

VU Research Portal

Plant Traits and Production Rates from CO2 Starvation to Saturation

Temme, A.A.

2016

document version

Publisher's PDF, also known as Version of record

[Link to publication in VU Research Portal](#)

citation for published version (APA)

Temme, A. A. (2016). *Plant Traits and Production Rates from CO2 Starvation to Saturation*. [, Vrije Universiteit Amsterdam]. CPI-Koninklijke Wöhrmann.

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal

Take down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

E-mail address:

vuresearchportal.ub@vu.nl



Contents

| | | |
|------------------|---|------------|
| Chapter 1 | General Introduction | 1 |
| Chapter 2 | Meta-Analysis Reveals Profound Responses of Plant Traits to Past Glacial CO ₂ | 11 |
| Chapter 3 | Winners Always Win: Growth of a Wide Range of Plant Species from Low to Future High CO ₂ | 25 |
| Chapter 4 | Increases in CO ₂ from Past Low to Future Elevated Levels Result in ‘Slower’ Strategies on the Leaf Economic Spectrum | 43 |
| Chapter 5 | Hungry and Thirsty: Interactive Effects of Low to High Carbon and Water Availability on Plant Performance in Seven C ₃ annuals | 59 |
| Chapter 6 | General Discussion | 73 |
| | Appendix 1 | 85 |
| | Appendix 2 | 93 |
| | Appendix 3 | 101 |
| | Appendix 4 | 107 |
| | References | 115 |
| | Summary | 129 |
| | Samenvatting | 133 |
| | Dankwoord | 137 |