Respiration fit for day 1 of 1998
S = −0.369050
H = −0.00000
Resp (umol m−2 s−1)
2
1
0
T (°C)
−25
−20
−15
−10
−5
0
5

Respiration fit for day 2 of 1998
S = −0.369008
H = −0.00000
Resp (umol m−2 s−1)
2
1
0
T (°C)
−25
−20
−15
−10
−5
0
5

Respiration fit for day 3 of 1998
S = −0.369008
H = −0.000000
Resp (umol m−2 s−1)
T (°C)
2
1
0
−25
−20
−15
−10
−5
0
5

Respiration fit for day 4 of 1998
S = −0.369034
H = −0.00000
Resp (umol m−2 s−1)
0
−1
−2
T (°C)
−25
−20
−15
−10
−5
0
5

Respiration fit for day 5 of 1998
S = −0.369097
H = −0.00000
Resp (umol m−2 s−1)
2
1
0
T (°C)
−25
−20
−15
−10
−5
0
5

Respiration fit for day 6 of 1998
S = −0.368821
H = −0.00000
Resp (umol m−2 s−1)
2
1
0
T (°C)
−25
−20
−15
−10
−5
0
5

Respiration fit for day 7 of 1998
S = −0.368695
H = −0.00000
Resp (umol m−2 s−1)
2
1
0
T (°C)
−25
−20
−15
−10
−5
0
5

Respiration fit for day 8 of 1998
S = −0.368604
H = −0.000000
Resp (umol m−2 s−1)
2
1
0
T (°C)
−25
−20
−15
−10
−5
0
5

Respiration fit for day 9 of 1998
S = −0.368544
H = −0.00000
Resp (umol m−2 s−1)
2
1
0
T (°C)
−25
−20
−15
−10
−5
0
5

Respiration fit for day 10 of 1998
S = −0.368669
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−25
−20
−15
−10
−5
0
5
0
−1
−2

Respiration fit for day 11 of 1998
S = −0.368880
H = −0.00000
Resp (umol m−2 s−1)
0
−1
−2
T (°C)
−25
−20
−15
−10
−5
0
5

Respiration fit for day 12 of 1998
S = −0.368805
H = −0.00000
Resp (umol m−2 s−1)
2
1
0
T (°C)
−25
−20
−15
−10
−5
0
5

Respiration fit for day 13 of 1998
S = −0.368834
H = −0.00000
Resp (umol m−2 s−1)
2
1
0
T (°C)
−25
−20
−15
−10
−5
0
5

Respiration fit for day 14 of 1998
S = −0.368776
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
2
1
0
−25
−20
−15
−10
−5
0
5

Respiration fit for day 15 of 1998
S = −0.368656
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
2
1
0
−25
−20
−15
−10
−5
0
5

Respiration fit for day 16 of 1998
S = −0.337593
H = 8.18609
Resp (umol m−2 s−1)
T (°C)
2
1
0
−25
−20
−15
−10
−5
0
5

Respiration fit for day 17 of 1998
S = −0.353177
H = 9.32340
Resp (umol m−2 s−1)
2
1
0
T (°C)
−25
−20
−15
−10
−5
0
5

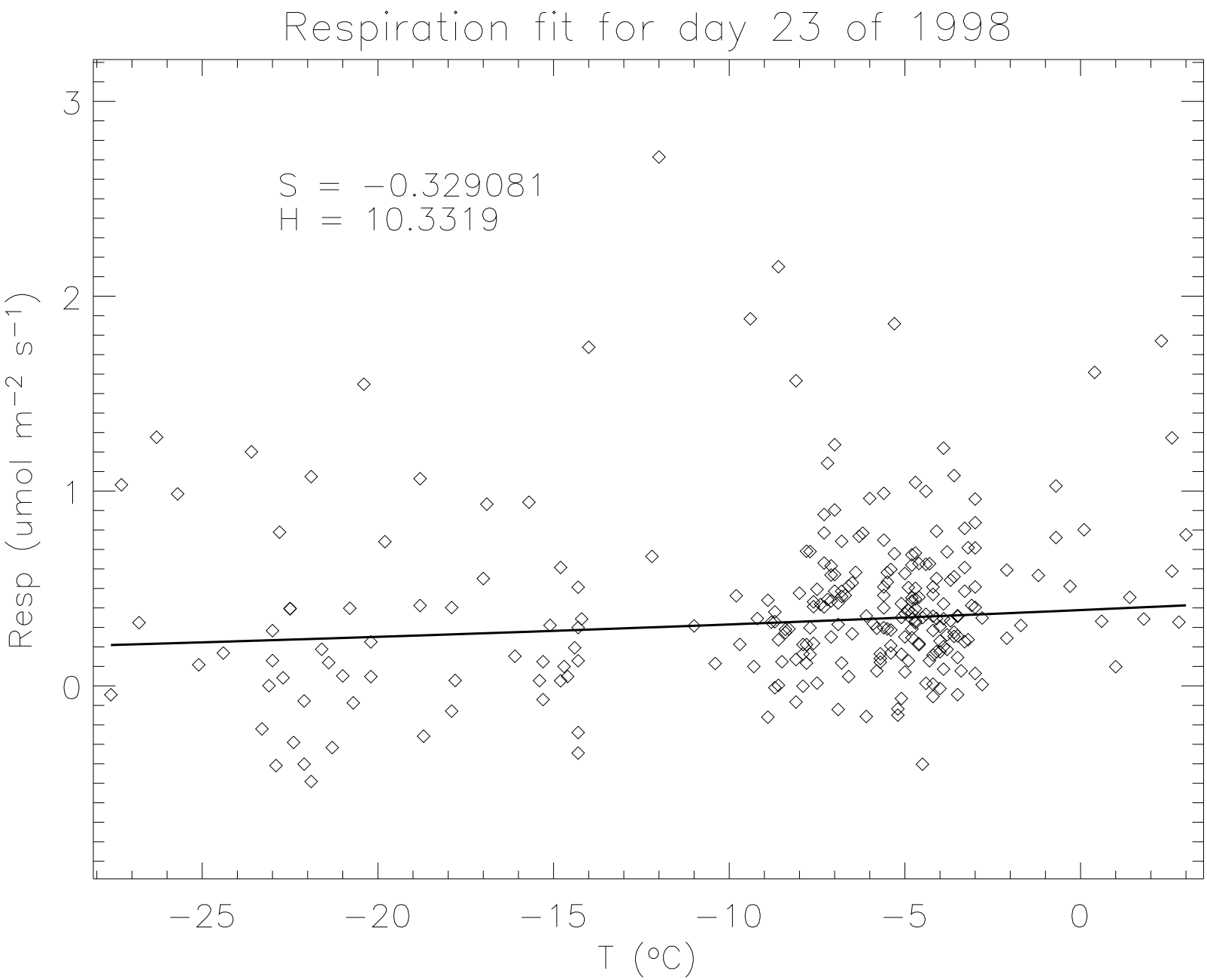
Respiration fit for day 18 of 1998
S = −0.331363
H = 9.79628
Resp (umol m−2 s−1)
T (°C)
2
1
0
−25
−20
−15
−10
−5
0
5

Respiration fit for day 19 of 1998
S = −0.332551
H = 9.47706
Resp (umol m−2 s−1)
2
1
0
T (°C)
−25
−20
−15
−10
−5
0

Respiration fit for day 20 of 1998
S = −0.353391
H = 8.95460
Resp (umol m−2 s−1)
3
2
1
0
T (°C)
−25
−20
−15
−10
−5
0

Respiration fit for day 21 of 1998
S = −0.353391
H = 8.95460
Resp (umol m−2 s−1)
3
2
1
0
T (°C)
−25
−20
−15
−10
−5
0

Respiration fit for day 22 of 1998
S = −0.328206
H = 10.5541
Resp (umol m−2 s−1)
3
2
1
0
T (°C)
−25
−20
−15
−10
−5
0


Respiration fit for day 23 of 1998
S = −0.329081
H = 10.3319
Resp (umol m−2 s−1)
3
2
1
0
−25
−20
−15
−10
−5
0
T (°C)

