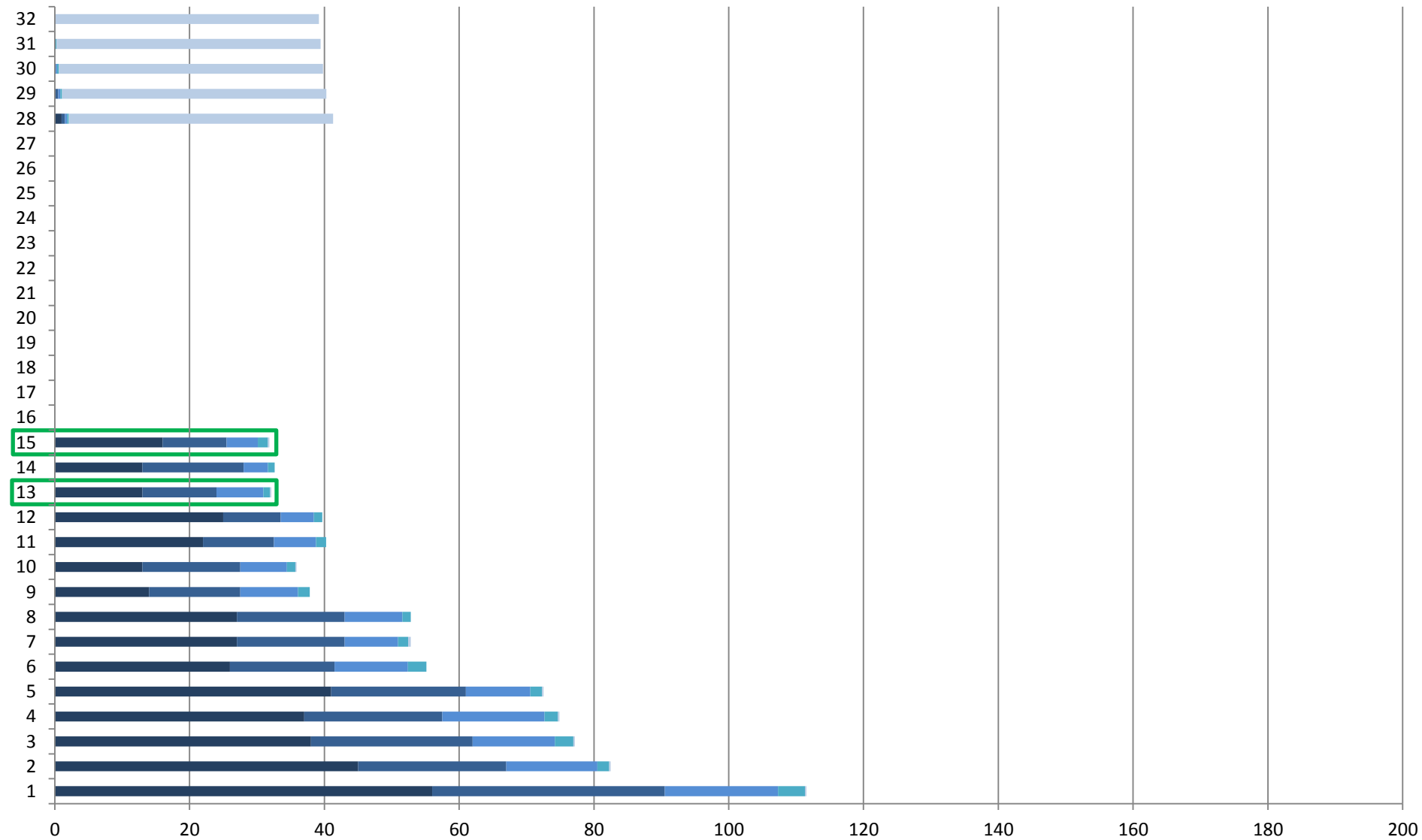
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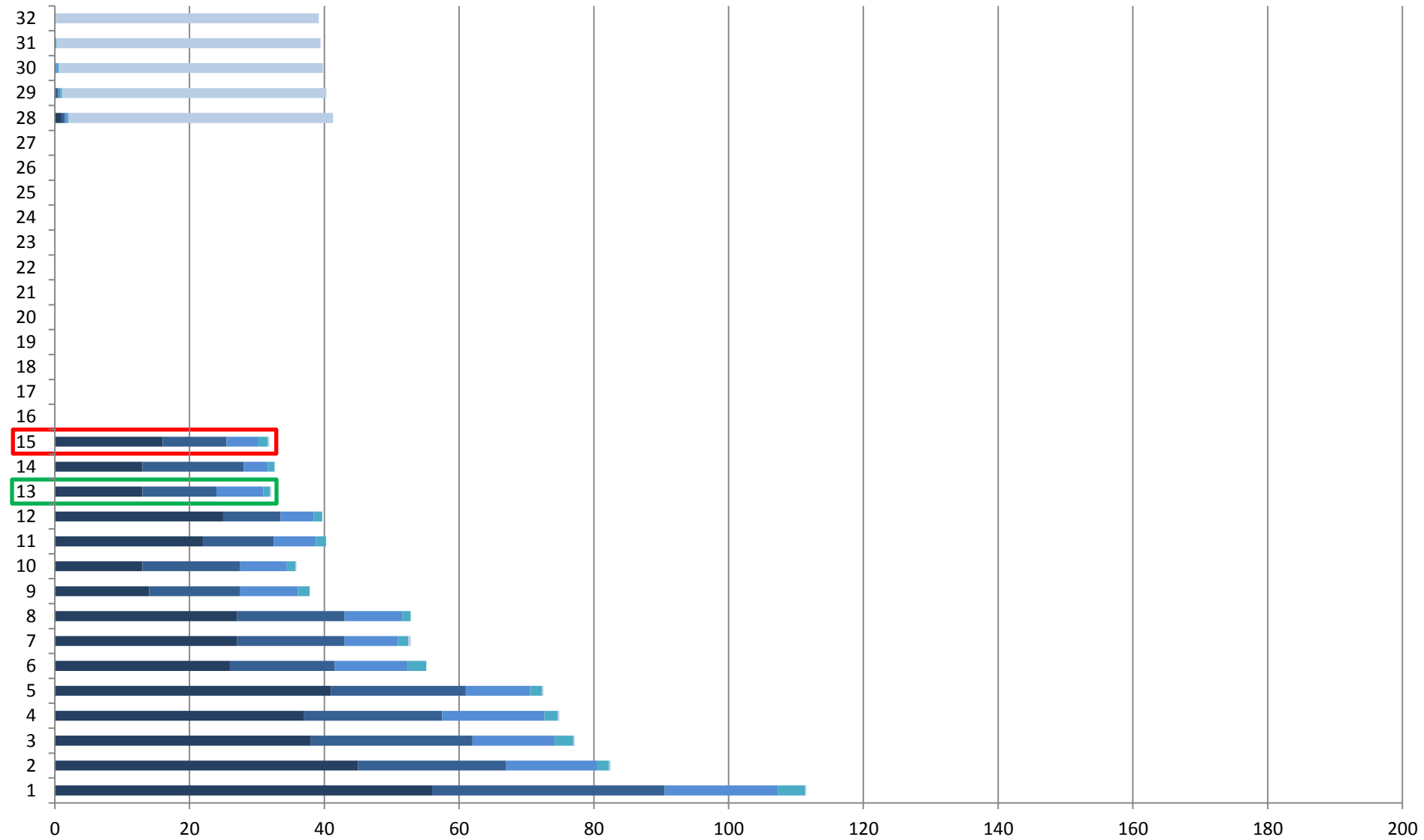
2013 Best Novel Point Totals – Round 13



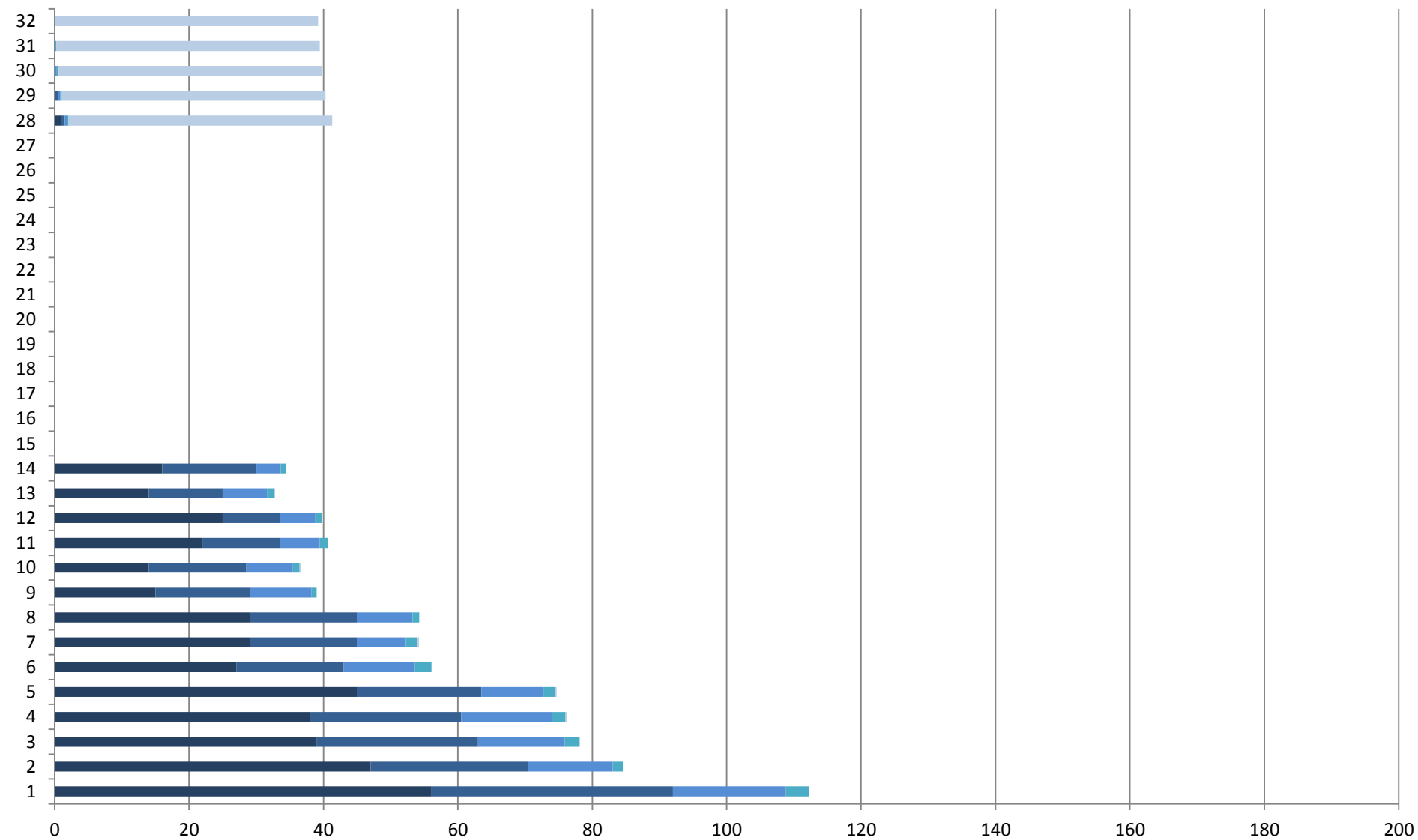
2013 Best Novel Point Totals – Round 13



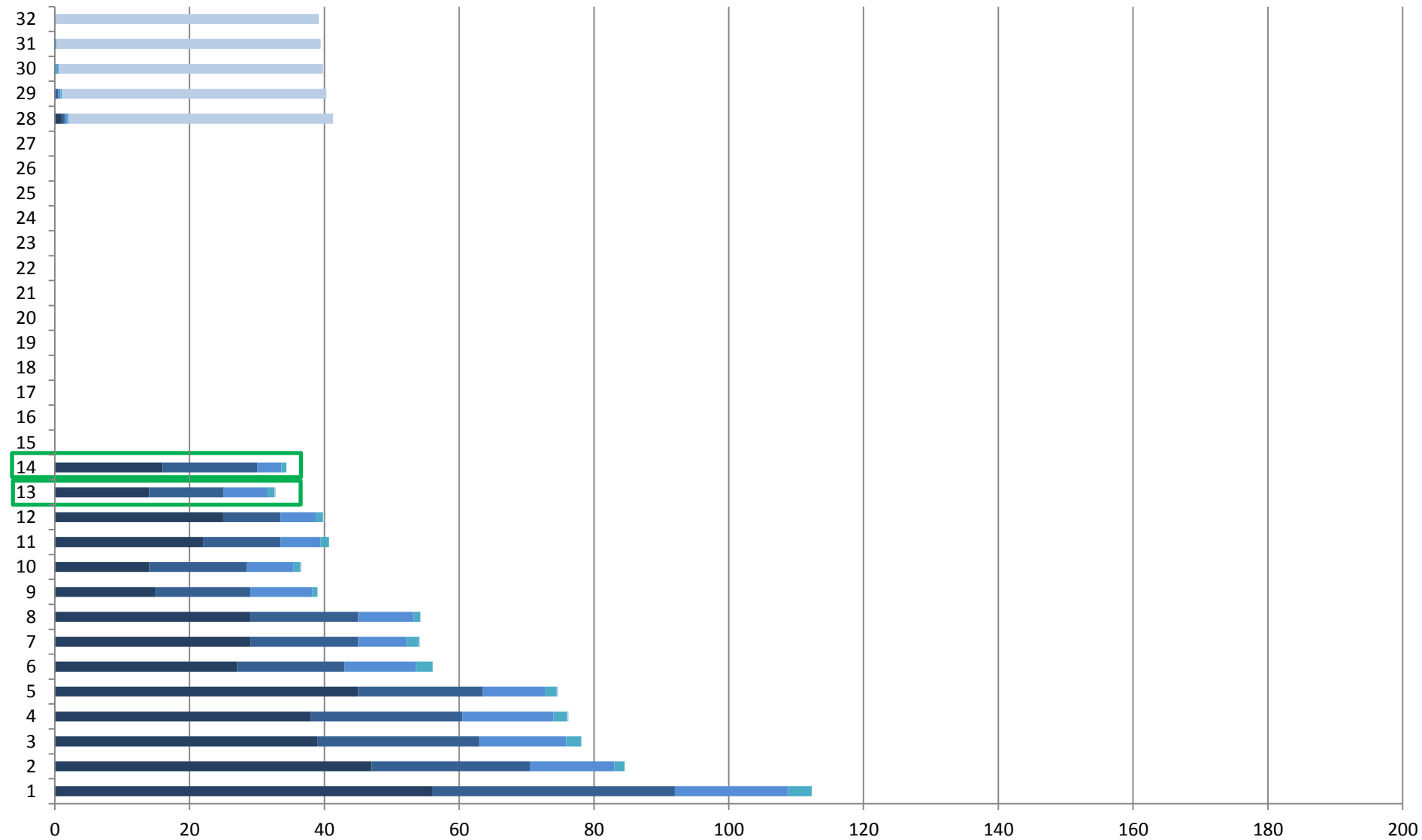
2013 Best Novel Point Totals – Round 13



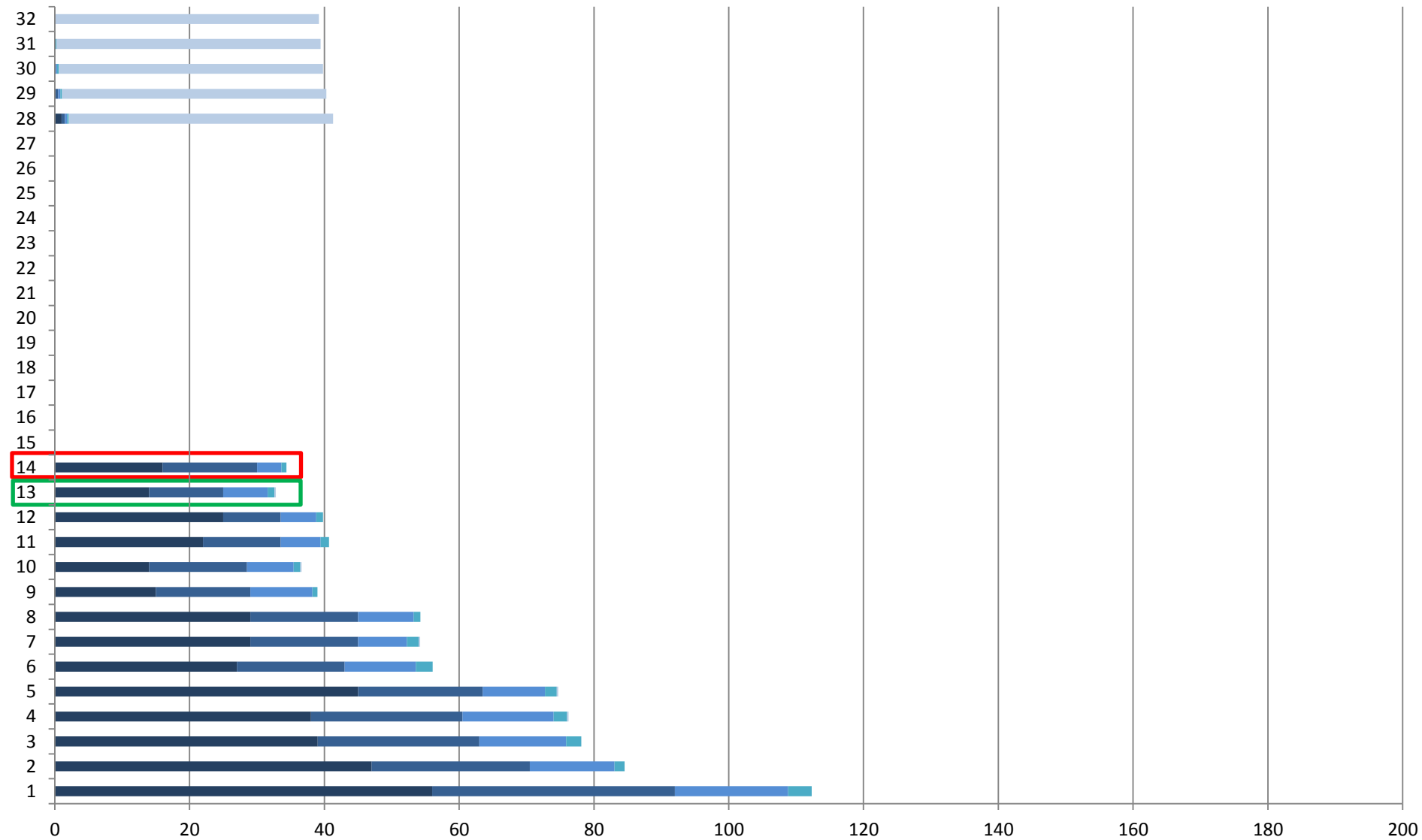
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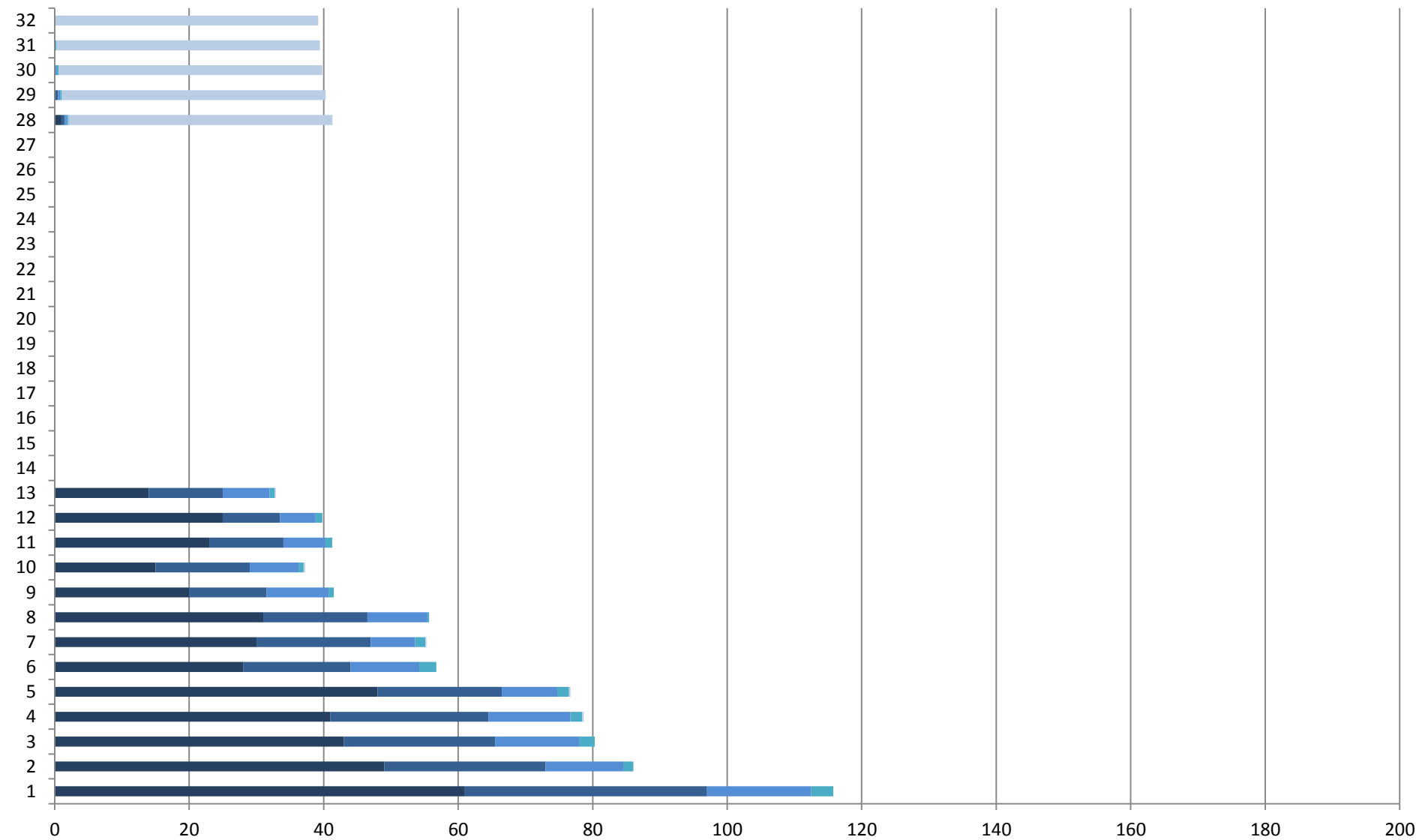
2013 Best Novel Point Totals – Round 14



