

Table S1. Models and equations used for fitting the individual data for the relationships between RWC and the different spectral reflectance bands (Figs. 3, 4 and 5).

Reflectance Index	Model	Equation
R_{1450}	Sigmoidal	$y = 0.0636 + \frac{0.2118}{(1 + (x/0.7973)^{6.9366})}$
R_{1599}	Sigmoidal	$y = 0.1977 + \frac{0.1995}{(1 + (x/0.8170)^{6.6457})}$
R_{1940}	Sigmoidal	$y = 0.0182 + \frac{0.0868}{(1 + (x/0.7905)^{9.7045})}$
R_{1450}/R_{820}	Linear	$y = 0.6150 - 0.4507 * x$
R_{1599}/R_{820}	Linear	$y = 0.7023 - 0.2994 * x$
R_{1940}/R_{820}	Linear	$y = 0.2786 - 0.2381 * x$
LWCI ₁₄₅₀	Sigmoidal	$y = 0.5811 + \frac{0.6045}{(1 + (x/0.8767)^{-5.6351})}$
LWCI ₁₅₉₉	2 nd -degree polynomial	$y = 0.6002 - 0.4522 * x + 0.8652 * x^2$
LWCI ₁₉₄₀	Sigmoidal	$y = 0.7960 + \frac{0.2245}{(1 + (x/0.8115)^{-9.1485})}$