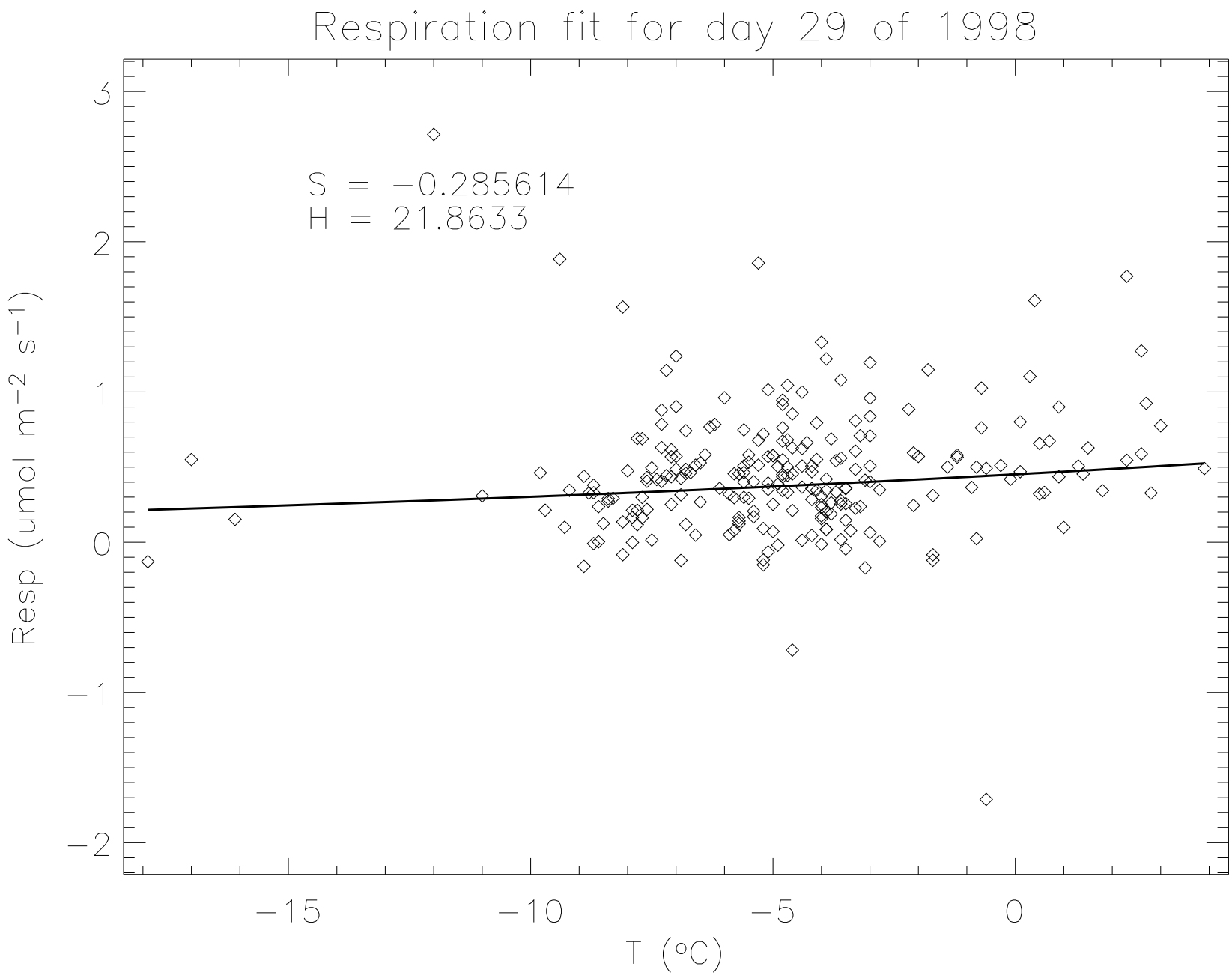
Respiration fit for day 24 of 1998
S = −0.324668
H = 11.4574
Resp (umol m−2 s−1)
3
2
1
0
T (°C)
−25
−20
−15
−10
−5
0

Respiration fit for day 25 of 1998
S = −0.319914
H = 12.7054
Resp (umol m−2 s−1)
3
2
1
0
−25
−20
−15
−10
−5
0
T (°C)

Respiration fit for day 26 of 1998
Resp (umol m-2 s-1)
3
2
1
0
T (°C)
0
−5
−10
−15
−20
−25
S = −0.3671105
H = −0.00000

Respiration fit for day 27 of 1998
S = −0.366969
H = −0.00000
Resp (umol m⁻² s⁻¹)
3
2
1
0
−1
−2
T (°C)
0
−5
−10
−15
−20
−25

Respiration fit for day 28 of 1998
S = −0.367008
H = −0.00000
Resp (umol m⁻² s⁻¹)
3
2
1
0
−1
−2
T (°C)
0
−5
−10
−15
−20
−25


Respiration fit for day 29 of 1998
S = −0.285614
H = 21.8633
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−2
−15
−10
−5
0

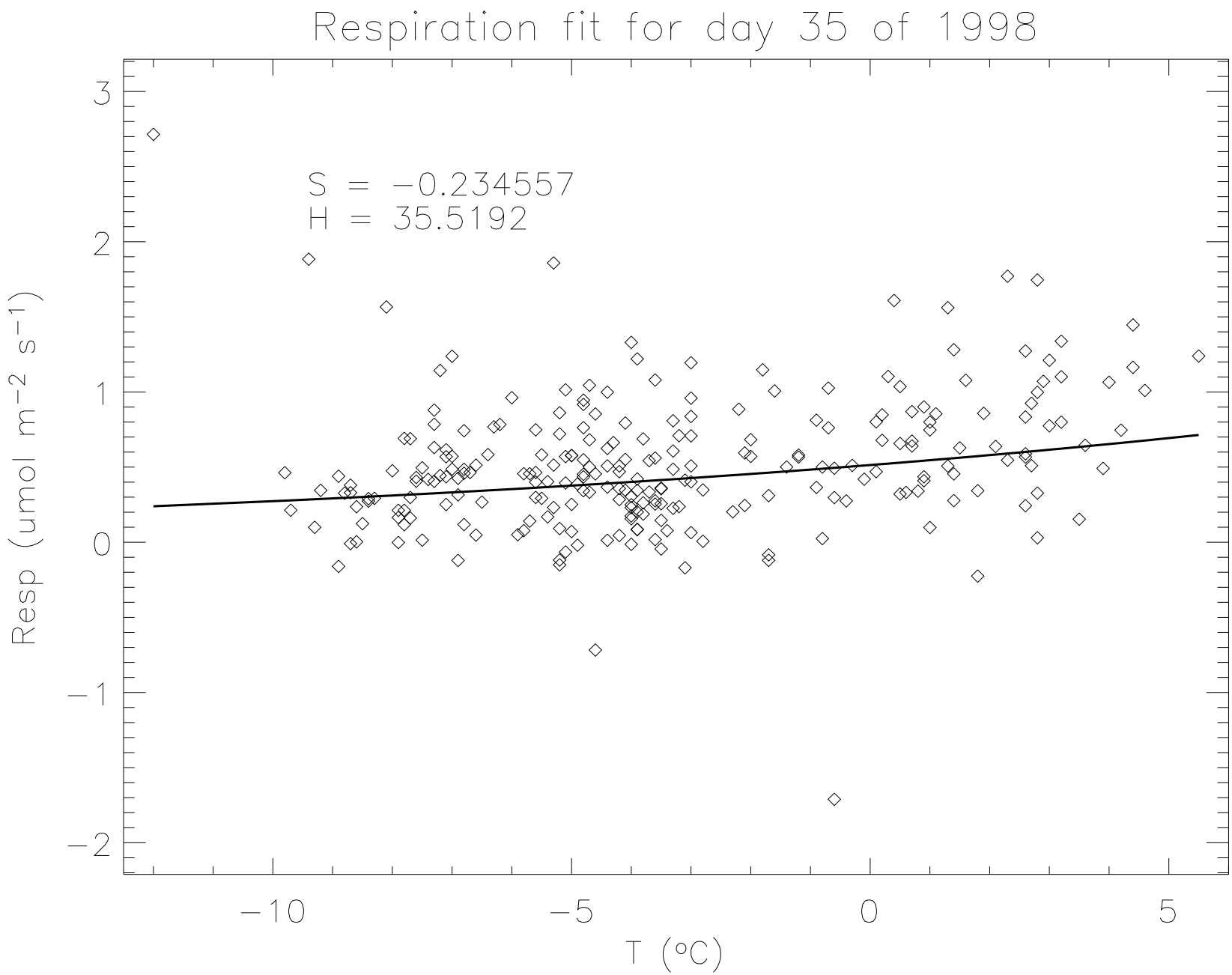
Respiration fit for day 30 of 1998
S = −0.276369
H = 24.3454
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−2
0
−5
−10

Respiration fit for day 31 of 1998
S = −0.295310
H = 19.2746
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−2
0
−5
−10

Respiration fit for day 32 of 1998
S = −0.260944
H = 28.4956
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
−2
−1
0
1
2
3

Respiration fit for day 33 of 1998
S = −0.244718
H = 32.8310
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
−2
−1
0
1
2
3

Respiration fit for day 34 of 1998
S = −0.231734
H = 36.2937
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
−2
−1
0
1
2
3


Respiration fit for day 35 of 1998
S = −0.234557
H = 35.5192
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−2
−10
−5
0
5

Respiration fit for day 36 of 1998
S = −0.239742
H = 34.0857
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
−2
−1
0
1
2
3