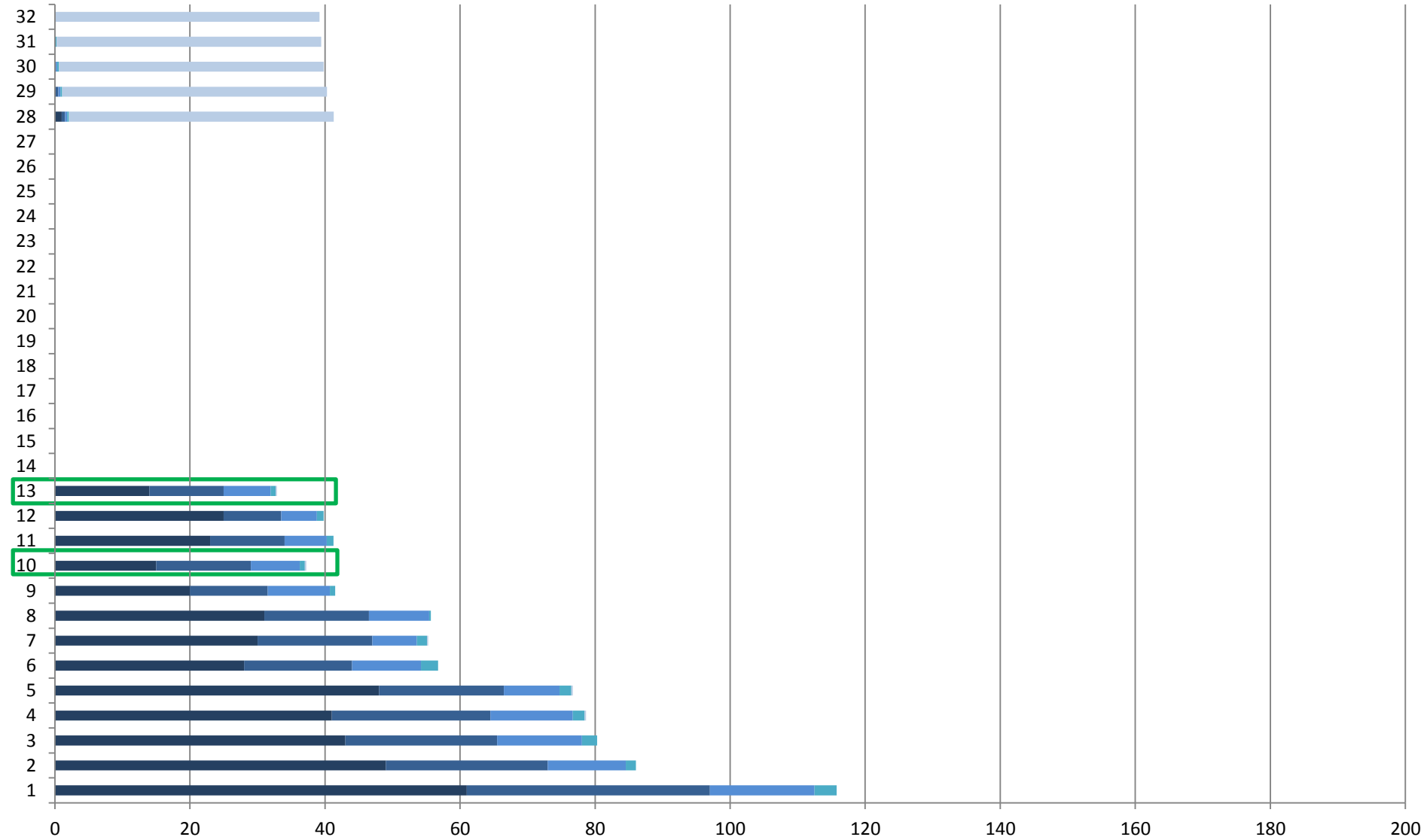
2013 Best Novel Point Totals – Round 14



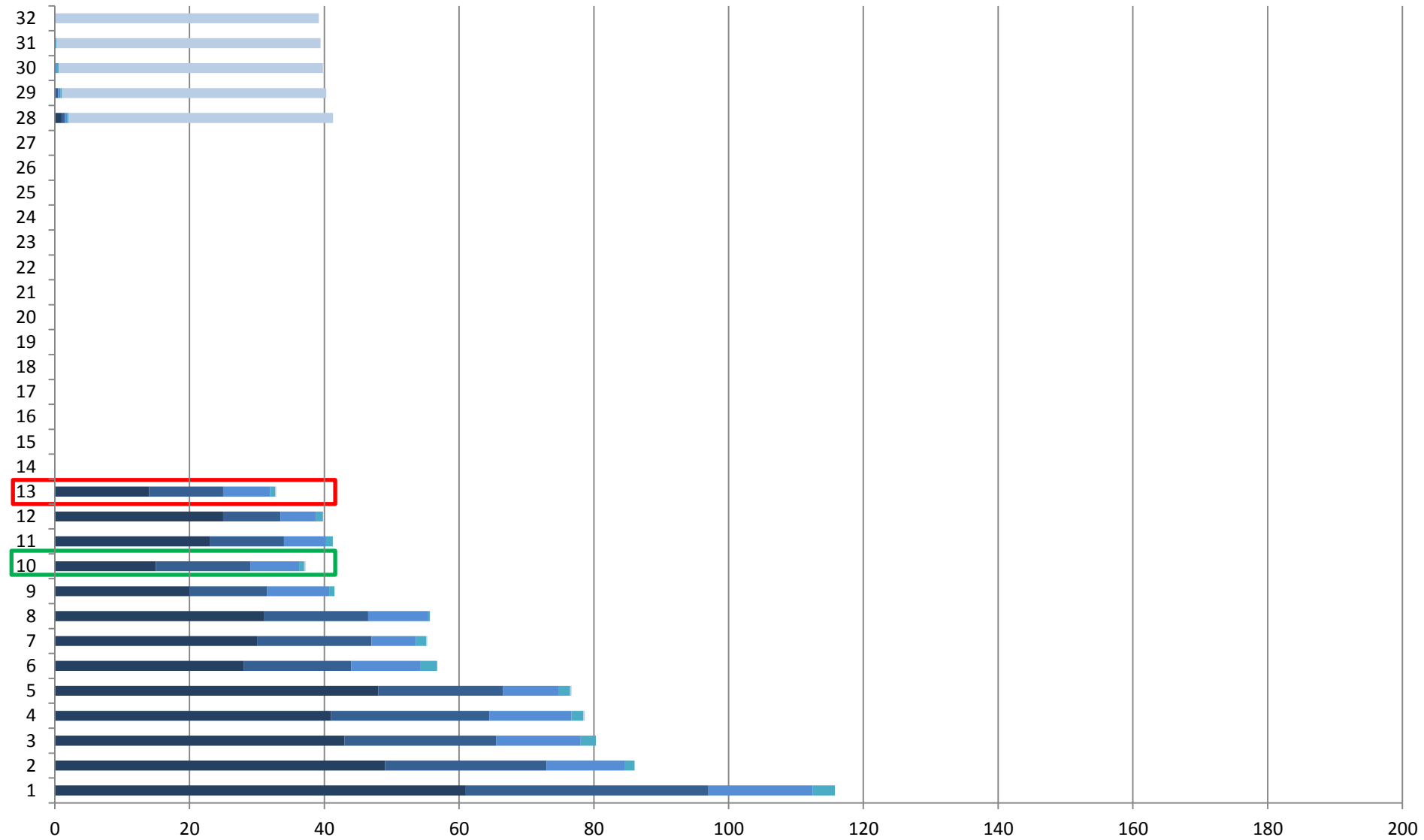
2013 Best Novel Point Totals – Round 15



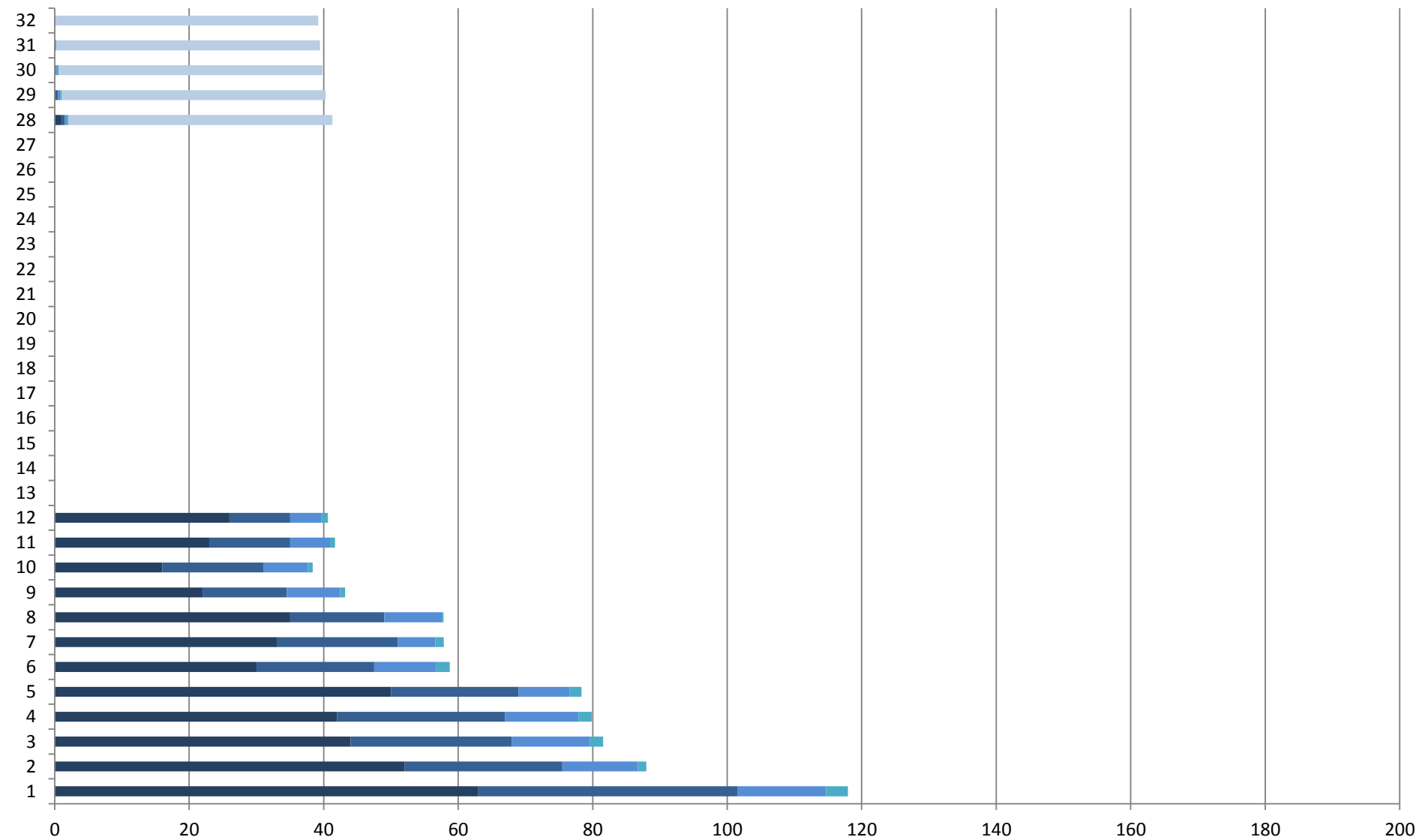
2013 Best Novel Point Totals – Round 15



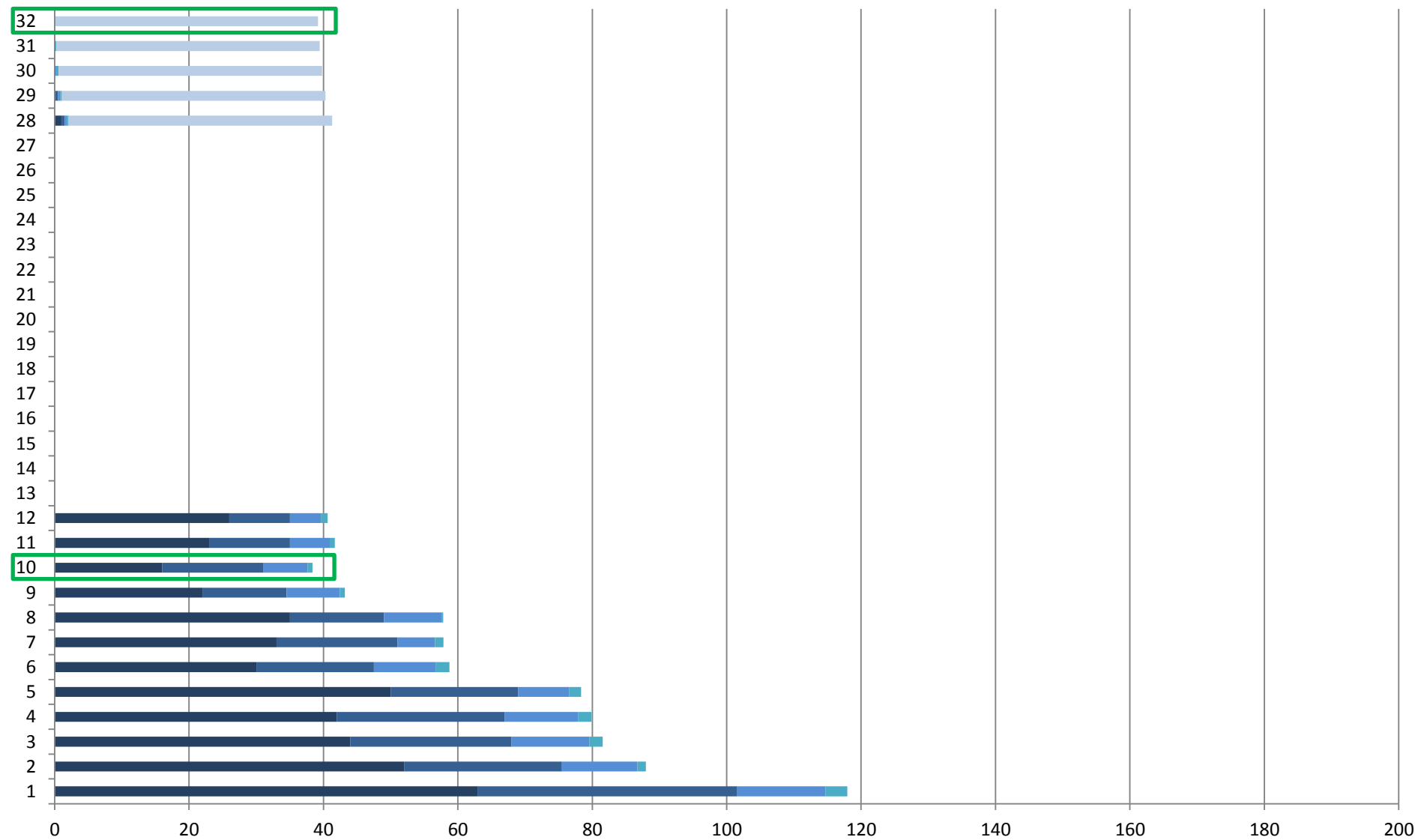
2013 Best Novel Point Totals – Round 15



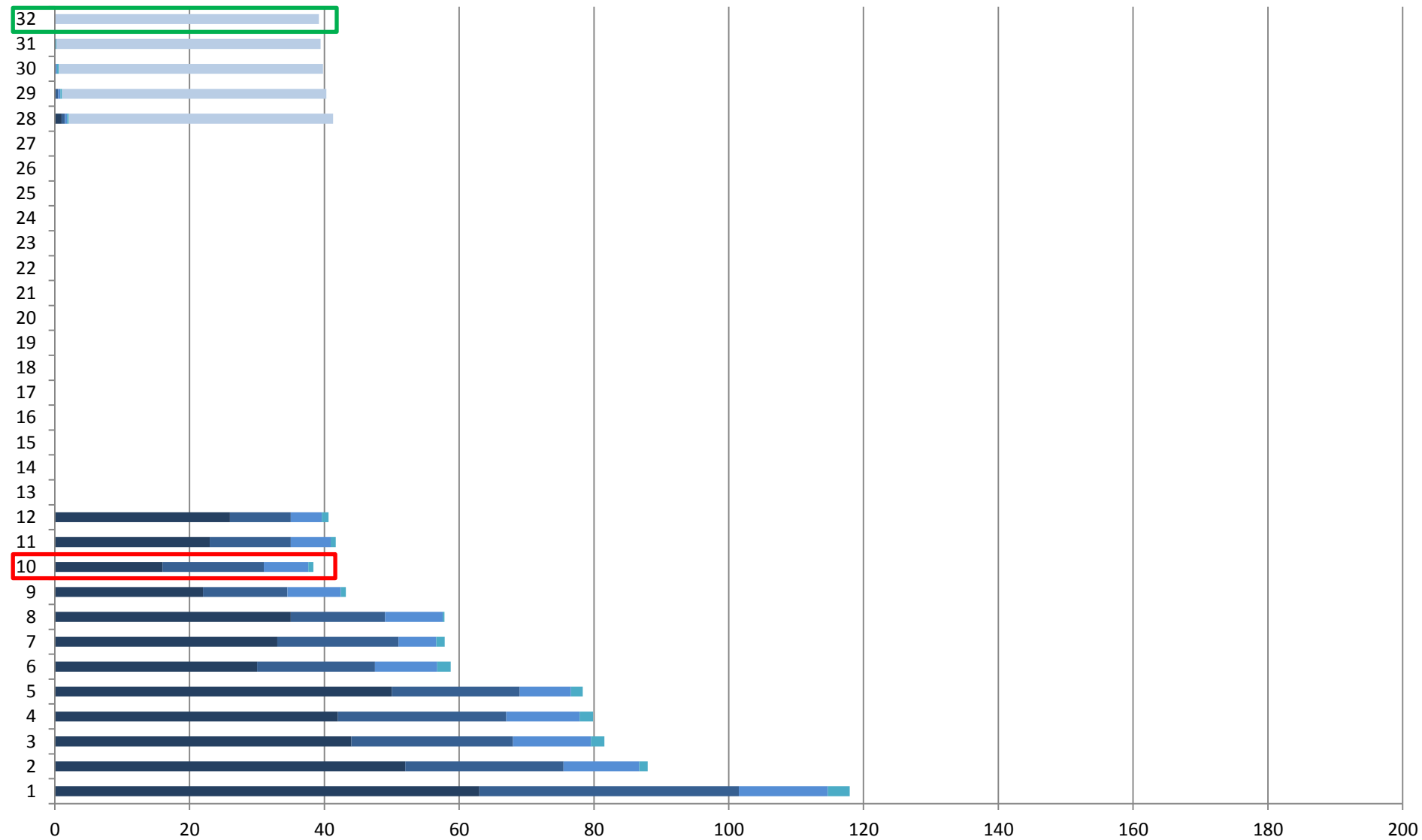
2013 Best Novel Point Totals – Round 16



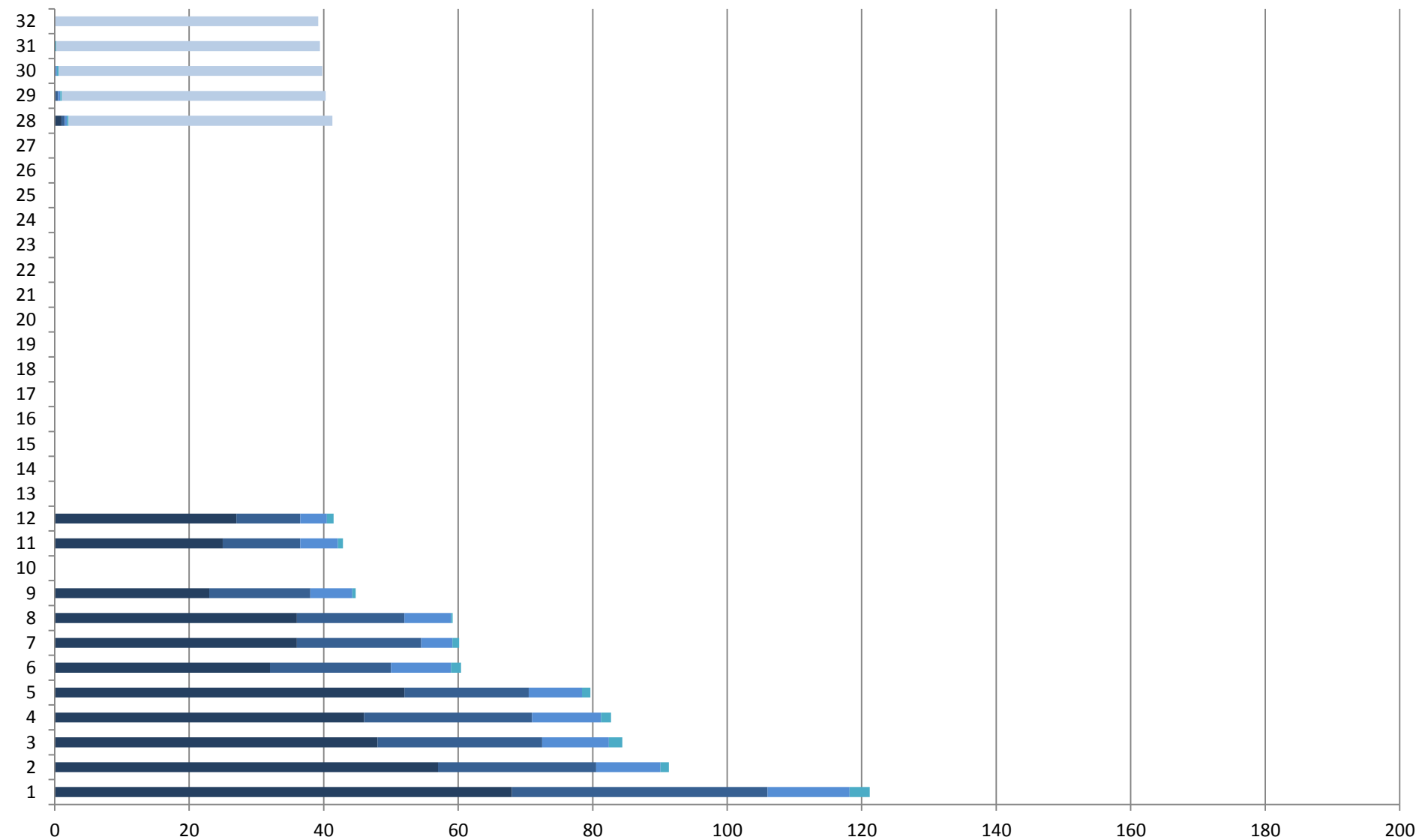
2013 Best Novel Point Totals – Round 16