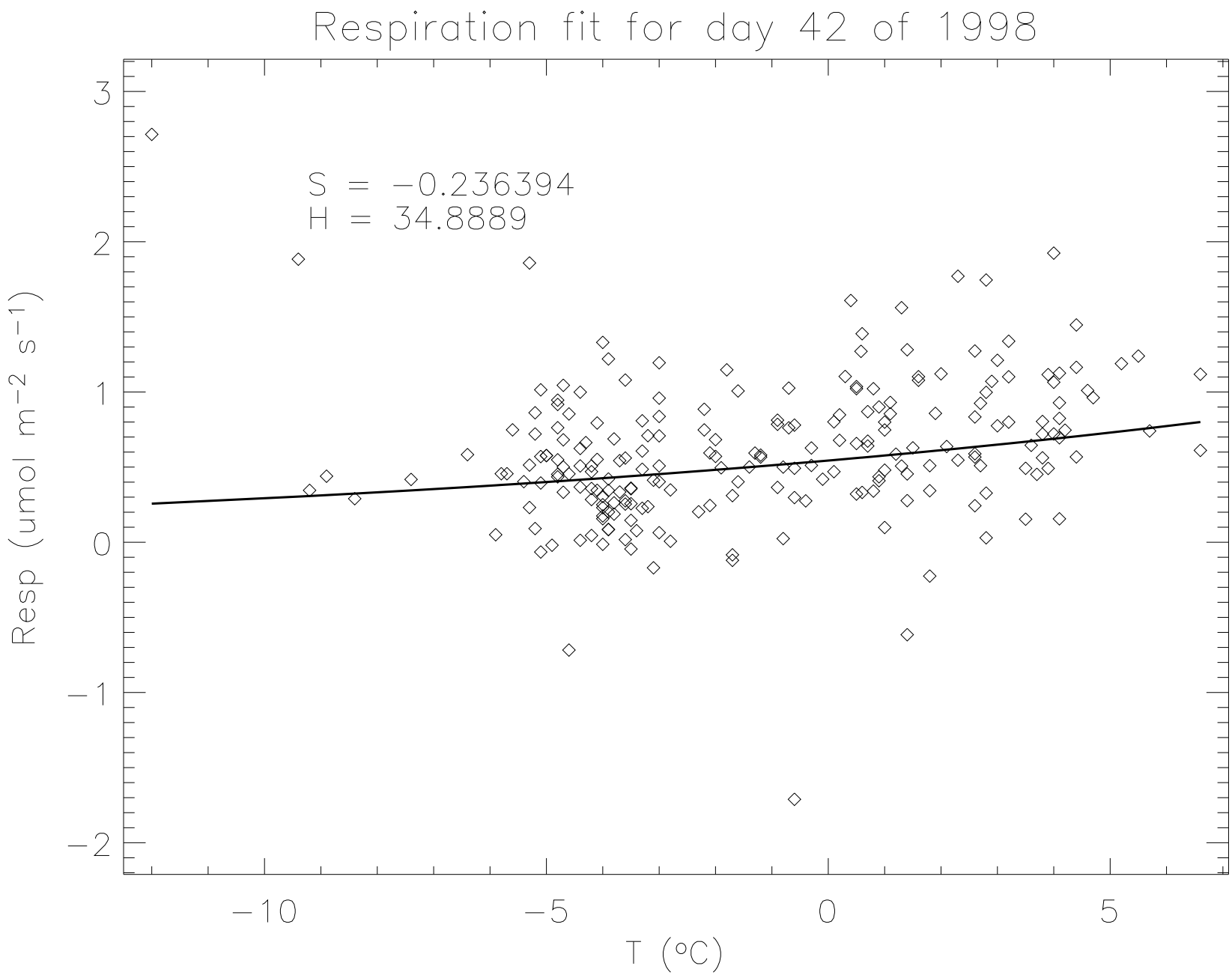
Respiration fit for day 37 of 1998
S = −0.228400
H = 37.1863
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−2
5
0
−5
−10

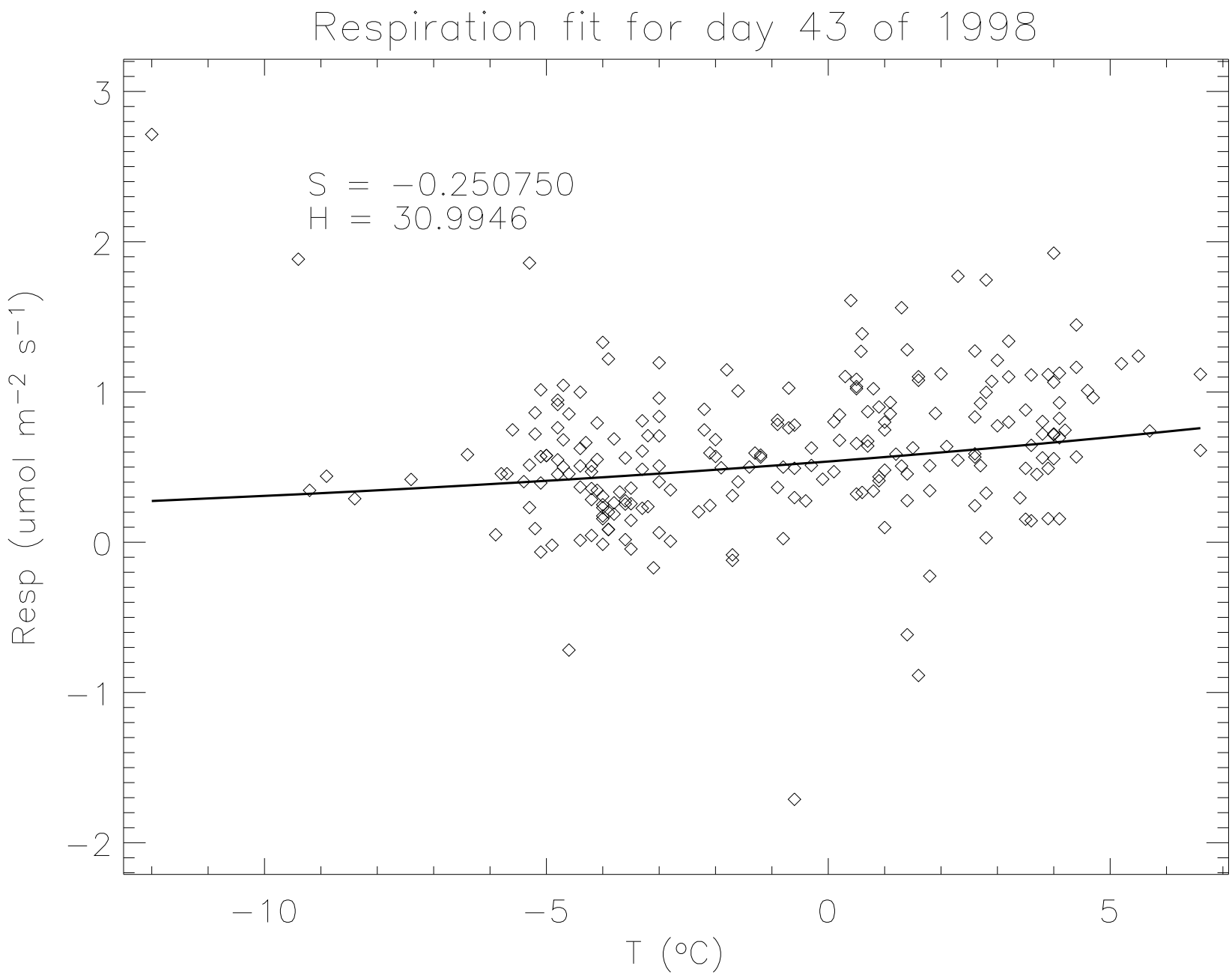
Respiration fit for day 38 of 1998
S = −0.215823
H = 40.5880
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
−2
−1
0
1
2
3

Respiration fit for day 39 of 1998
S = −0.199615
H = 44.9628
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
−2
−1
0
1
2
3

Respiration fit for day 40 of 1998
S = −0.193430
H = 46.6528
Resp (umol m^{-2} s^{-1})
T (°C)
−10
−5
0
5
−2
−1
0
1
2
3

Respiration fit for day 41 of 1998
S = −0.199908
H = 44.8547
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
−2
−1
0
1
2
3

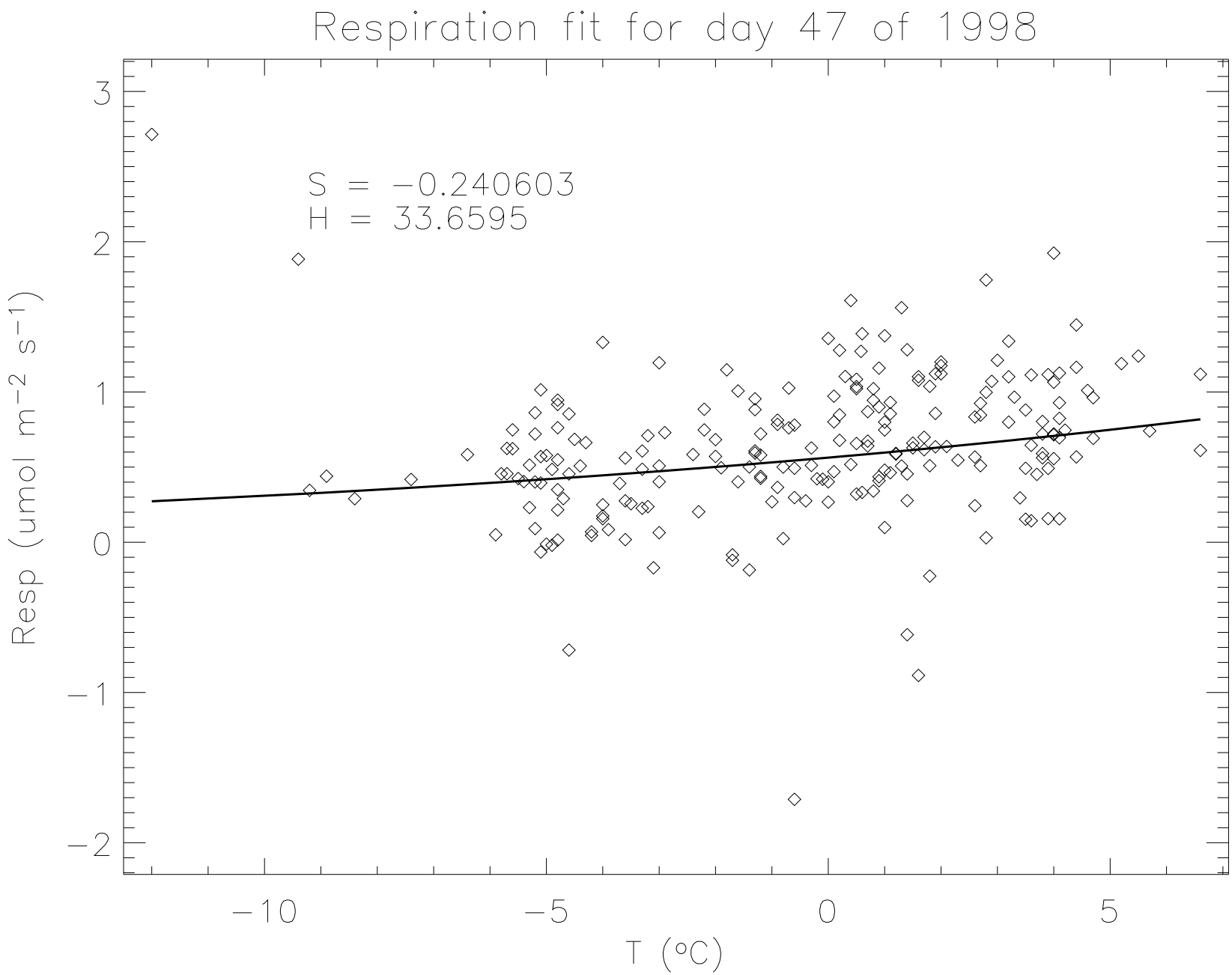

Respiration fit for day 42 of 1998
S = −0.236394
H = 34.8889
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−2
−10
−5
0
5


Respiration fit for day 43 of 1998
S = −0.250750
H = 30.9946
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−2
−10
−5
0
5

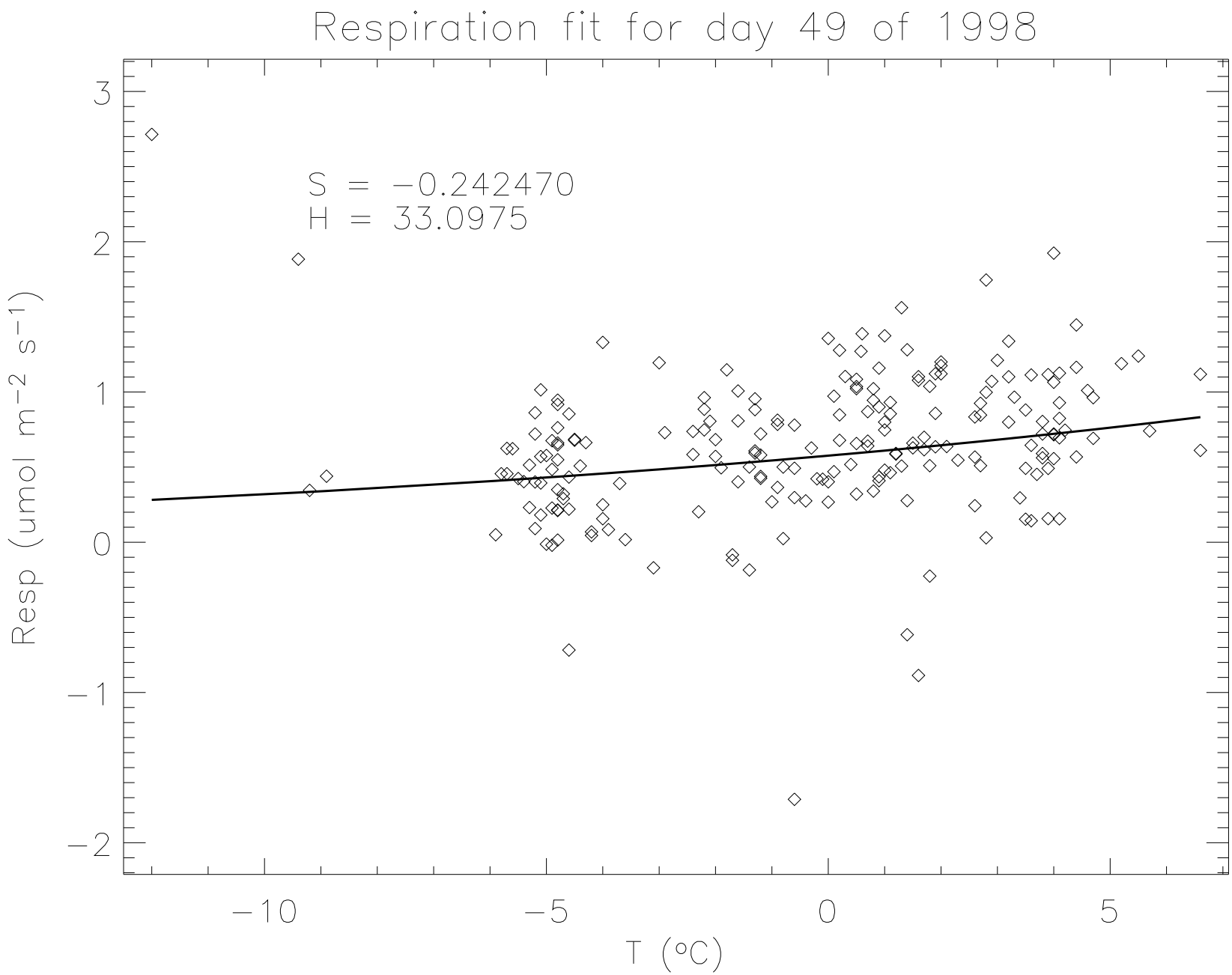
Respiration fit for day 44 of 1998
S = −0.255113
H = 29.7098
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
−2
−1
0
1
2
3

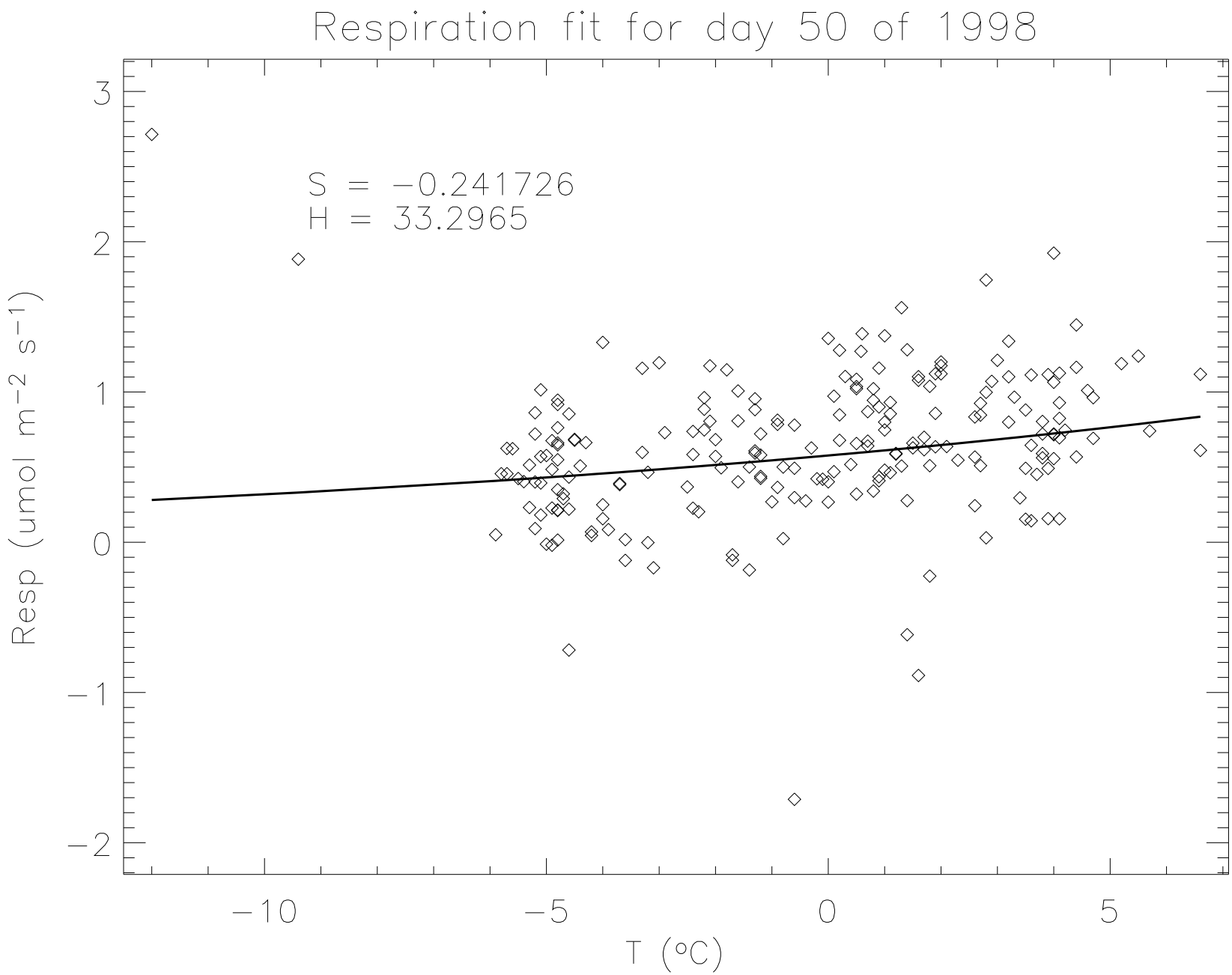
Respiration fit for day 45 of 1998
S = −0.2572795
H = 29.0622
Resp (umol m−2 s−1)
3
2
1
0
−1
−2
−10
−5
0
5
T (°C)

Respiration fit for day 46 of 1998
S = −0.258718
H = 28.6579
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
−2
−1
0
1
2
3


Respiration fit for day 47 of 1998
S = −0.240603
H = 33.6595
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−2
−10
−5
0
5

Respiration fit for day 48 of 1998
S = −0.235595
H = 35.0232
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
−2
−1
0
1
2
3


Respiration fit for day 49 of 1998
S = −0.242470
H = 33.0975
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−2
−10
−5
0
5


Respiration fit for day 50 of 1998
S = −0.241726
H = 33.2965
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−2
−10
−5
0
5

Respiration fit for day 51 of 1998
S = −0.208538
H = 42.3522
Resp (umol m−2 s−1)
T (°C)
2
1
0
−1
−2
−6
−4
−2
0
2
4
6

Respiration fit for day 52 of 1998
S = −0.212915
H = 41.1431
Resp (umol m−2 s−1)
T (°C)
2
1
0
−1
−2
−6
−4
−2
0
2
4
6

Respiration fit for day 53 of 1998
S = −0.242130
H = 33.1495
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
−2
−1
0
1
2

Respiration fit for day 54 of 1998
S = −0.259402
H = 28.4295
Resp (umol m−2 s−1)
2
1
0
−1
−2
T (°C)
5
0
−5
−10
−15