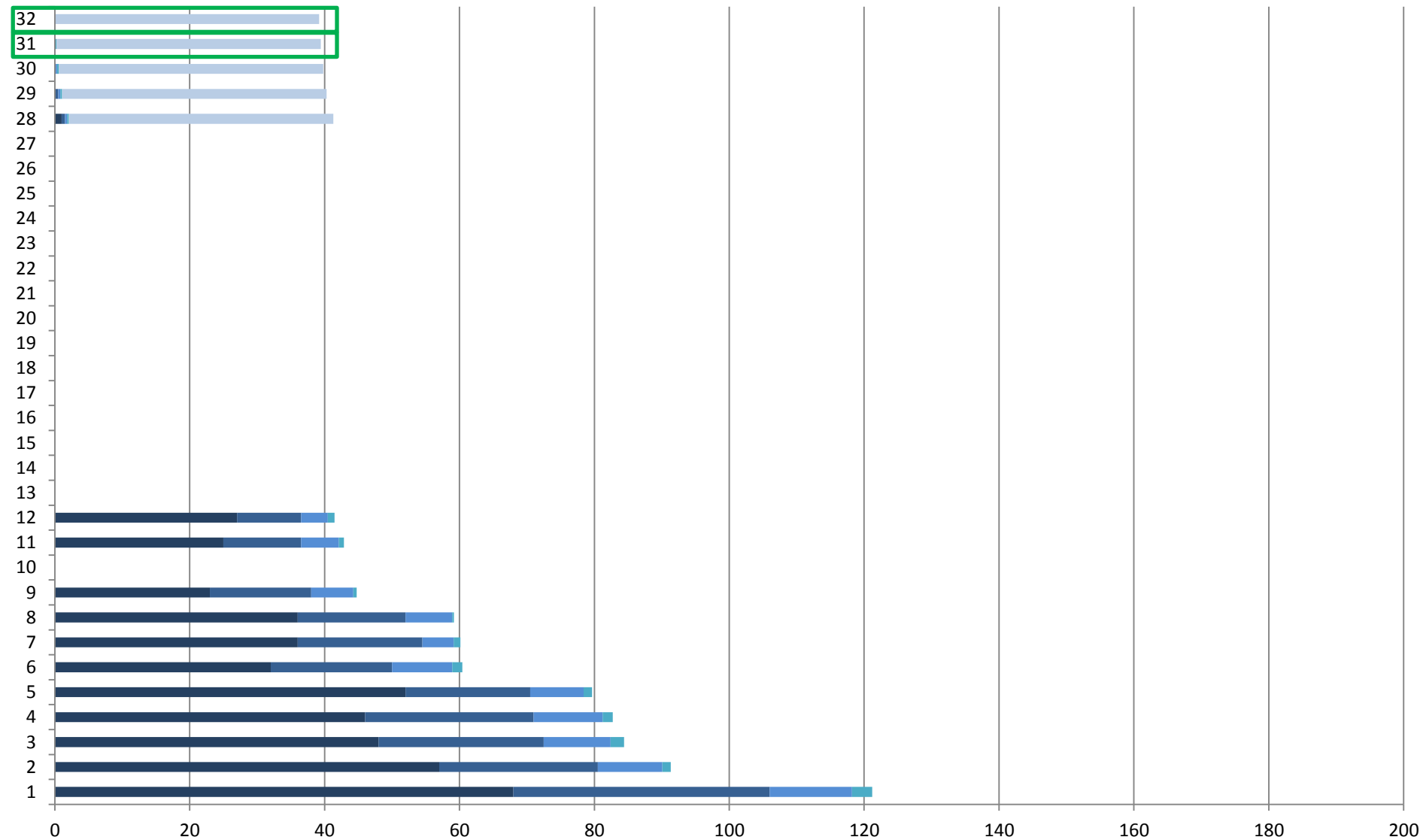
2013 Best Novel Point Totals – Round 16



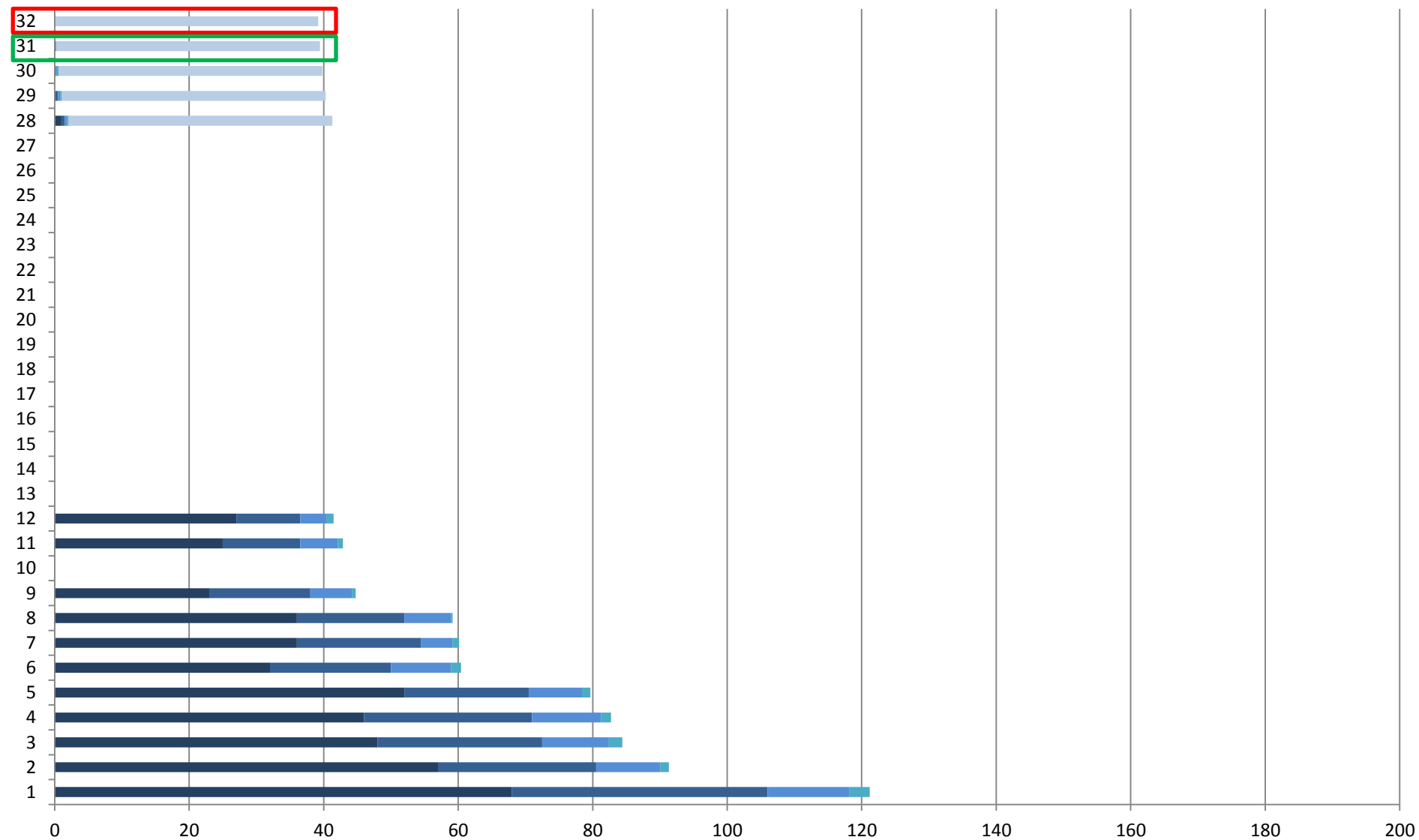
2013 Best Novel Point Totals – Round 17



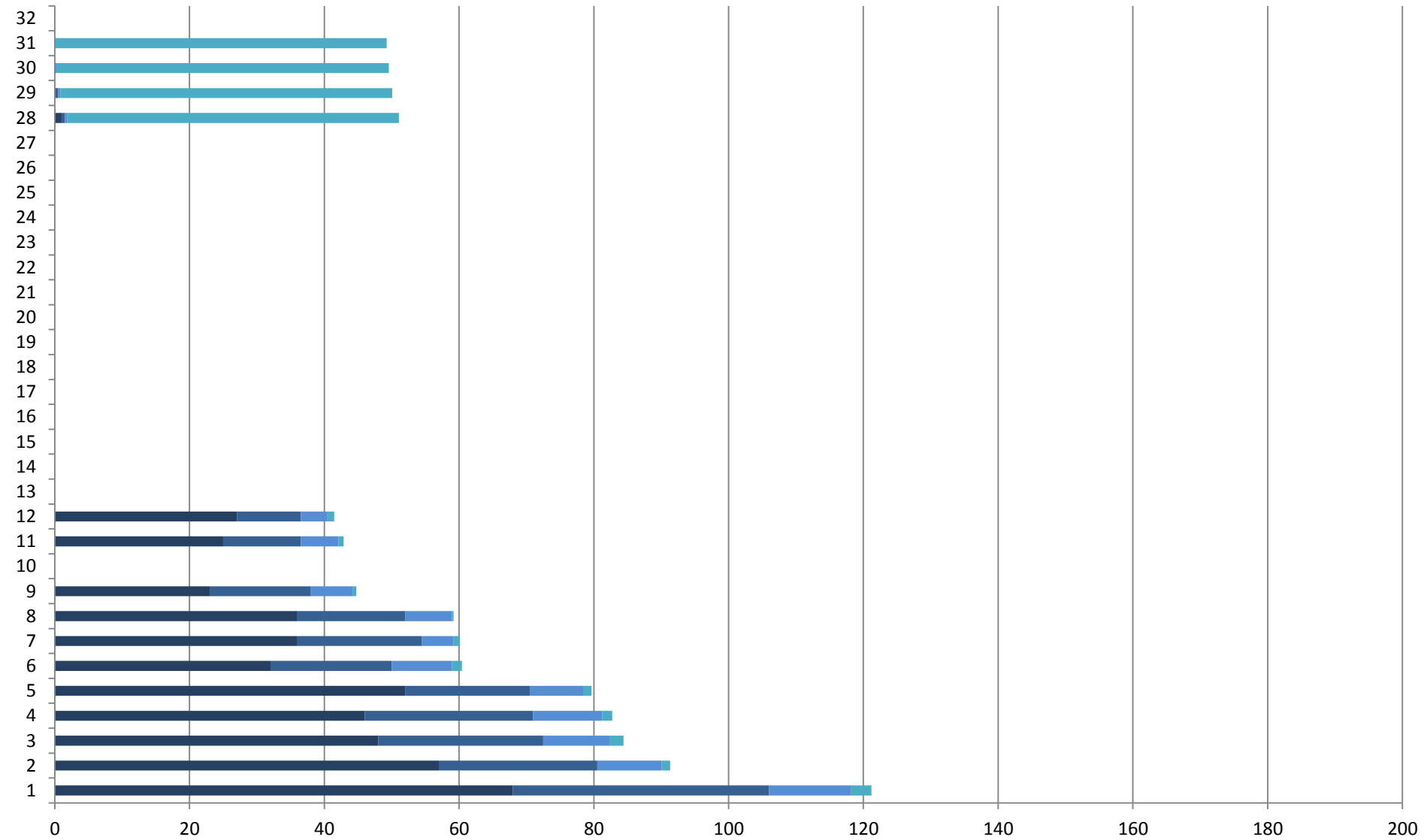
2013 Best Novel Point Totals – Round 17



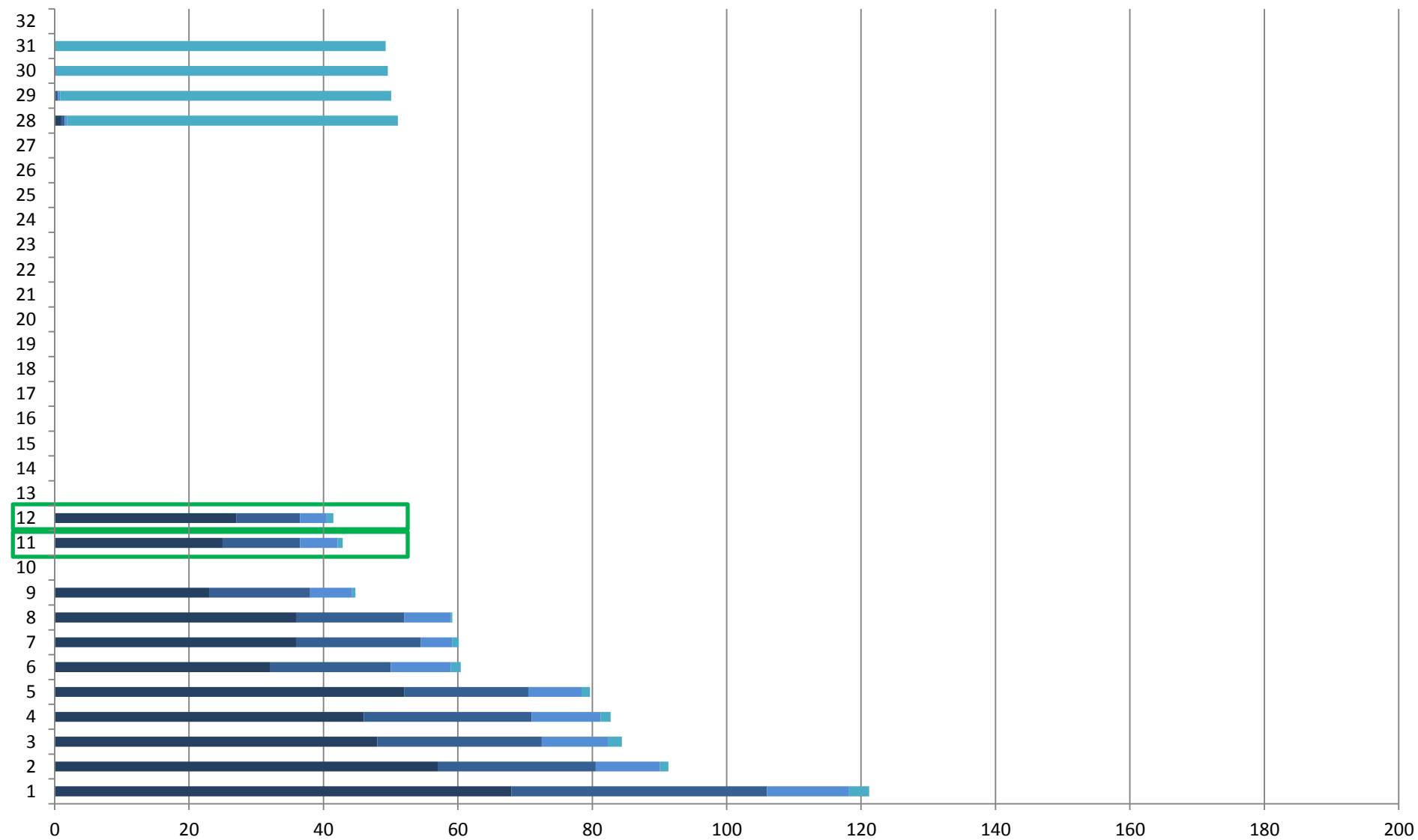
2013 Best Novel Point Totals – Round 17



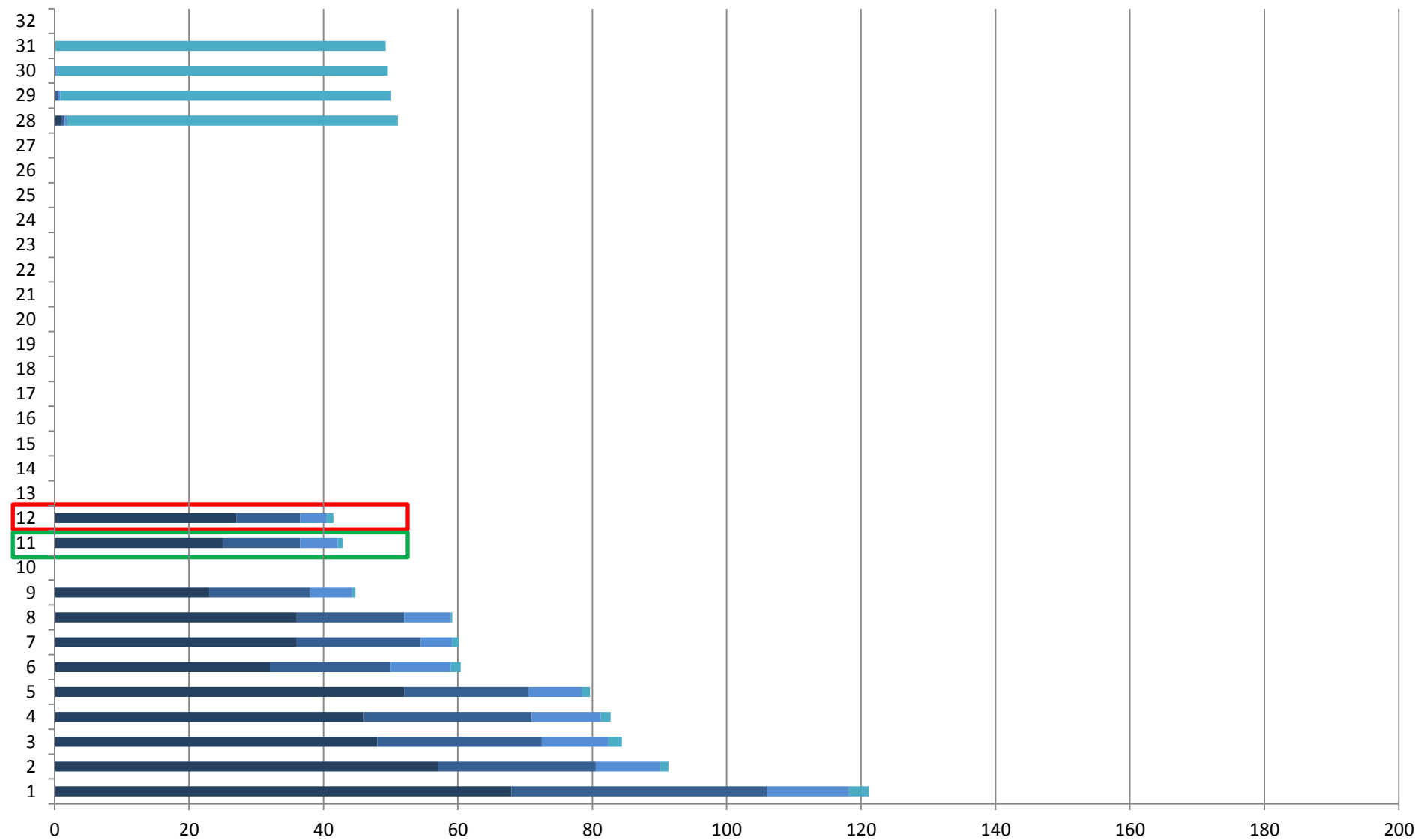
2013 Best Novel Point Totals – Round 18



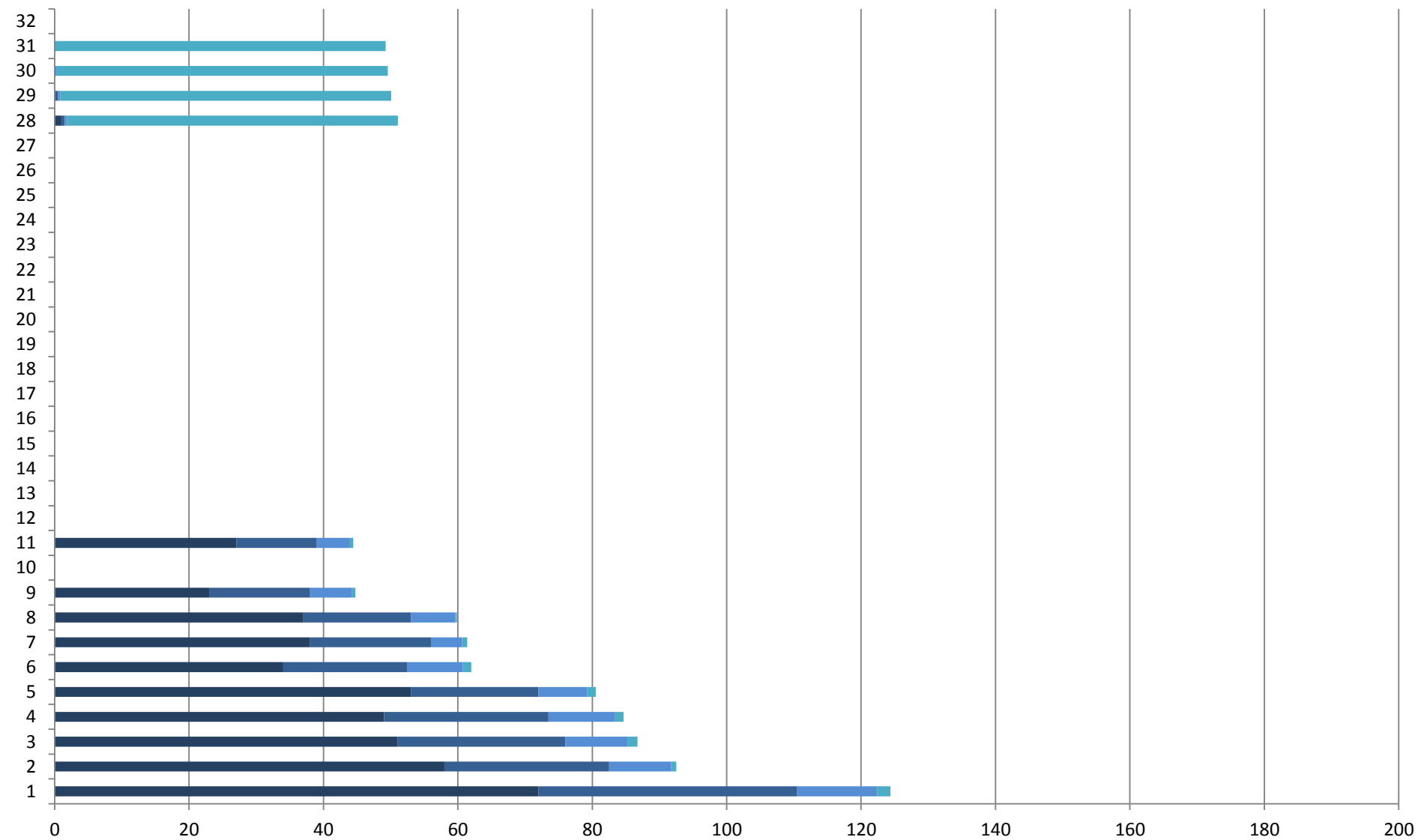
2013 Best Novel Point Totals – Round 18



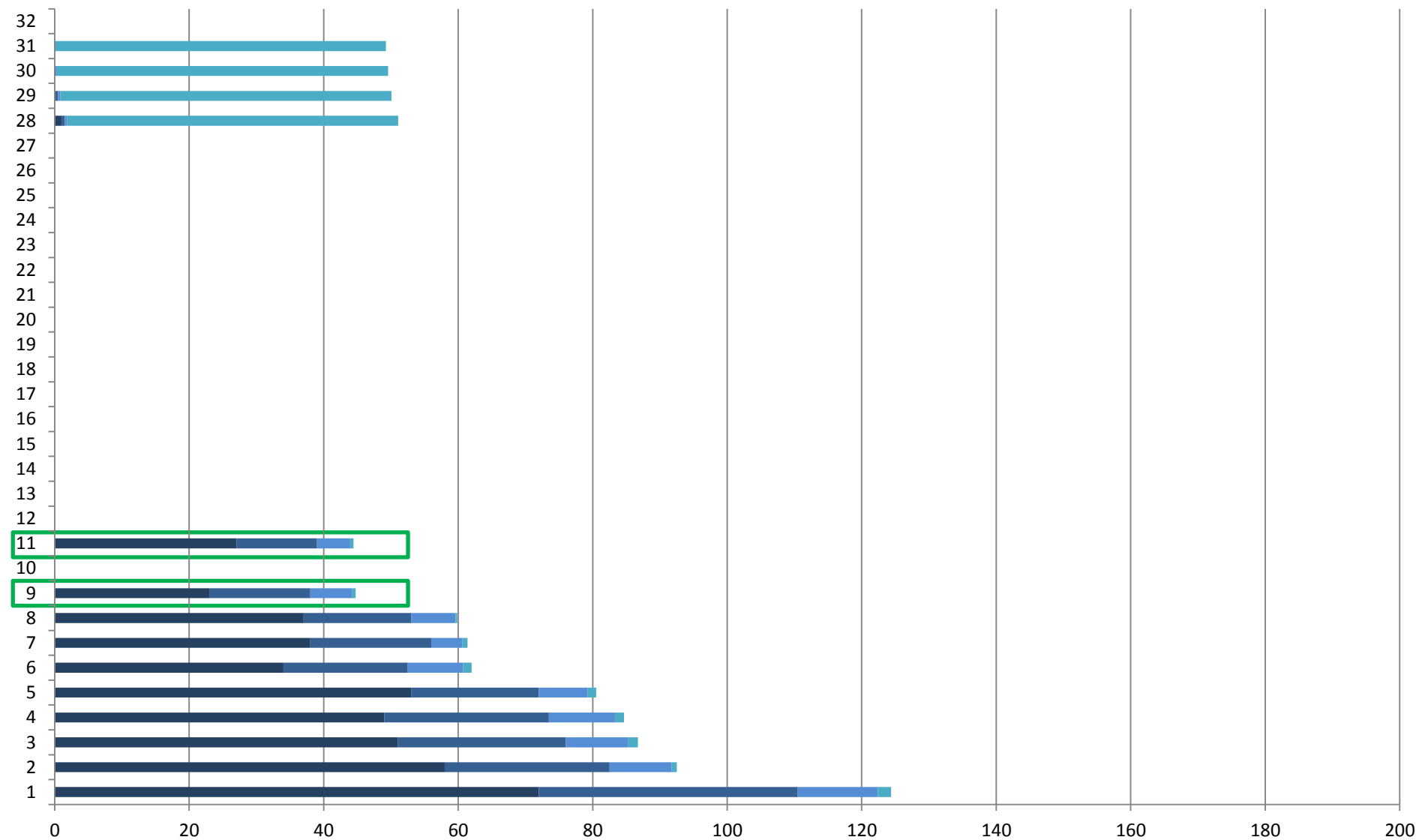
2013 Best Novel Point Totals – Round 18



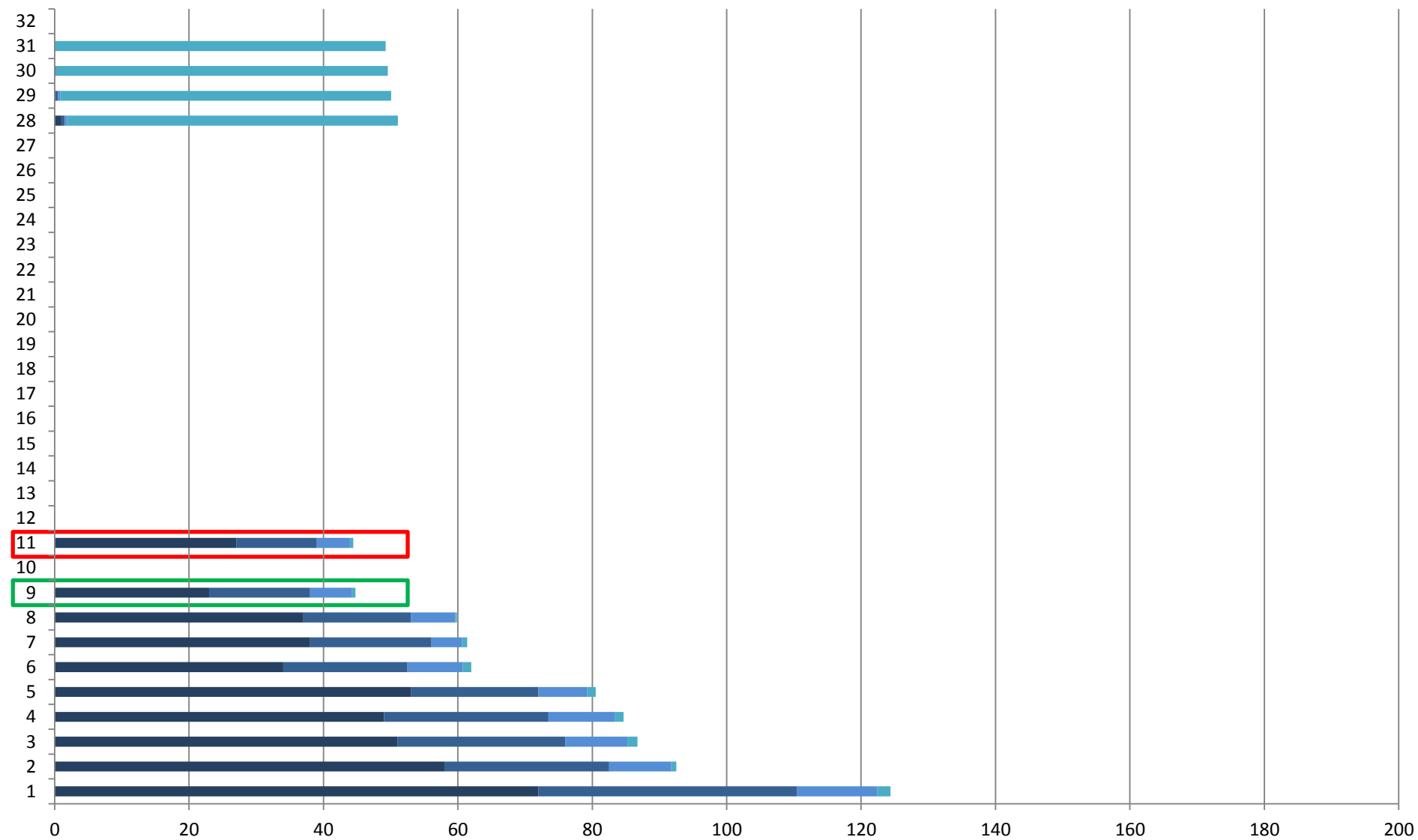
2013 Best Novel Point Totals – Round 19



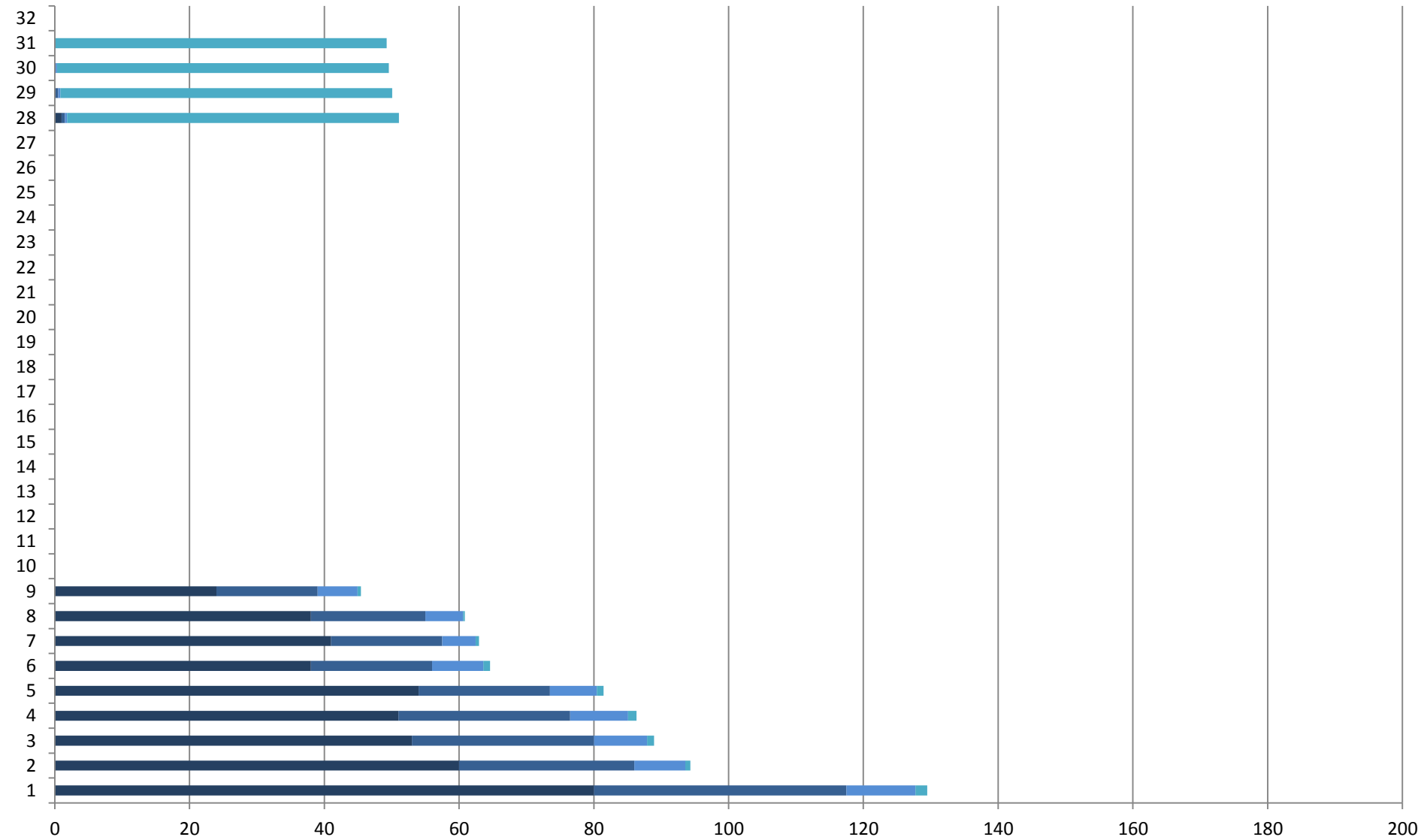
2013 Best Novel Point Totals – Round 19



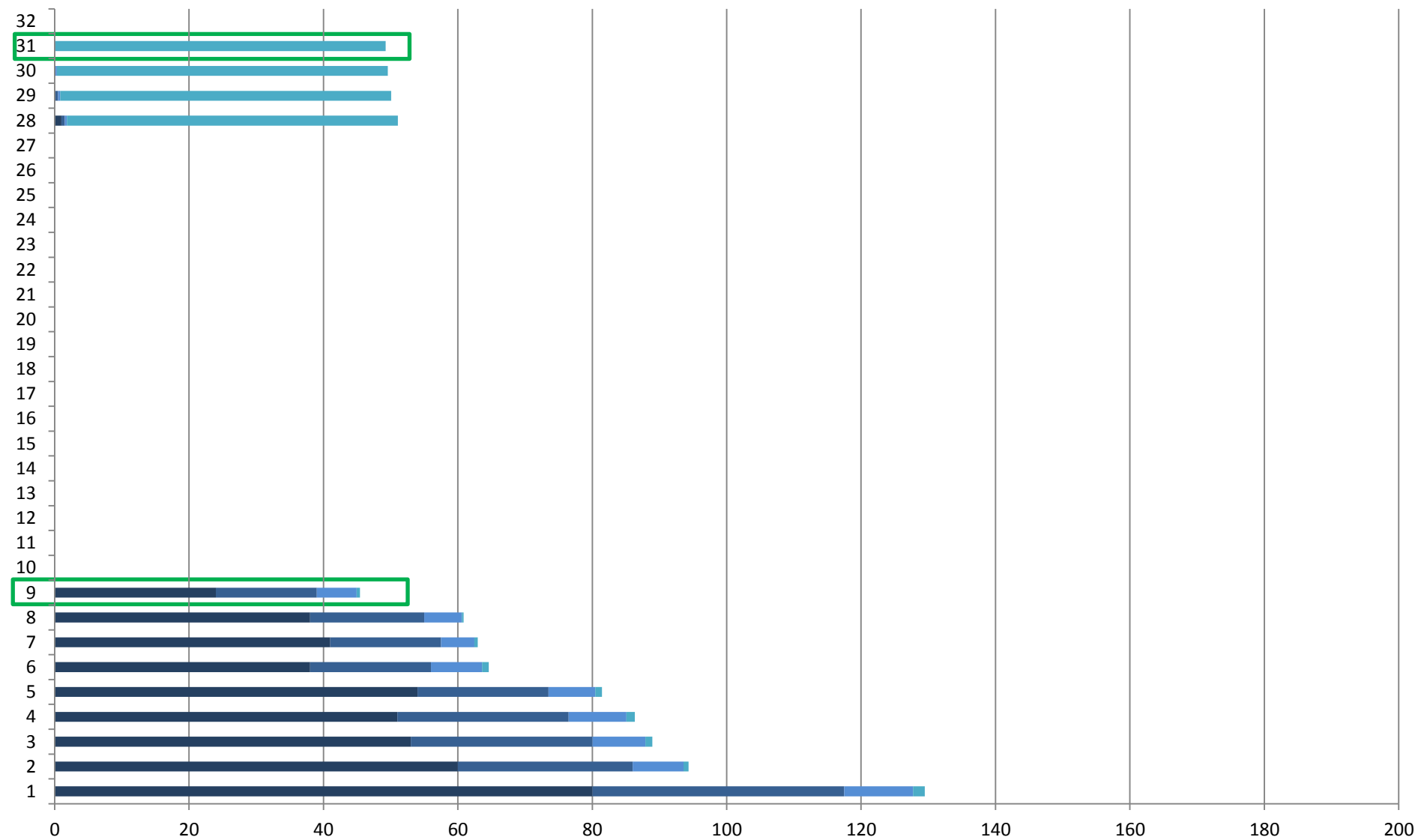
2013 Best Novel Point Totals – Round 19



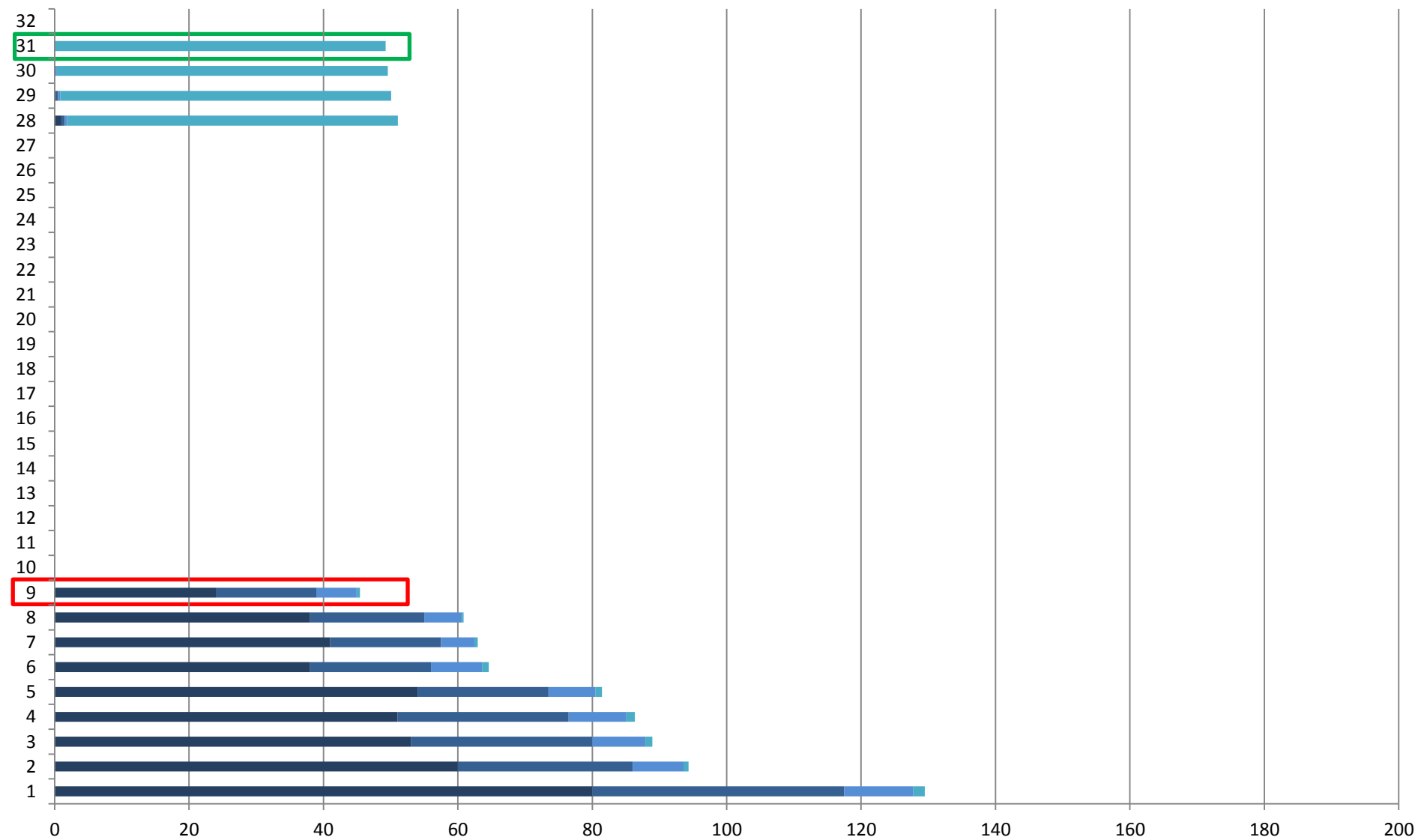
2013 Best Novel Point Totals – Round 20



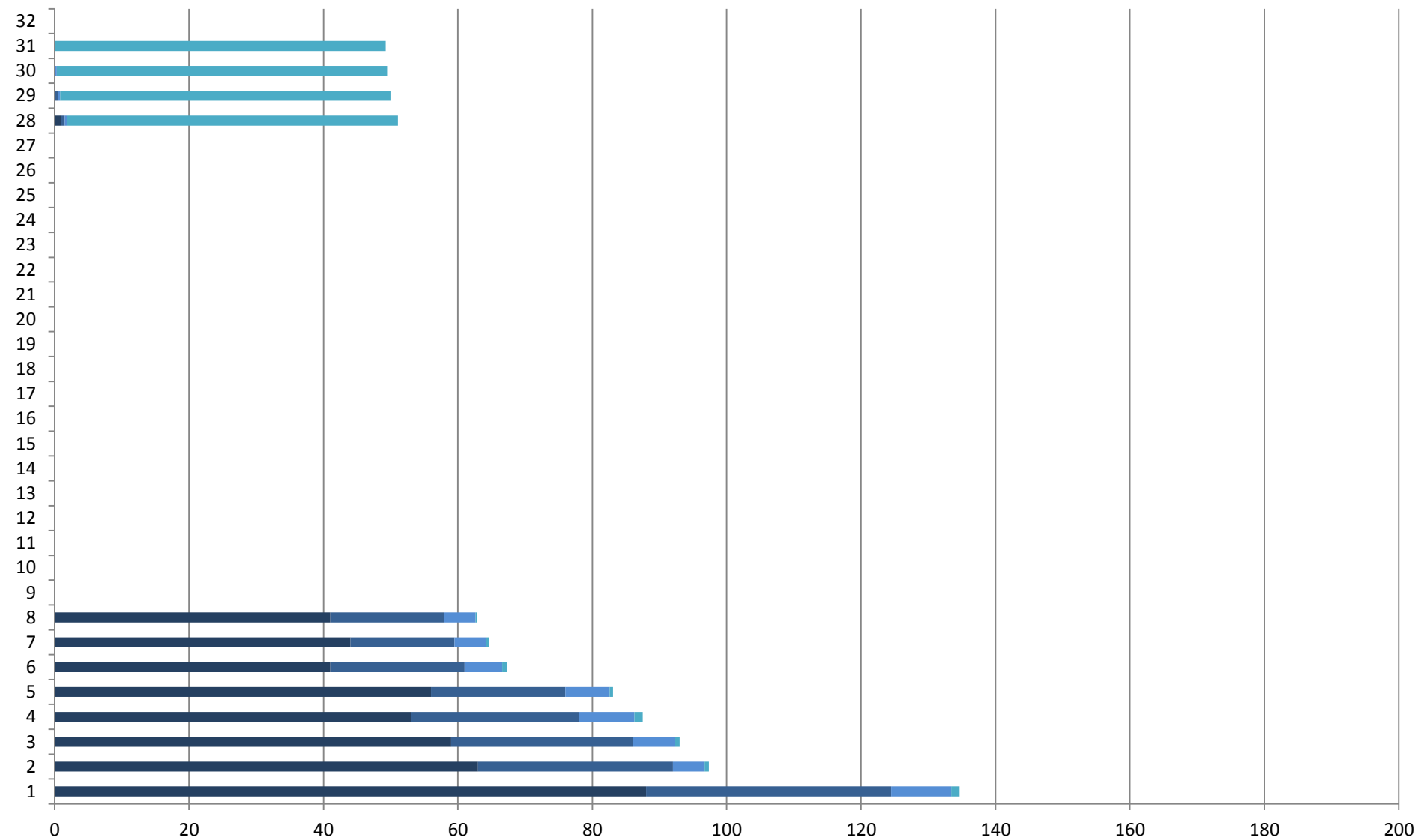