Respiration fit for day 55 of 1998
S = −0.275362
H = 24.0749
Resp (umol m−2 s−1)
T (°C)
−15
−10
−5
0
5
−2
−1
0
1
2

Respiration fit for day 56 of 1998
S = −0.279293
H = 22.9769
Resp (umol m−2 s−1)
T (°C)
−15
−10
−5
0
5
−2
−1
0
1
2

Respiration fit for day 57 of 1998
S = −0.271342
H = 25.1609
Resp (umol m−2 s−1)
T (°C)
2
1
0
−1
−2
−15
−10
−5
0
5

Respiration fit for day 58 of 1998
S = −0.276661
H = 23.6548
Resp (umol m−2 s−1)
2
1
0
−1
T (°C)
5
0
−5
−10
−15

Respiration fit for day 59 of 1998
S = −0.279056
H = 22.9585
Resp (umol m−2 s−1)
2
1
0
−1
T (°C)
−15
−10
−5
0
5

Respiration fit for day 60 of 1998
S = −0.2823397
H = 22.0412
Resp (umol m−2 s−1)
2
1
0
−1
T (°C)
5
0
−5
−10
−15

Respiration fit for day 61 of 1998
S = −0.280961
H = 22.4052
Resp (umol m−2 s−1)
2
1
0
−1
T (°C)
5
0
−5
−10
−15

Respiration fit for day 62 of 1998
S = −0.272229
H = 24.6953
Resp (umol m−2 s−1)
2
1
0
−1
T (°C)
5
0
−5
−10
−15

Respiration fit for day 63 of 1998
S = −0.277294
H = 23.3412
Resp (umol m−2 s−1)
2
1
0
−1
T (°C)
5
0
−5
−10
−15

Respiration fit for day 64 of 1998
S = −0.277108
H = 23.4002
Resp (umol m−2 s−1)
2
1
0
−1
T (°C)
5
0
−5
−10
−15

Respiration fit for day 65 of 1998
S = −0.280419
H = 22.5297
Resp (umol m−2 s−1)
2
1
0
−1
T (°C)
5
0
−5
−10
−15

Respiration fit for day 66 of 1998
S = −0.280419
H = 22.5297
Resp (umol m−2 s−1)
2
1
0
−1
T (°C)
5
0
−5
−10
−15

Respiration fit for day 67 of 1998
S = −0.280661
H = 22.4669
Resp (umol m−2 s−1)
2
1
0
−1
T (°C)
5
0
−5
−10
−15

Respiration fit for day 68 of 1998
S = −0.286622
H = 20.8882
Resp (umol m−2 s−1)
2
1
0
−1
T (°C)
5
0
−5
−10
−15

Respiration fit for day 69 of 1998
S = −0.287130
H = 20.77735
Resp (umol m−2 s−1)
2
1
0
−1
T (°C)
5
0
−5
−10
−15

Respiration fit for day 70 of 1998
S = −0.279000
H = 22.9715
Resp (umol m−2 s−1)
T (°C)
−15
−10
−5
0
5
10
15
−1
0
1
2

Respiration fit for day 71 of 1998
S = −0.272326
H = 24.7609
Resp (umol m−2 s−1)
T (°C)
−15
−10
−5
0
5
10
15
−1
0
1
2

Respiration fit for day 72 of 1998
S = −0.286072
H = 21.0846
Resp (umol m−2 s−1)
T (°C)
−15
−10
−5
0
5
10
15
−1
0
1
2

Respiration fit for day 73 of 1998
S = −0.285689
H = 21.1854
Resp (umol m−2 s−1)
T (°C)
−15
−10
−5
0
5
10
15
−1
0
1
2

Respiration fit for day 74 of 1998
S = −0.280568
H = 22.5390
Resp (umol m−2 s−1)
T (°C)
2
1
0
−1
−15
−10
−5
0
5
10
15

Respiration fit for day 75 of 1998
S = −0.280383
H = 22.5741
Resp (umol m−2 s−1)
T (°C)
2
1
0
−1
−15
−10
−5
0
5
10
15

Respiration fit for day 76 of 1998
S = −0.2824461
H = 22.0366
Resp (umol m−2 s−1)
T (°C)
2
1
0
−1
−15
−10
−5
0
5
10
15

Respiration fit for day 77 of 1998
S = −0.283712
H = 21.7133
Resp (umol m−2 s−1)
T (°C)
2
1
0
−1
−15
−10
−5
0
5
10
15

Respiration fit for day 78 of 1998
S = −0.285855
H = 20.9972
Resp (umol m−2 s−1)
T (°C)
2
1
0
−1
−15
−10
−5
0
5
10
15

Respiration fit for day 79 of 1998
S = −0.289377
H = 19.9869
Resp (umol m−2 s−1)
T (°C)
2
1
0
−1
−15
−10
−5
0
5
10
15

Respiration fit for day 80 of 1998
S = −0.2794356
H = 22.6259
Resp (umol m−2 s−1)
T (°C)
4
3
2
1
0
−1
−15
−10
−5
0
5
10
15

Respiration fit for day 81 of 1998
S = −0.277619
H = 23.0866
Resp (umol m−2 s−1)
T (°C)
4
3
2
1
0
−1
−15
−10
−5
0
5
10
15

Respiration fit for day 82 of 1998
S = −0.273644
H = 24.1785
Resp (umol m−2 s−1)
T (°C)
4
3
2
1
0
−1
−15
−10
−5
0
5
10
15

Respiration fit for day 83 of 1998
S = −0.269205
H = 25.2961
Resp (umol m−2 s−1)
T (°C)
4
3
2
1
0
−1
−15
−10
−5
0
5
10
15

Respiration fit for day 84 of 1998
S = −0.2684965
H = 25.4578
Resp (umol m−2 s−1)
T (°C)
−15
−10
−5
0
5
10
15
−1
0
1
2
3
4

Respiration fit for day 85 of 1998
S = −0.2613397
H = 27.37334
Resp (umol m−2 s−1)
T (°C)
4
3
2
1
0
−1
−15
−10
−5
0
5
10
15

Respiration fit for day 86 of 1998
S = −0.250288
H = 30.3923
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−1
0
1
2
3
4

Respiration fit for day 87 of 1998
S = −0.216022
H = 39.7899
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−1
0
1
2
3
4

Respiration fit for day 88 of 1998
S = −0.220153
H = 38.5422
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−1
0
1
2
3
4

Respiration fit for day 89 of 1998
S = −0.202154
H = 43.7300
Resp (umol m−2 s−1)
T (°C)
−1
0
1
2
3
4
0
5
10
15

Respiration fit for day 90 of 1998
S = −0.200793
H = 44.1194
Resp (umol m−2 s−1)
T (°C)
4
3
2
1
0
−1
0
5
10
15

Respiration fit for day 91 of 1998
S = −0.205136
H = 42.8940
Resp (umol m−2 s−1)
T (°C)
4
3
2
1
0
−1
0
5
10
15

Respiration fit for day 92 of 1998
S = −0.205816
H = 42.7064
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
−1
0
1
2
3
4

Respiration fit for day 93 of 1998
S = −0.192747
H = 46.3979
Resp (umol m−2 s−1)
T (°C)
−1
0
1
2
3
4
0
5
10
15

Respiration fit for day 94 of 1998
S = −0.189317
H = 47.3631
Resp (umol m−2 s−1)
T (°C)
4
3
2
1
0
−1
0
5
10
15

Respiration fit for day 95 of 1998
S = −0.193654
H = 46.1428
Resp (umol m−2 s−1)
T (°C)
−1
0
1
2
3
4
0
5
10
15

Respiration fit for day 96 of 1998
S = −0.193654
H = 46.1428
Resp (umol m^{-2} s^{-1})
T (°C)
−1
0
1
2
3
4
0
5
10
15

Respiration fit for day 97 of 1998
S = −0.193654
H = 46.1428
Resp (umol m−2 s−1)
T (°C)
−1
0
1
2
3
4
0
5
10
15

Respiration fit for day 98 of 1998
S = −0.193654
H = 46.1428
Resp (umol m⁻² s⁻¹)
T (°C)
−1
0
1
2
3
4
0
5
10
15

Respiration fit for day 99 of 1998
S = −0.202615
H = 43.5732
Resp (umol m−2 s−1)
T (°C)
−1
0
1
2
3
4
0
5
10
15

Respiration fit for day 100 of 1998
S = −0.213724
H = 40.4029
Resp (umol m−2 s−1)
4
3
2
1
0
−1
T (°C)
0
5
10
15

Respiration fit for day 101 of 1998
S = −0.197931
H = 44.7567
Resp (umol m⁻² s⁻¹)
T (°C)
4
3
2
1
0
−1
0
5
10
15

Respiration fit for day 102 of 1998
S = −0.194691
H = 45.6492
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
−1
0
1
2
3
4

Respiration fit for day 103 of 1998
S = −0.194692
H = 45.6460
Resp (umol m⁻² s⁻¹)
T (°C)
4
3
2
1
0
−1
0
5
10
15

Respiration fit for day 104 of 1998
S = −0.194692
H = 45.6460
Resp (umol m^{-2} s^{-1})
T (°C)
4
3
2
1
0
−1
0
5
10
15

Respiration fit for day 105 of 1998
S = −0.188330
H = 47.3519
Resp (umol m−2 s−1)
T (°C)
4
3
2
1
0
−1
0
5
10
15

Respiration fit for day 106 of 1998
S = −0.187560
H = 47.5627
Resp (umol m−2 s−1)
T (°C)
4
3
2
1
0
−1
0
5
10
15

Respiration fit for day 107 of 1998
S = −0.187560
H = 47.5627
Resp (umol m−2 s−1)
T (°C)
4
3
2
1
0
−1
0
5
10
15