2013 Best Novel Point Totals – Round 20



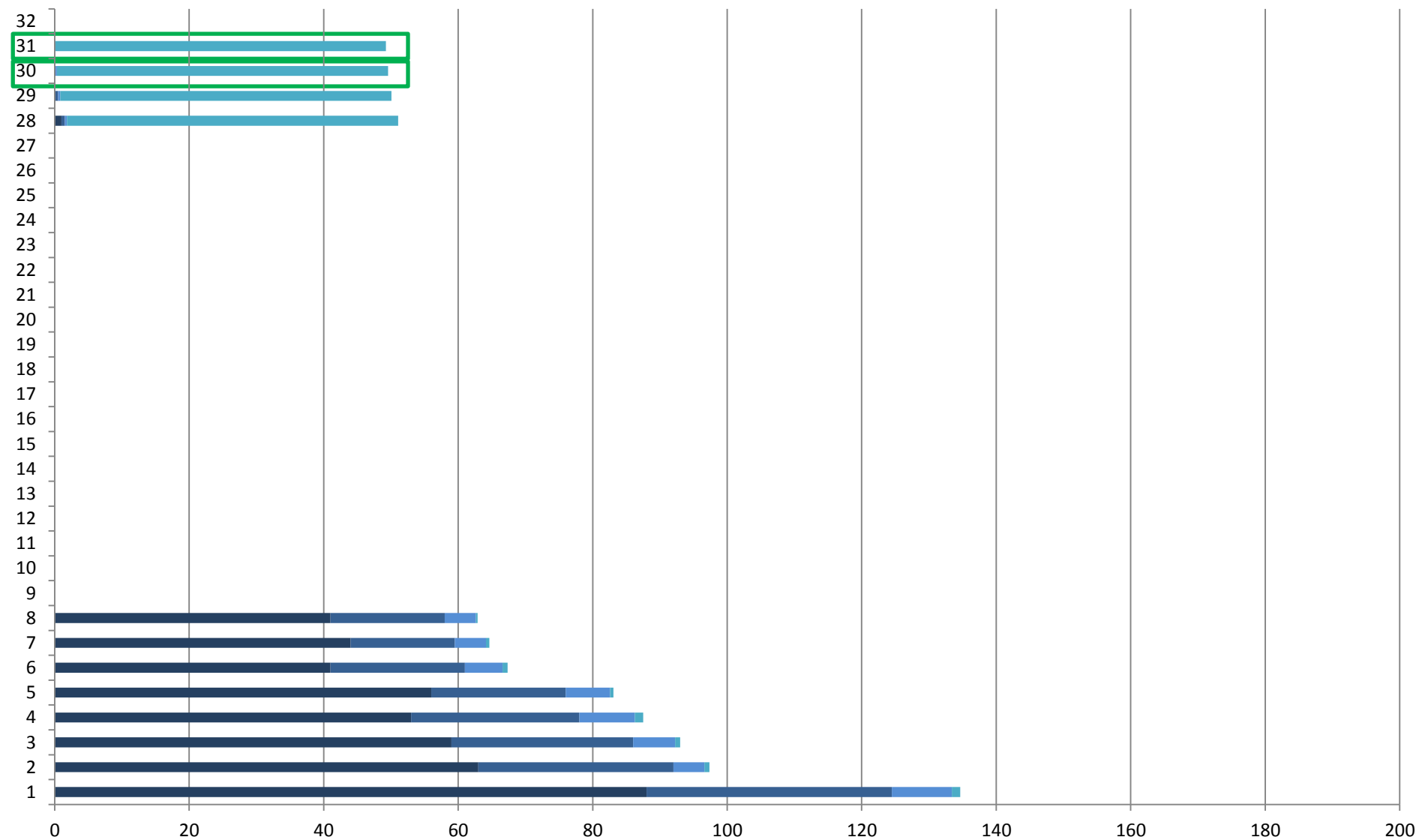
2013 Best Novel Point Totals – Round 20



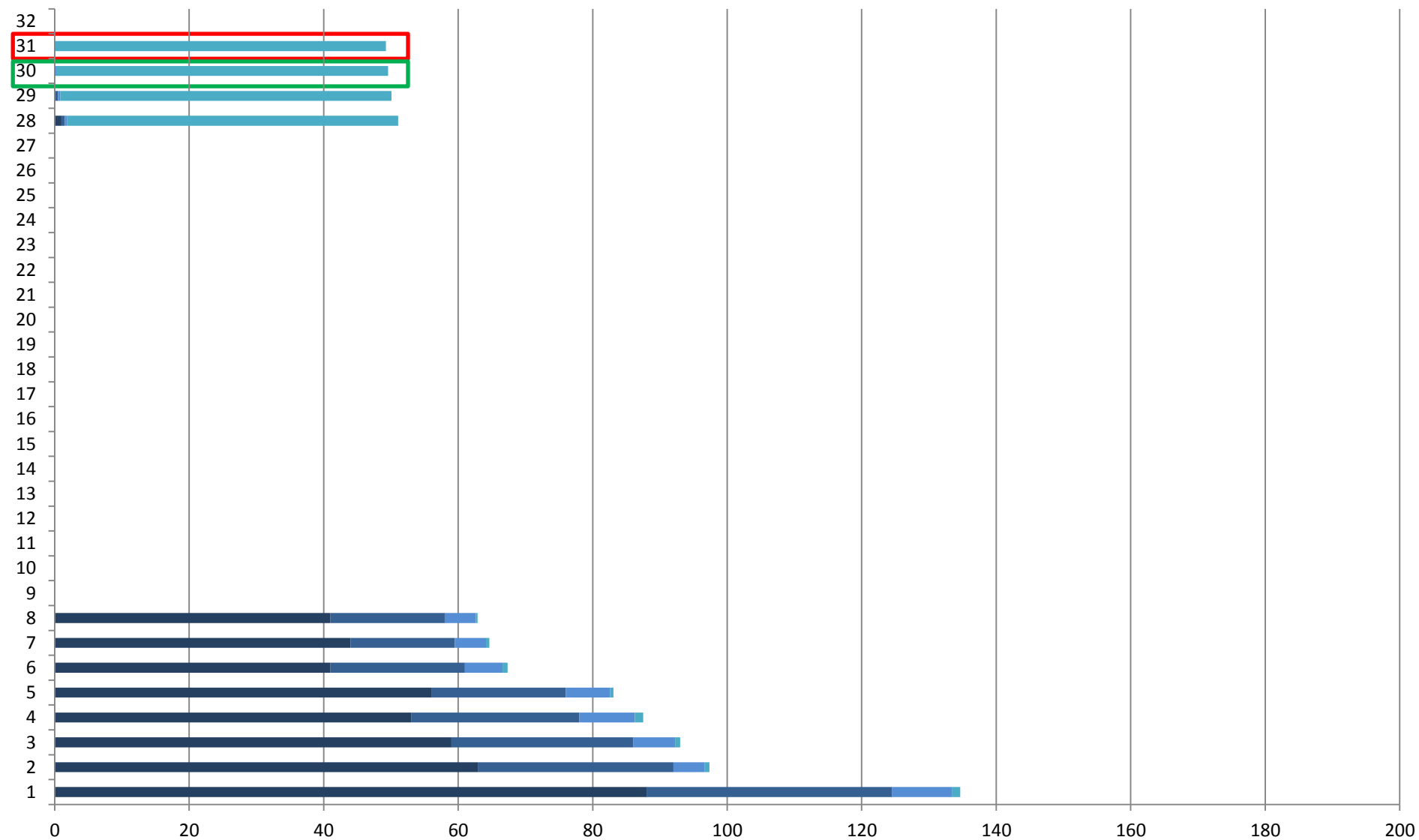
2013 Best Novel Point Totals – Round 21



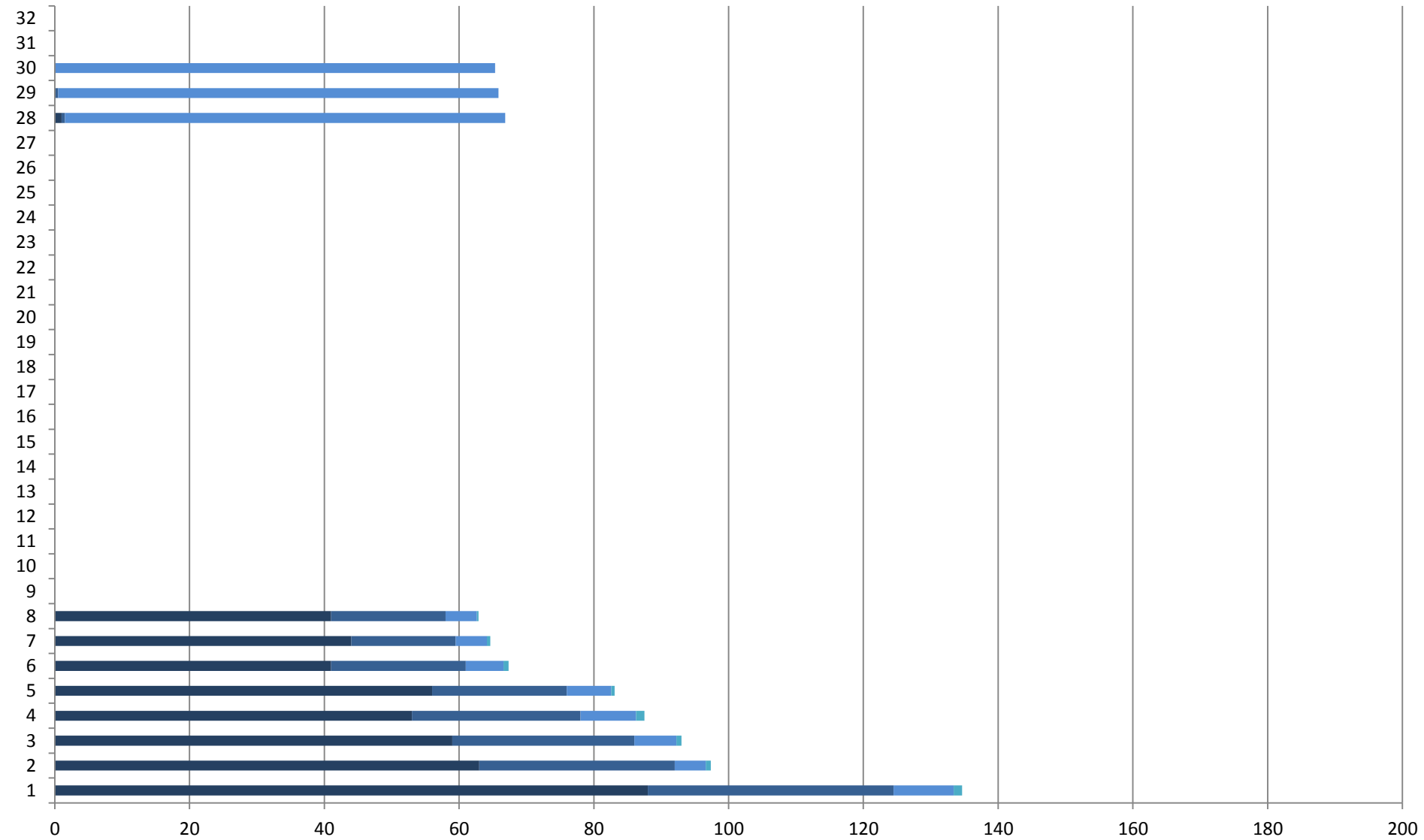
2013 Best Novel Point Totals – Round 21



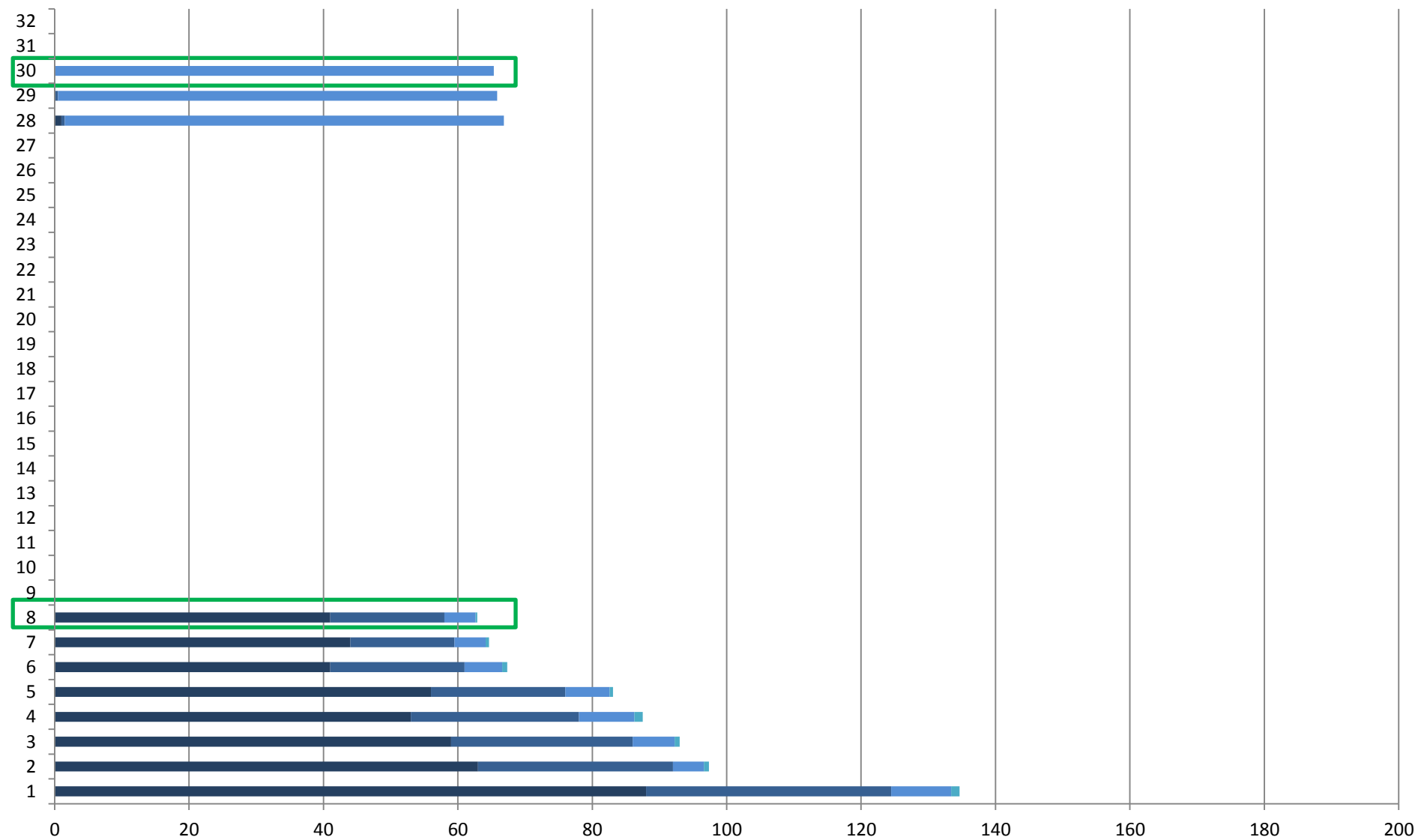
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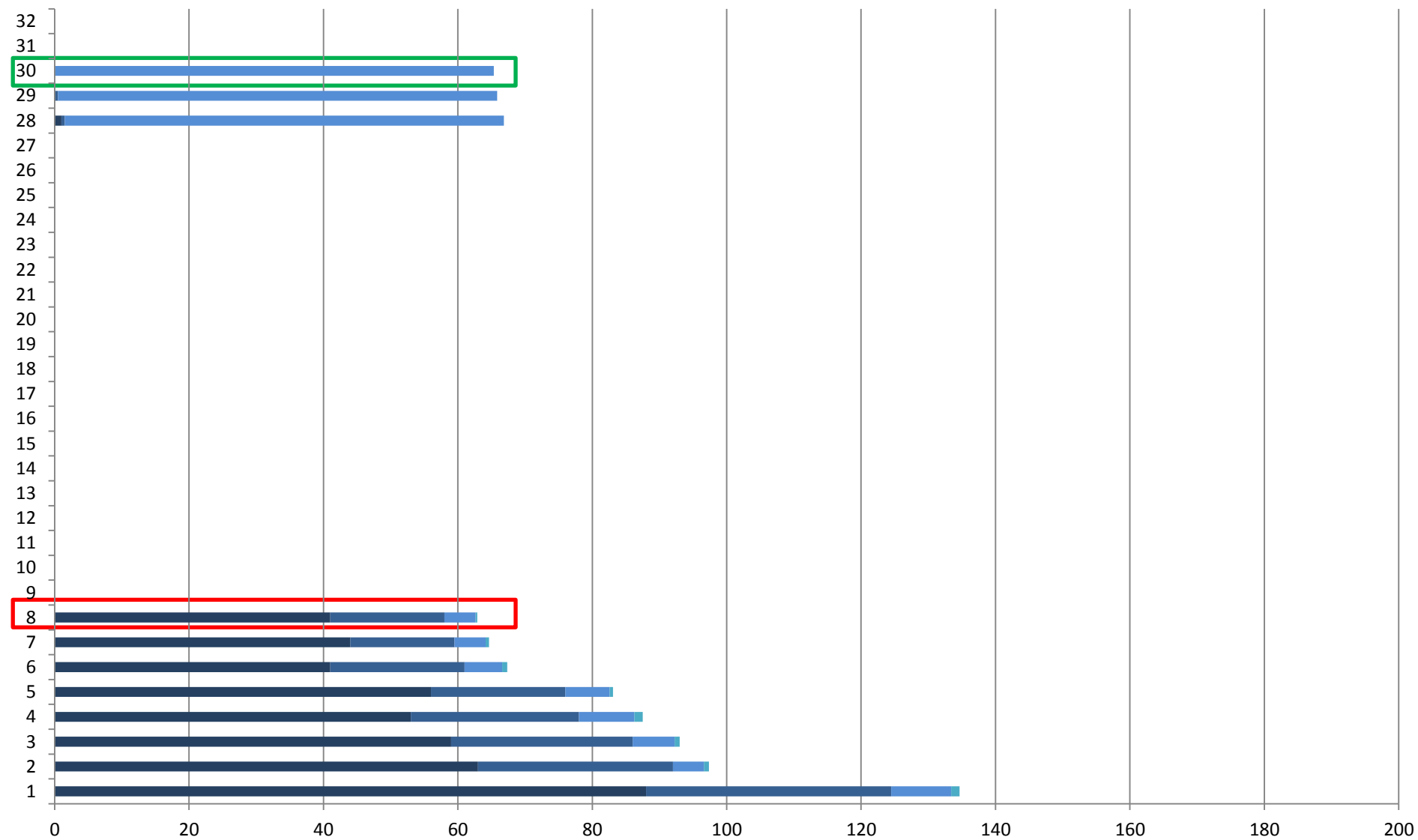
2013 Best Novel Point Totals – Round 22