Respiration fit for day 108 of 1998
S = −0.186307
H = 47.8578
Resp (umol m−2 s−1)
T (°C)
4
3
2
1
0
−1
0
5
10
15

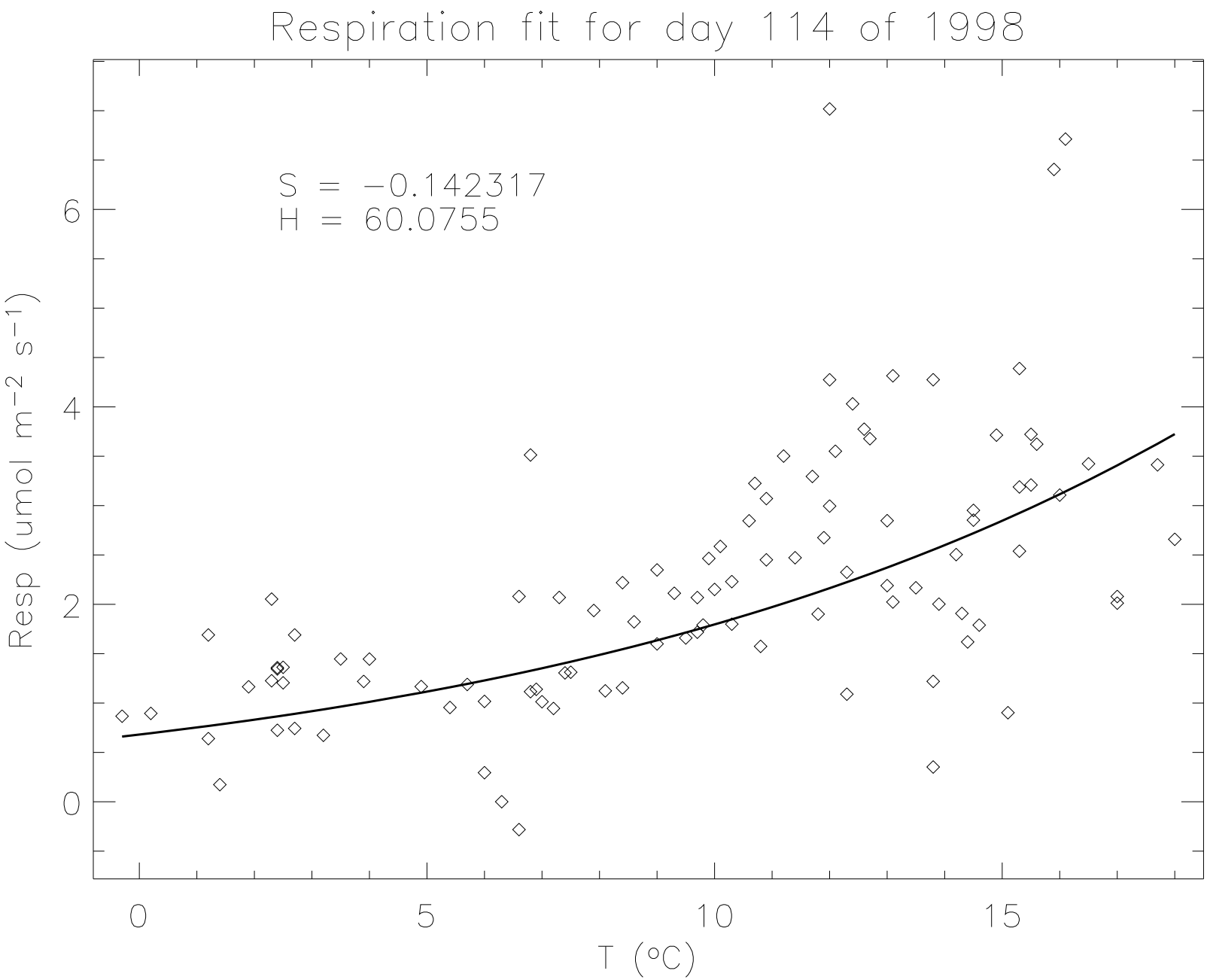
Respiration fit for day 109 of 1998
S = −0.158372
H = 55.6368
Resp (umol m−2 s−1)
T (°C)
0
2
4
6
0
5
10
15

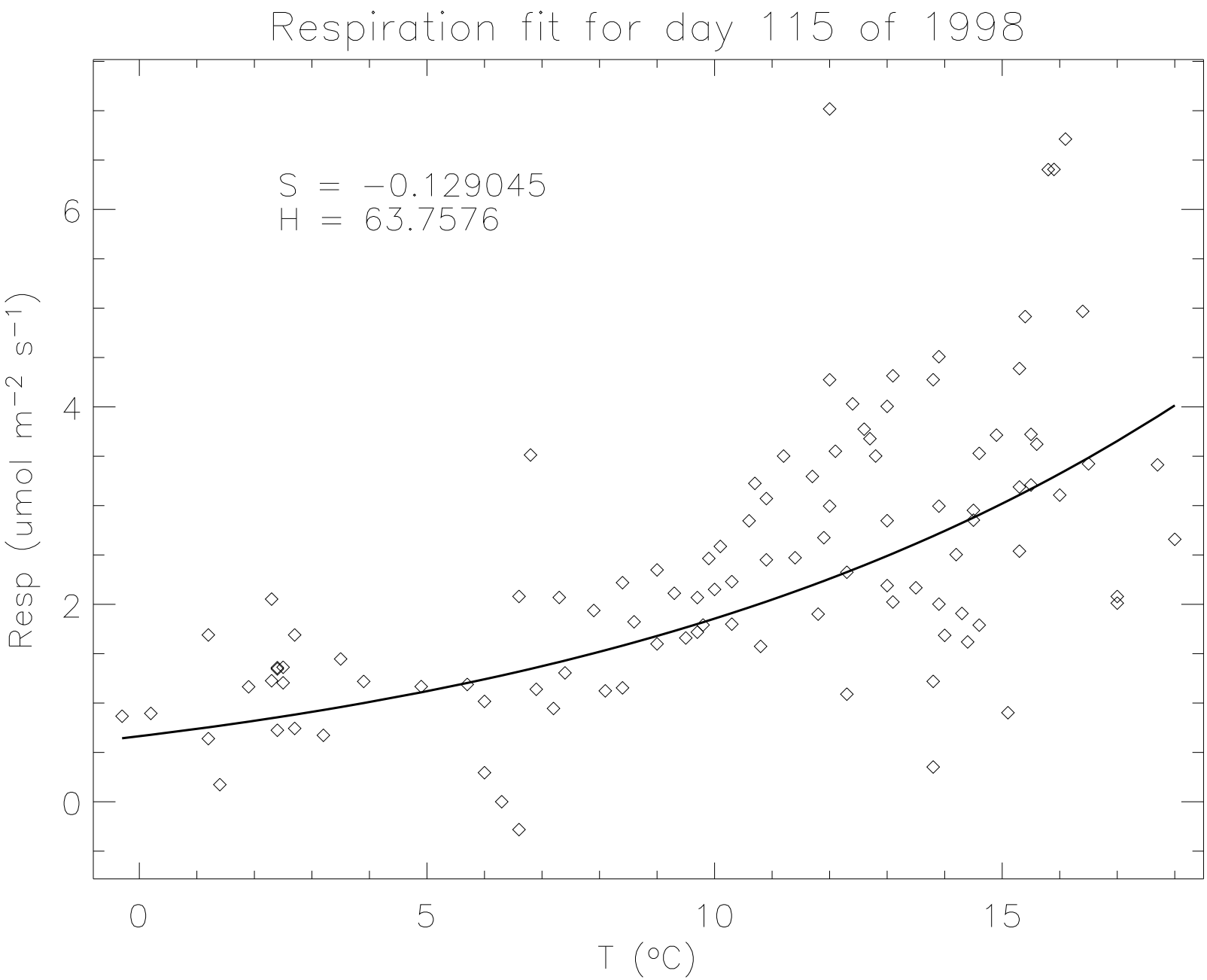
Respiration fit for day 110 of 1998
S = −0.152171
H = 57.2959
Resp (umol m−2 s−1)
T (°C)
0
2
4
6
0
5
10
15

Respiration fit for day 111 of 1998
S = −0.170453
H = 52.0609
Resp (umol m−2 s−1)
T (°C)
0
2
4
6
0
5
10
15

Respiration fit for day 112 of 1998
S = −0.1612965
H = 54.6397
Resp (umol m−2 s−1)
0
2
4
6
T (°C)
0
5
10
15

Respiration fit for day 113 of 1998
S = −0.159428
H = 55.1591
Resp (umol m−2 s−1)
0
2
4
6
T (°C)
0
5
10
15


Respiration fit for day 114 of 1998
S = −0.142317
H = 60.0755
Resp (umol m−2 s−1)
0
2
4
6
0
5
10
15
T (°C)


Respiration fit for day 115 of 1998
S = −0.129045
H = 63.7576
Resp (umol m−2 s−1)
0
2
4
6
0
5
10
15
T (°C)

Respiration fit for day 116 of 1998
S = −0.09451885
H = 73.55514
Resp (umol m−2 s−1)
0
2
4
6
T (°C)
0
5
10
15

Respiration fit for day 117 of 1998
S = −0.0603571
H = 83.3130
Resp (umol m−2 s−1)
T (°C)
0
2
4
6
8
10
5
10
15
20
25

Respiration fit for day 118 of 1998
S = −0.0661599
H = 81.7115
Resp (umol m−2 s−1)
T (°C)
0
2
4
6
8
10
5
10
15
20
25

Respiration fit for day 119 of 1998
S = −0.05432992
H = 85.0143
Resp (umol m−2 s−1)
T (°C)
0
2
4
6
8
10
5
10
15
20
25