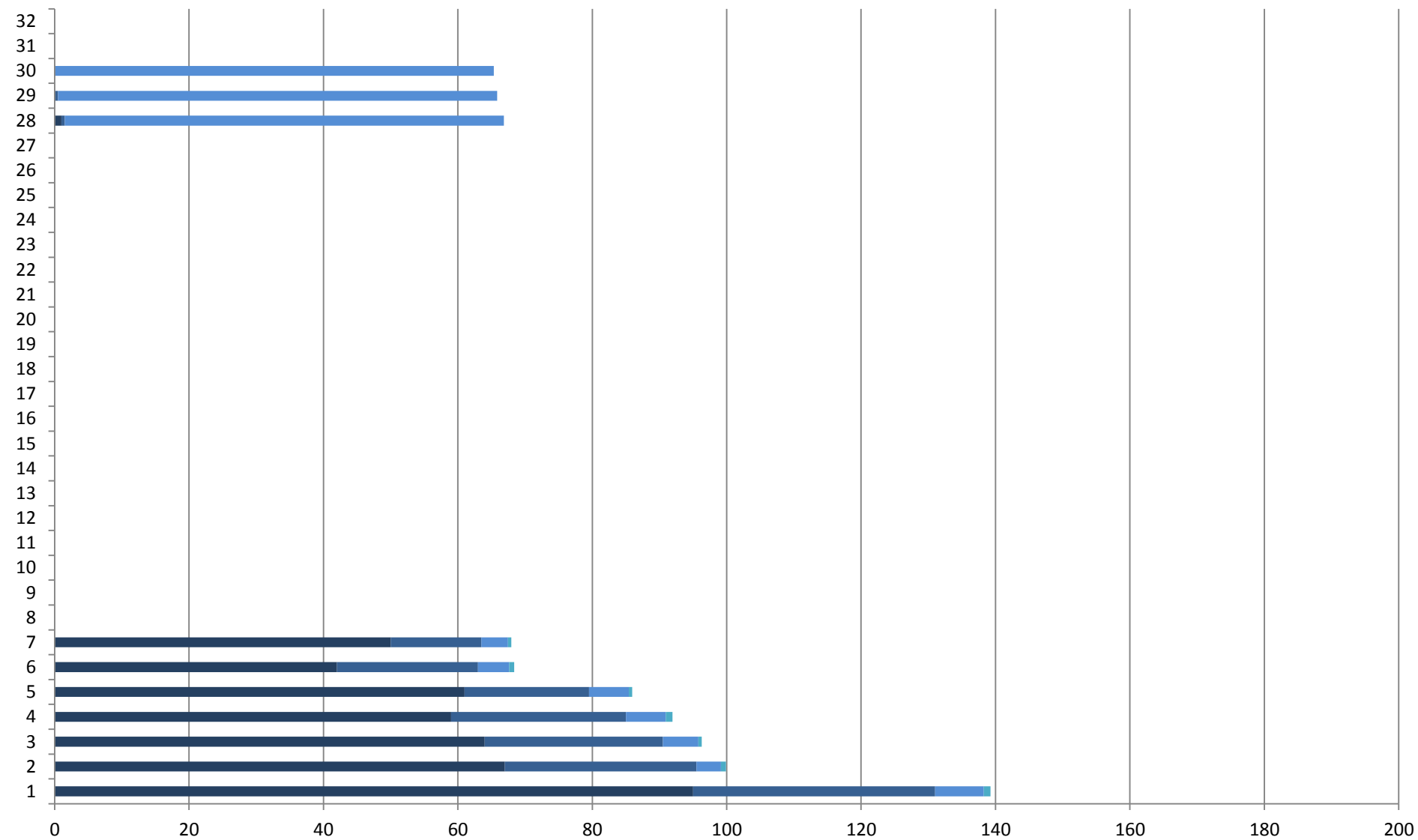
2013 Best Novel Point Totals – Round 22



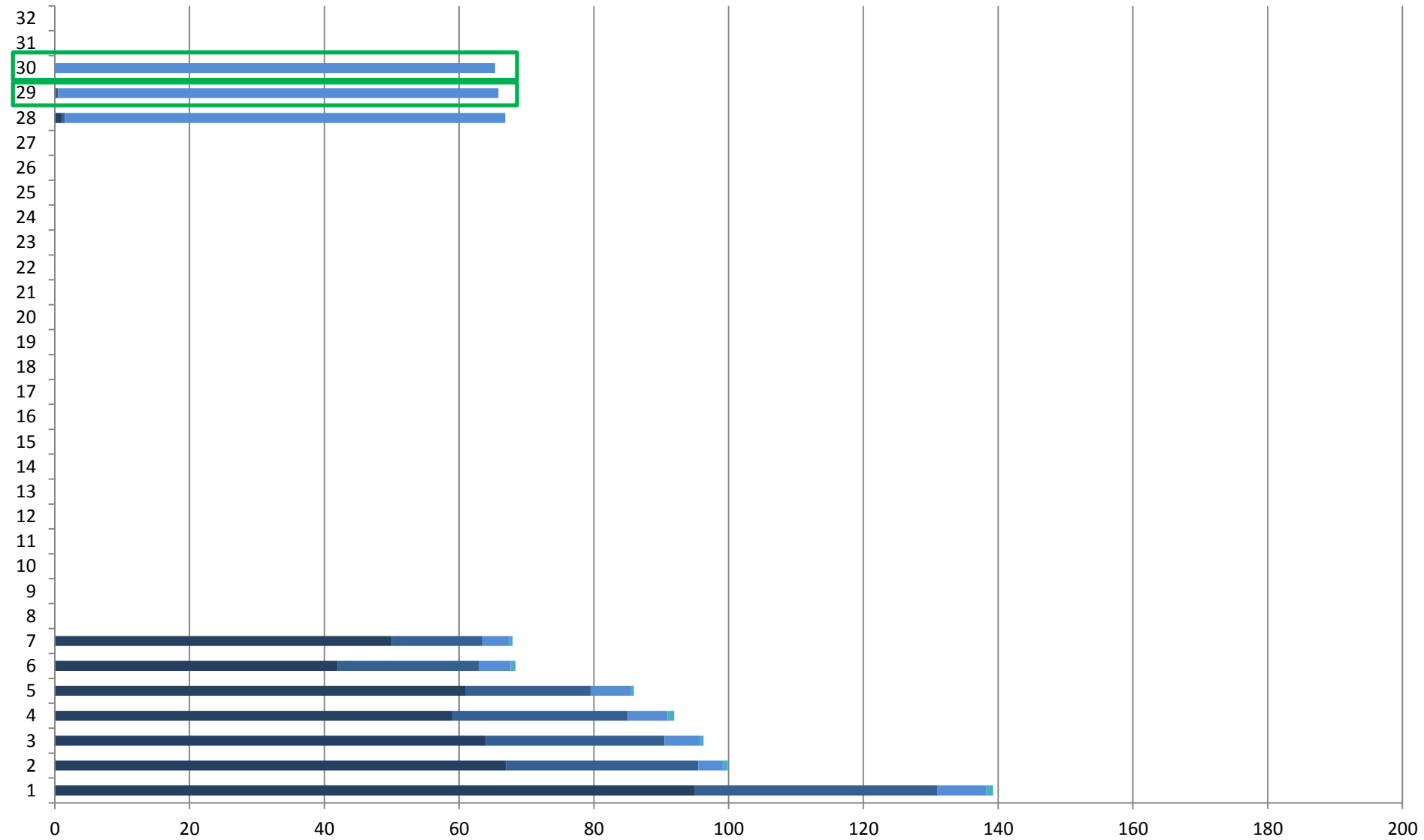
2013 Best Novel Point Totals – Round 22



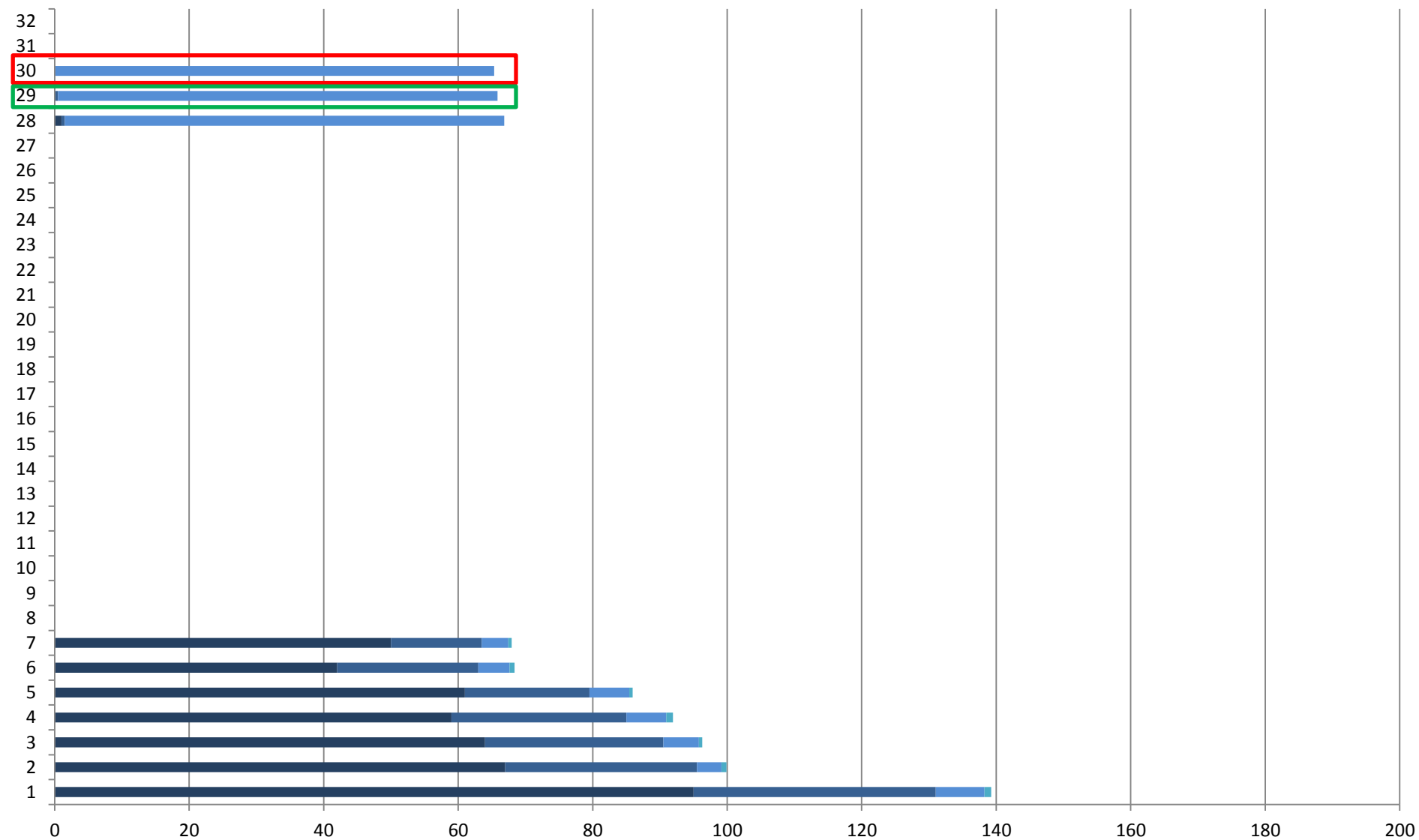
2013 Best Novel Point Totals – Round 23



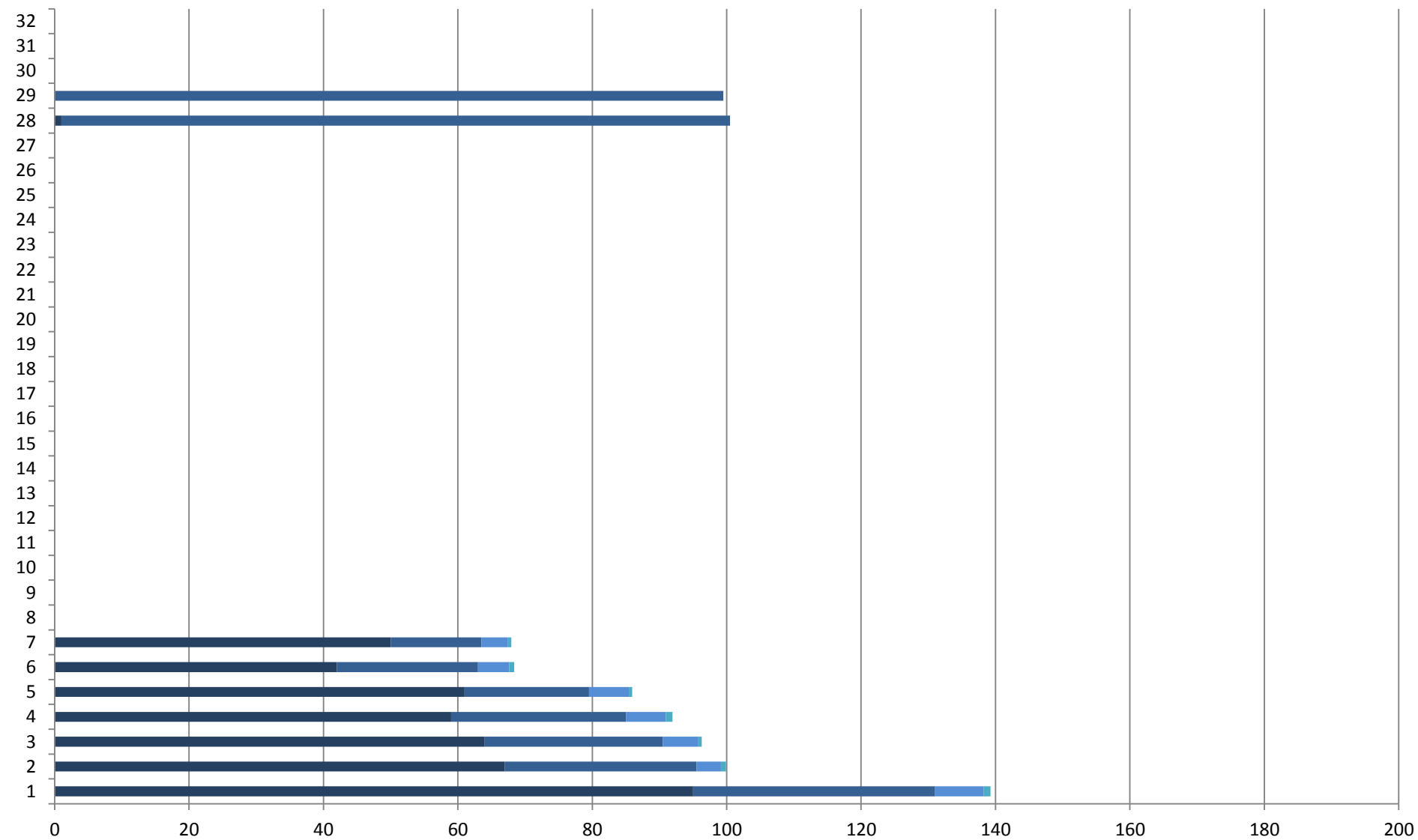
2013 Best Novel Point Totals – Round 23



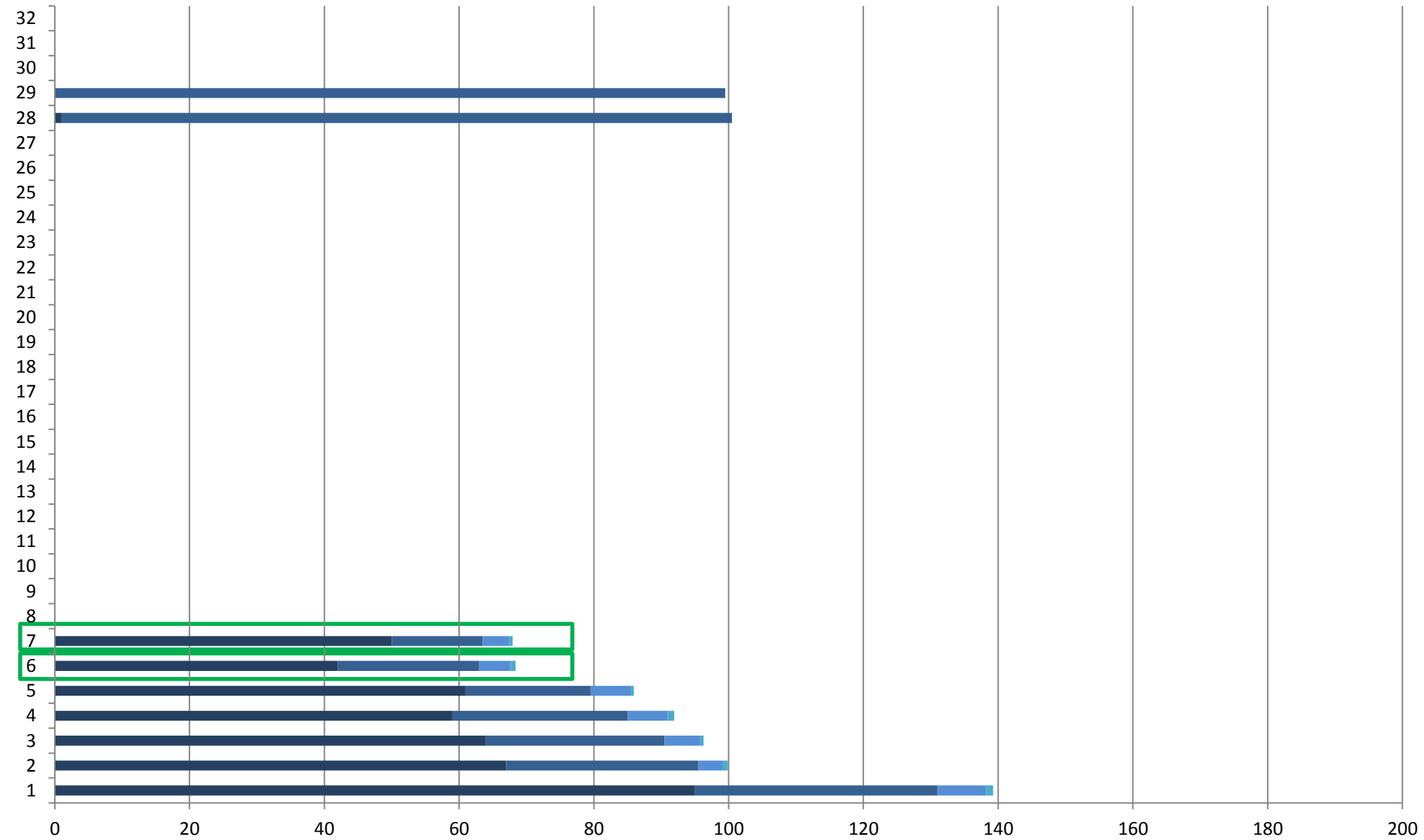
2013 Best Novel Point Totals – Round 23



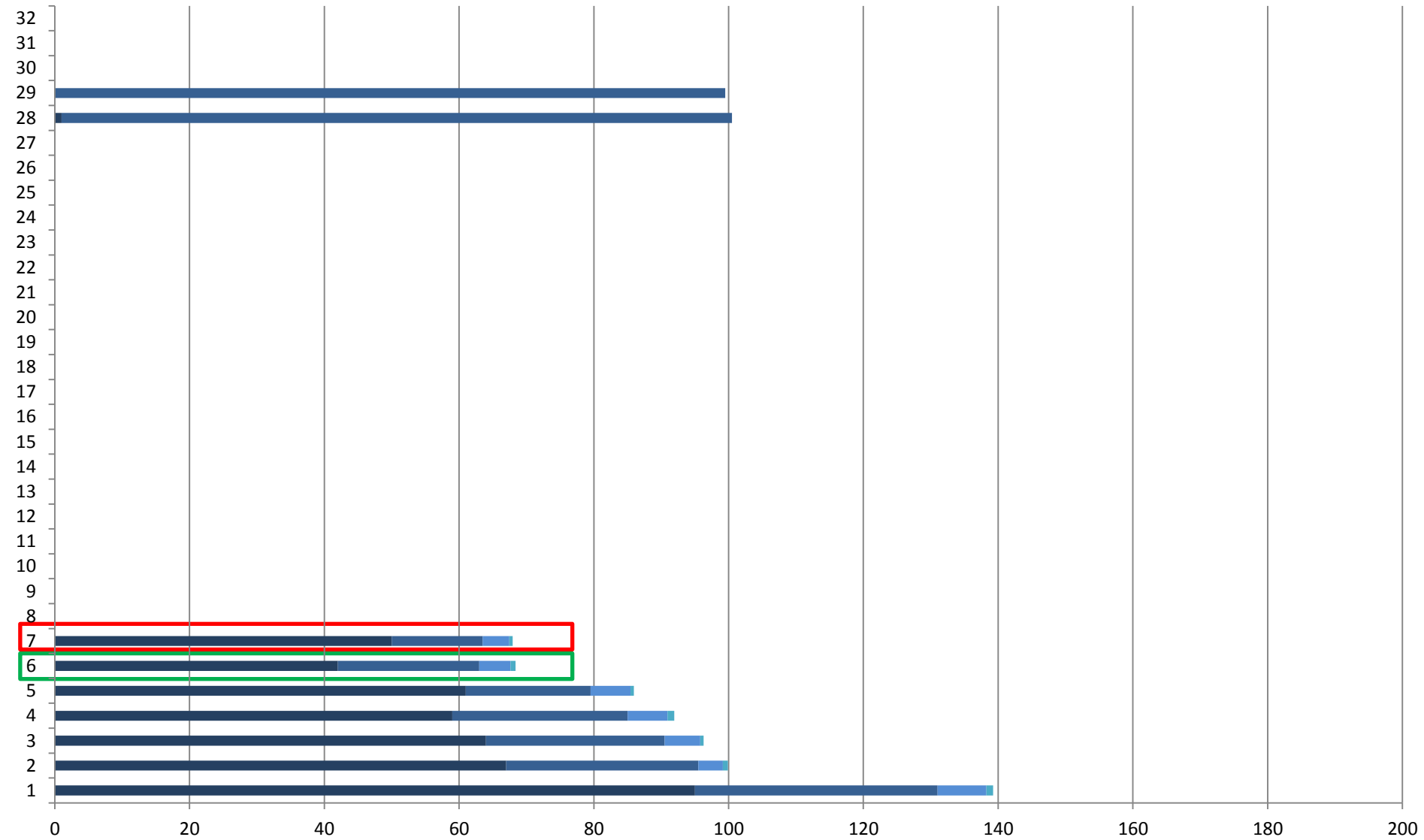
2013 Best Novel Point Totals – Round 24



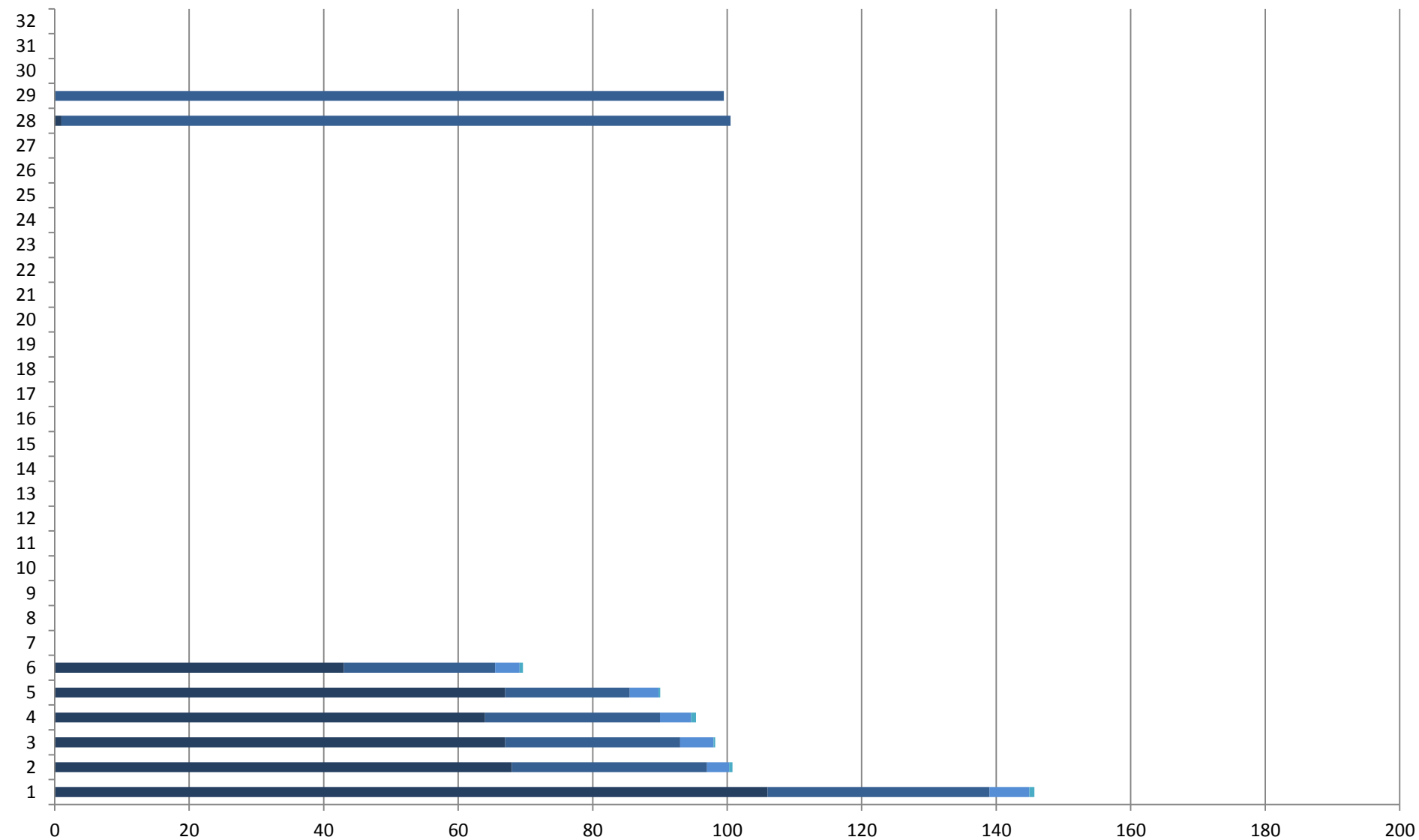
2013 Best Novel Point Totals – Round 24



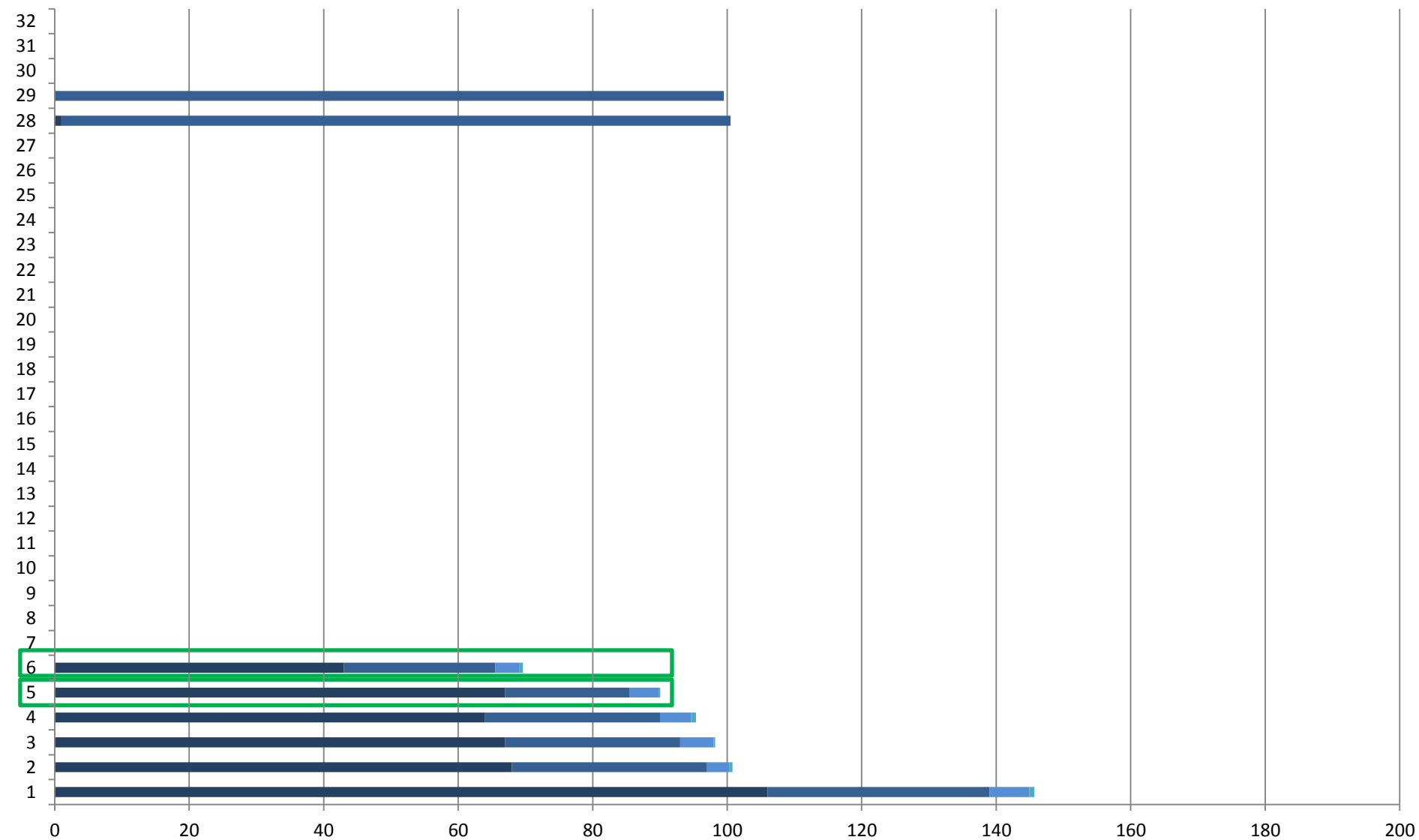
2013 Best Novel Point Totals – Round 24



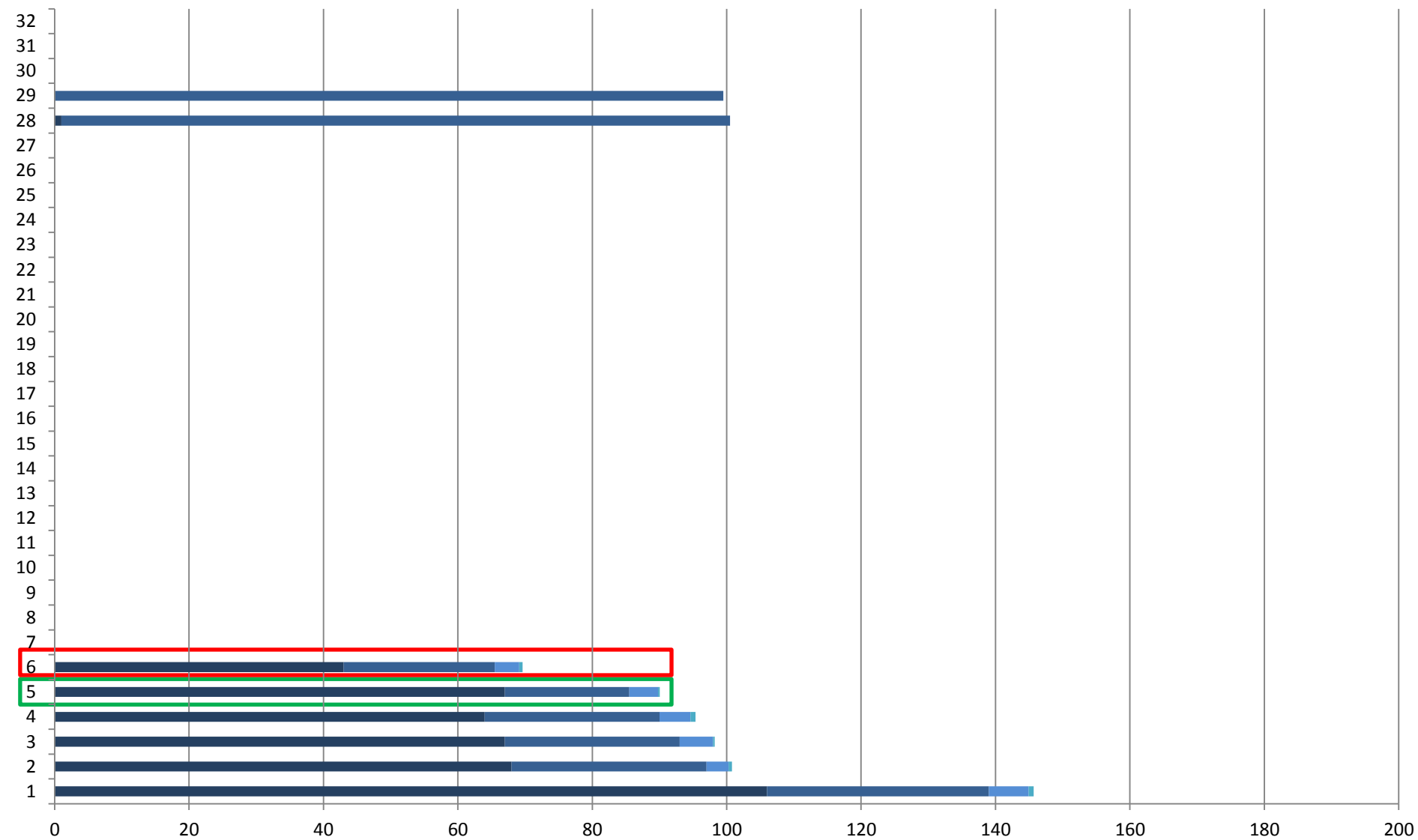
2013 Best Novel Point Totals – Round 25



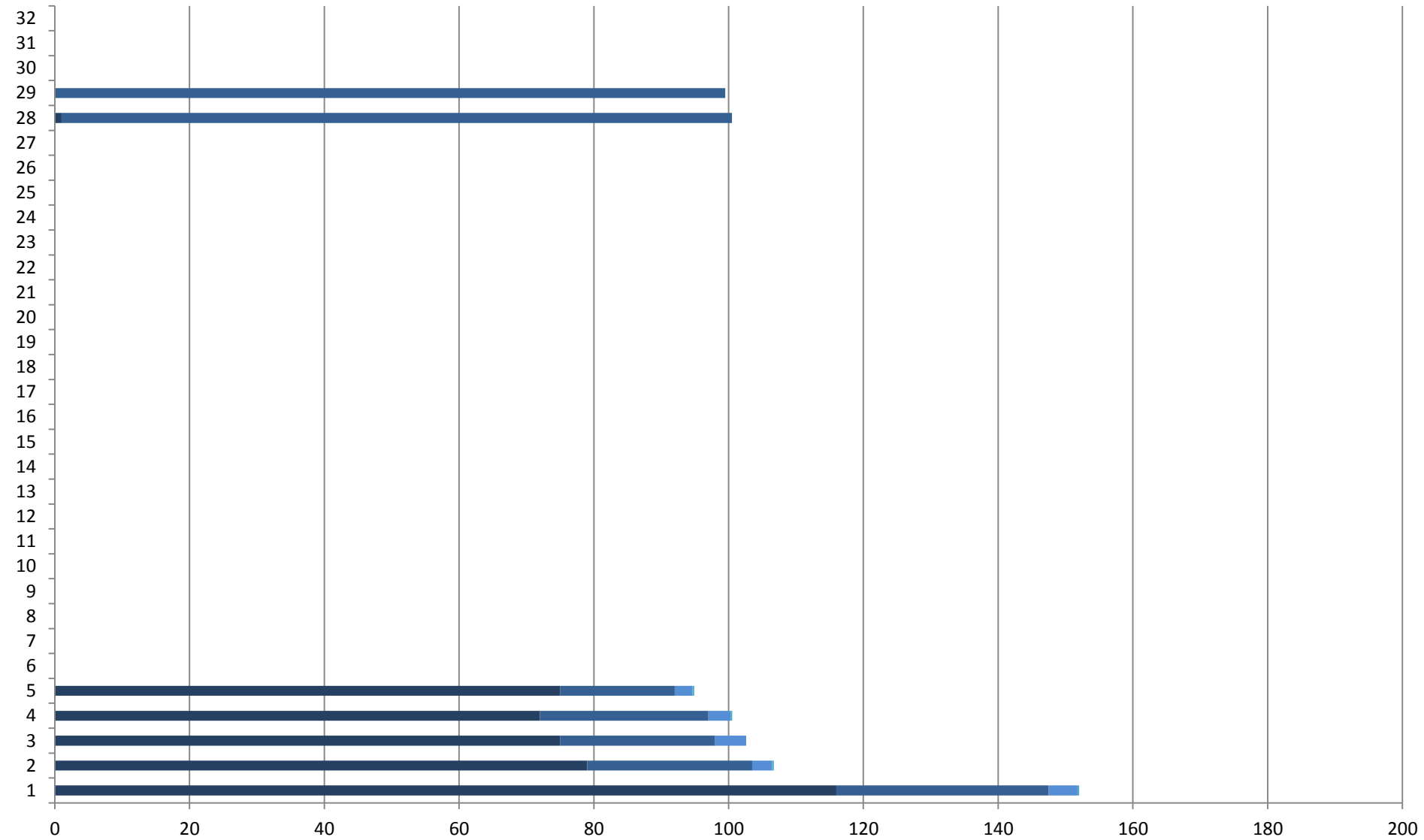
2013 Best Novel Point Totals – Round 25



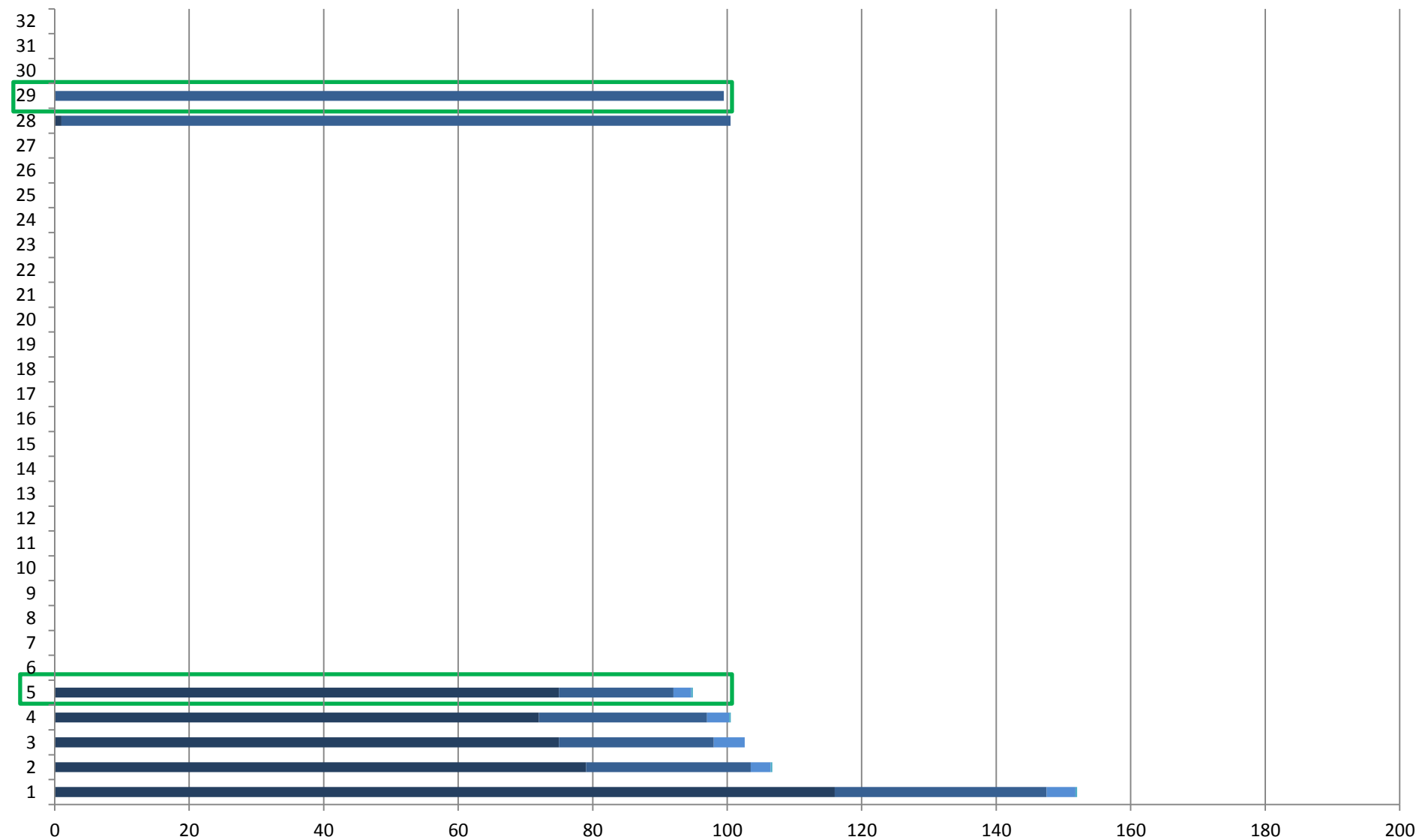
2013 Best Novel Point Totals – Round 25