Respiration fit for day 120 of 1998
S = −0.09319550
H = 73.8996
Resp (umol m−2 s−1)
T (°C)
10
8
6
4
2
0
−2
−4
5
10
15
20
25

Respiration fit for day 121 of 1998
S = −0.103919
H = 70.8749
Resp (umol m−2 s−1)
10
5
0
5
T (°C)
5
10
15
20
25

Respiration fit for day 122 of 1998
S = −0.100629
H = 71.8308
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
25
−5
0
5
10

Respiration fit for day 123 of 1998
S = −0.197056
H = 43.8442
Resp (umol m−2 s−1)
10
5
0
5
10
15
20
25
T (°C)

Respiration fit for day 124 of 1998
S = −0.228772
H = 34.6778
Resp (umol m−2 s−1)
10
5
0
5
10
T (°C)
10
15
20
25

Respiration fit for day 125 of 1998
S = −0.228772
H = 34.6778
Resp (umol m−2 s−1)
10
5
0
5
10
T (°C)
10
15
20
25

Respiration fit for day 126 of 1998
S = −0.228772
H = 34.6778
Resp (umol m−2 s−1)
10
5
0
5
10
T (°C)
10
15
20
25

Respiration fit for day 127 of 1998
S = −0.231078
H = 34.0100
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
5
10
15
20
25

Respiration fit for day 128 of 1998
S = −0.231078
H = 34.0100
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
5
10
15
20
25

Respiration fit for day 129 of 1998
S = −0.231724
H = 33.8156
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
10
15
20
25

Respiration fit for day 130 of 1998
S = −0.236709
H = 32.3609
Resp (umol m−2 s−1)
10
5
0
5
T (°C)
5
10
15
20
25

Respiration fit for day 131 of 1998
S = −0.2364185
H = 32.4936
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
10
15
20
25

Respiration fit for day 132 of 1998
S = −0.233241
H = 33.3298
Resp (umol m−2 s−1)
T (°C)
10
5
0
5
10
15
20
25

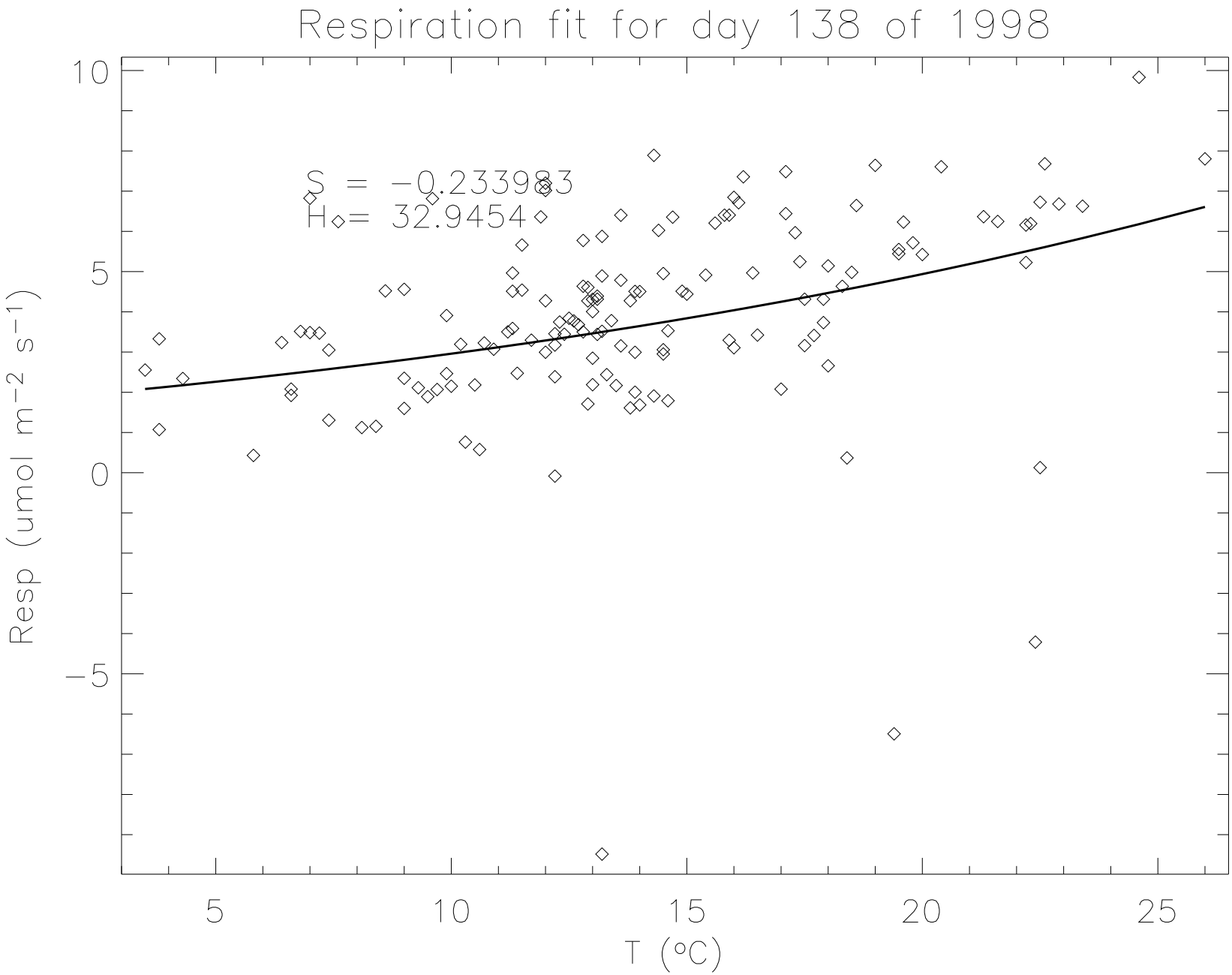
Respiration fit for day 133 of 1998
S = −0.229598
H = 34.3603
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
5
10
15
20
25

Respiration fit for day 134 of 1998
S = −0.229472
H = 34.4580
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
10
15
20
25

Respiration fit for day 135 of 1998
S = −0.244067
H = 30.1294
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
25
−5
0
5
10

Respiration fit for day 136 of 1998
S = −0.233754
H = 33.1319
Resp (umol m−2 s−1)
T (°C)
10
5
0
5
10
15
20
25

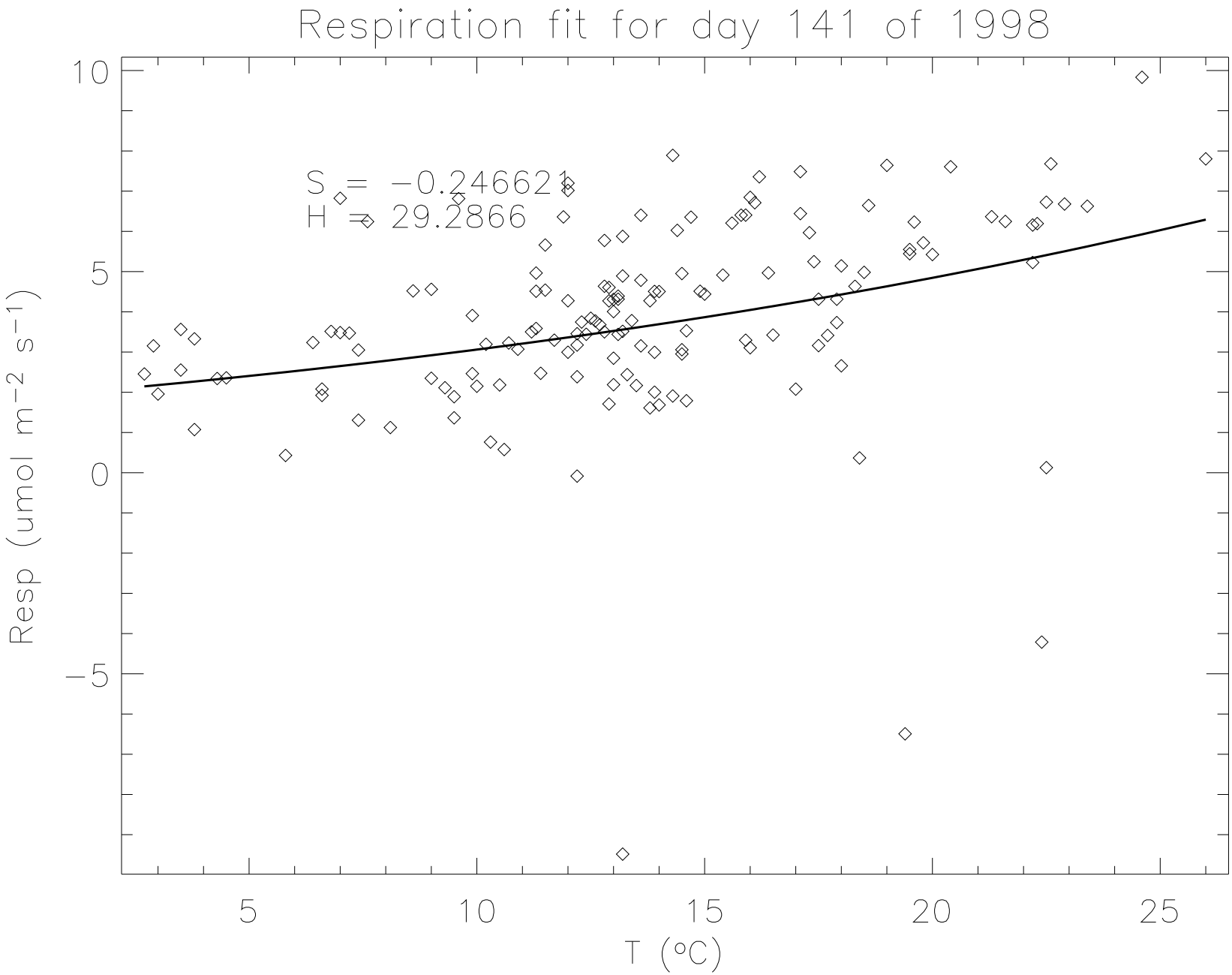
Respiration fit for day 137 of 1998
S = −0.239591
H◇= 31.4156◇
Resp (umol m−2 s−1)
T (°C)
10
5
0
5
10
5
10
15
20
25