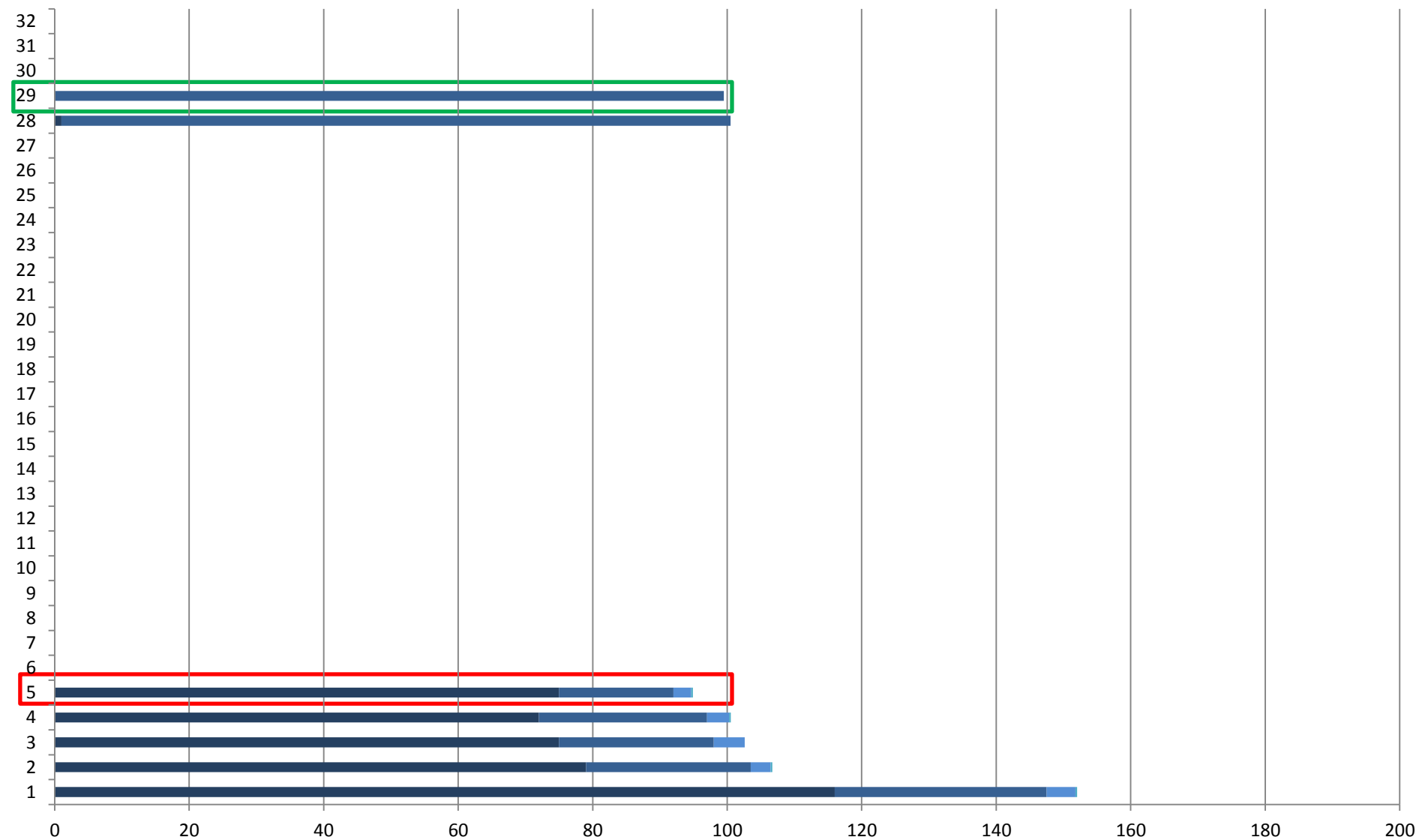
2013 Best Novel Point Totals – Round 26



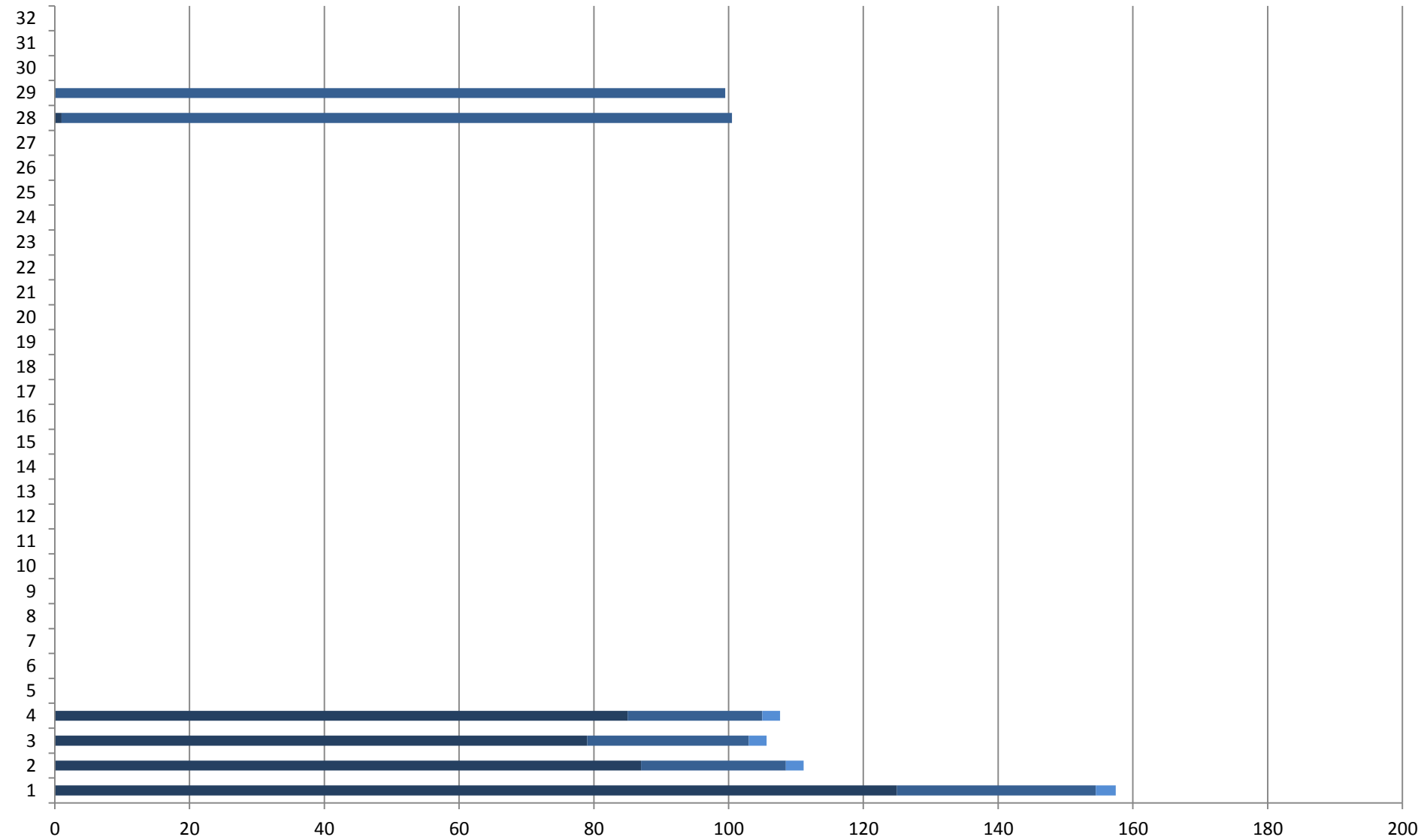
2013 Best Novel Point Totals – Round 26



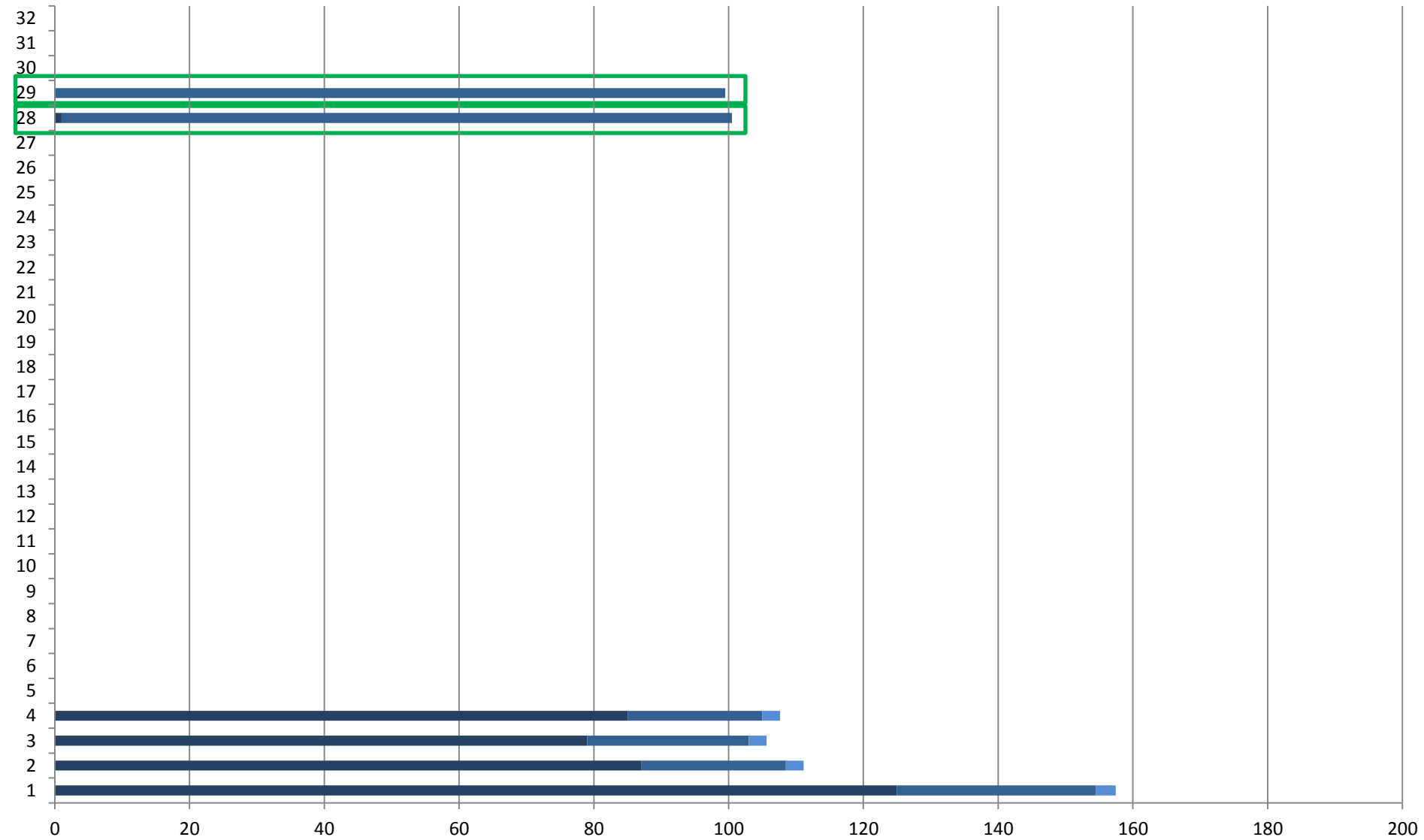
2013 Best Novel Point Totals – Round 26



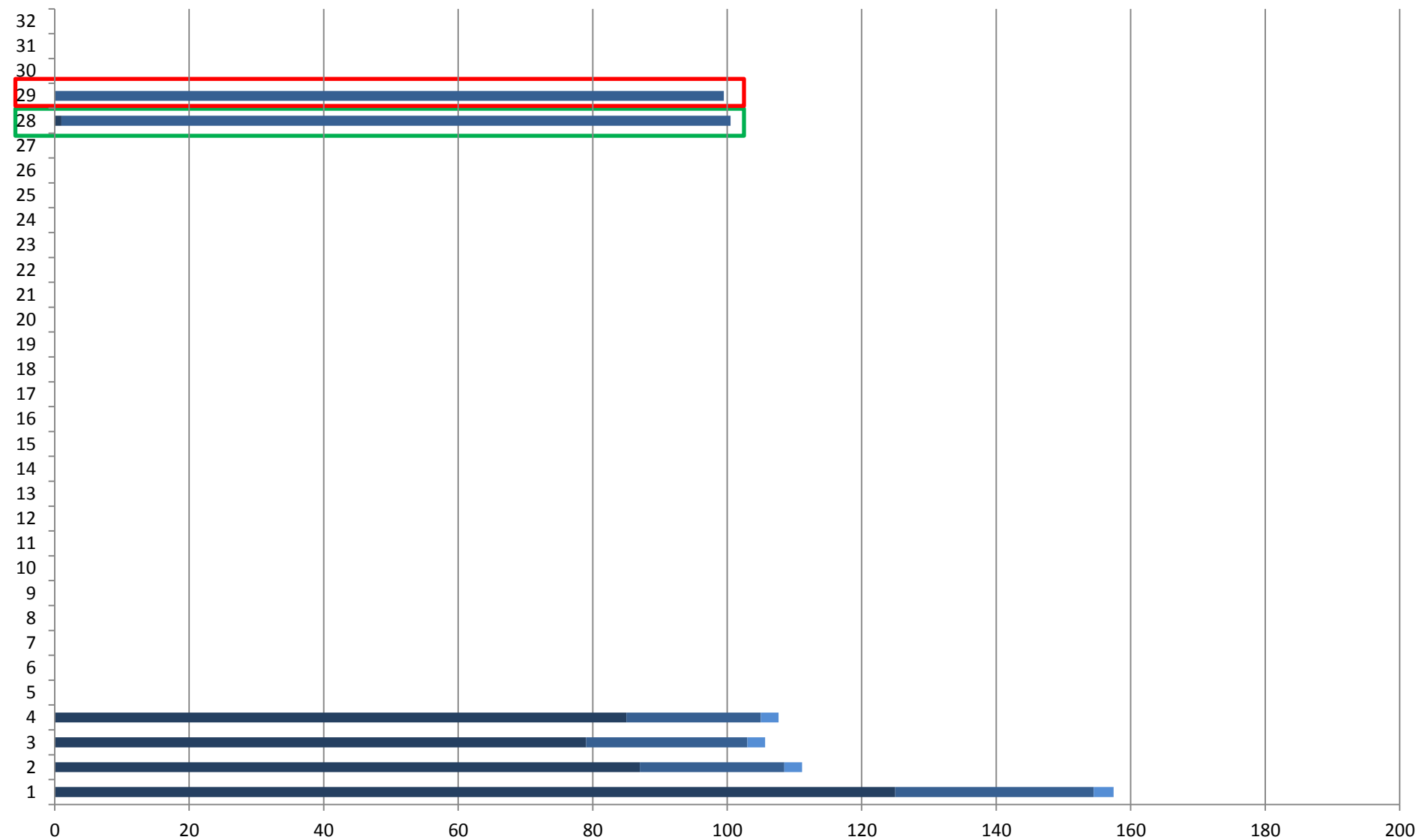
2013 Best Novel Point Totals – Round 27



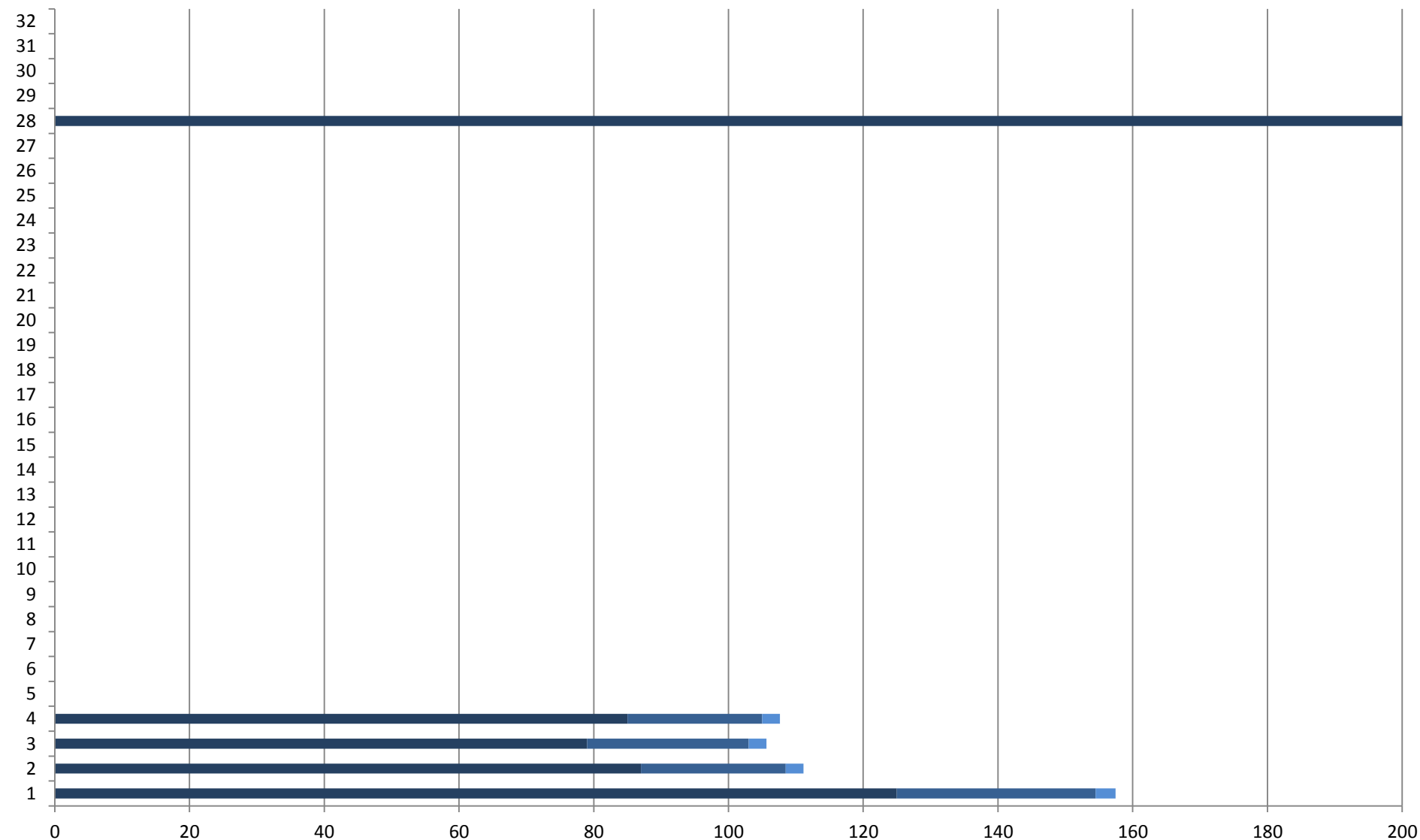
2013 Best Novel Point Totals – Round 27



2013 Best Novel Point Totals – Round 27



2013 Best Novel Point Totals – Round 28



Now that there are only five nominees left, the process ends.

2013 Best Novel : Final Ballot (E Pluribus Hugo)

- #1
- #2
- #3
- #4
- #28

Conclusion

- Under the current nomination system, the five slate nominees have the five most number of nominations, so the final ballot is 28,29,30,31,32 – **the slate sweeps the category.**
- Under EPH, the final ballot is 1,2,3,4,28 – **the slate only gets one nomination slot.**

Conclusion

- Note that as a slate gets a larger percentage of the total number of nomination ballots, they can potentially get more than one slot on the final ballot.
- Also, of course, if non-slate ballots list a slate nominee, it will get a boost from that as well.
- The only way for a slate (or even a group of slates) to sweep a category is to have a majority of the total number of nomination ballots – in which case they deserve to win.

Where To Go From Here

- We hope this helps answer some of your questions about E Pluribus Hugo.
- You can find the formal proposal on the Sasquan Business Meeting Agenda page at: <http://sasquan.org/business-meeting/agenda/>
- There is also an FAQ linked from that page that may answer more of your questions.
- Finally, there is a community Q&A page hosted at: <http://nielsenhayden.com/makinglight/archives/016283.html>

THANK YOU!

“Out of the Many, a Hugo”