Respiration fit for day 138 of 1998
S = −0.233983
H = 32.9454
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
5
10
15
20
25

Respiration fit for day 139 of 1998
S = −0.24662
H = 29.2866
Resp (umol m−2 s−1)
T (°C)
10
5
0
5
10
5
10
15
20
25

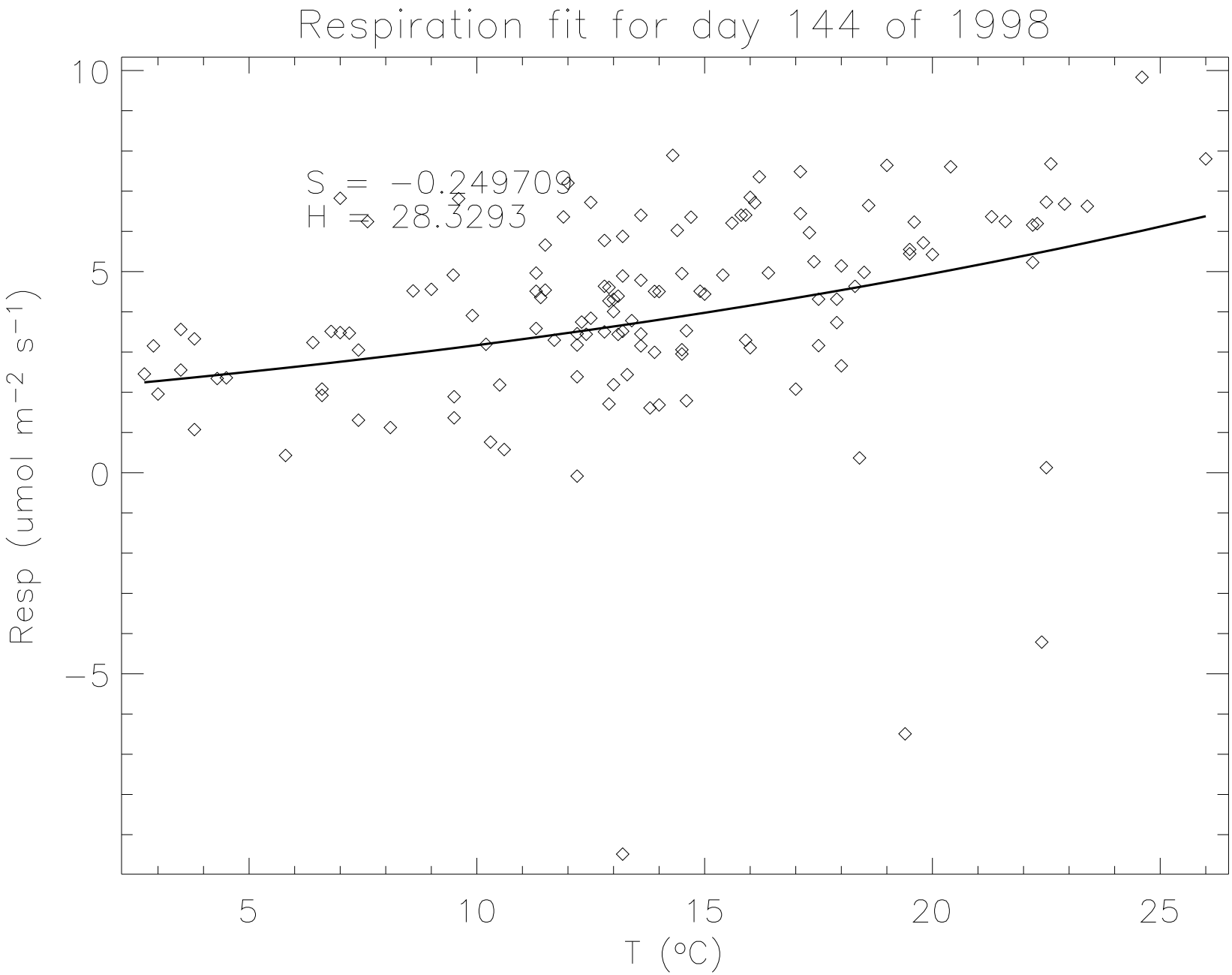
Respiration fit for day 140 of 1998
S = −0.24662
H = 29.2866
Resp (umol m−2 s−1)
10
5
0
5
10
T (°C)
5
10
15
20
25



Respiration fit for day 141 of 1998
S = −0.246621
H = 29.2866
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
5
10
15
20
25

Respiration fit for day 142 of 1998
S = −0.24531
H = 29.6544
Resp (umol m−2 s−1)
T (°C)
10
5
0
5
10
5
10
15
20
25

Respiration fit for day 143 of 1998
S = −0.244978
H = 29.7315
Resp (umol m−2 s−1)
T (°C)
10
5
0
5
10
5
10
15
20
25



Respiration fit for day 144 of 1998
S = −0.249709
H = 28.3293
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
5
10
15
20
25

Respiration fit for day 145 of 1998
S = -0.258900
H = 25.6310
Resp (umol m-2 s-1)
T (°C)
10
5
0
5
10
5
10
15
20
25

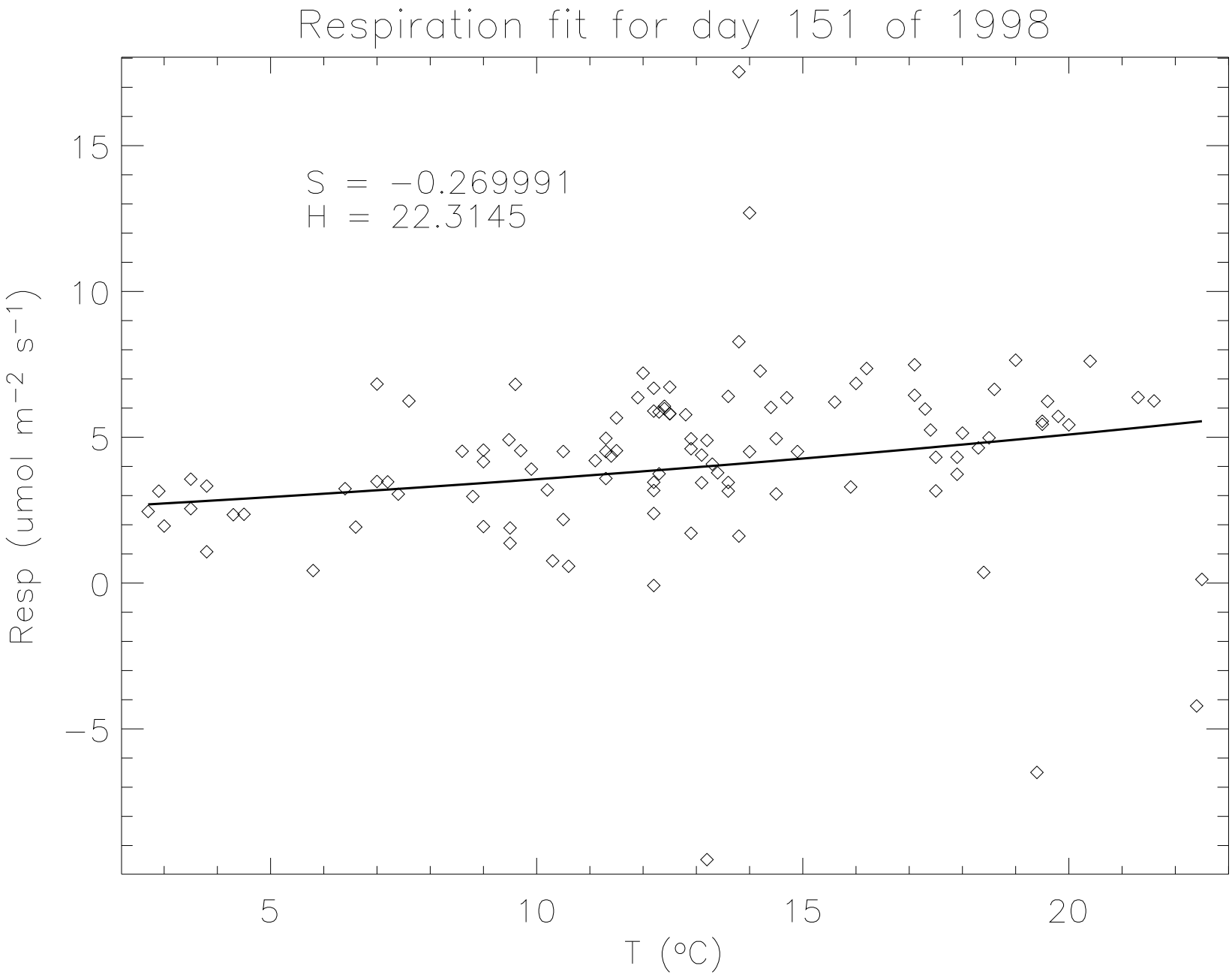
Respiration fit for day 146 of 1998
S = −0.258487
H = 25.7044
Resp (umol m−2 s−1)
T (°C)
10
5
0
5
10
5
10
15
20
25

Respiration fit for day 147 of 1998
S = −0.257418
H = 25.9455
Resp (umol m−2 s−1)
T (°C)
10
5
0
5
10
5
10
15
20
25

Respiration fit for day 148 of 1998
S = −0.2561777
H = 26.2233
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
25
15
10
5
0
5

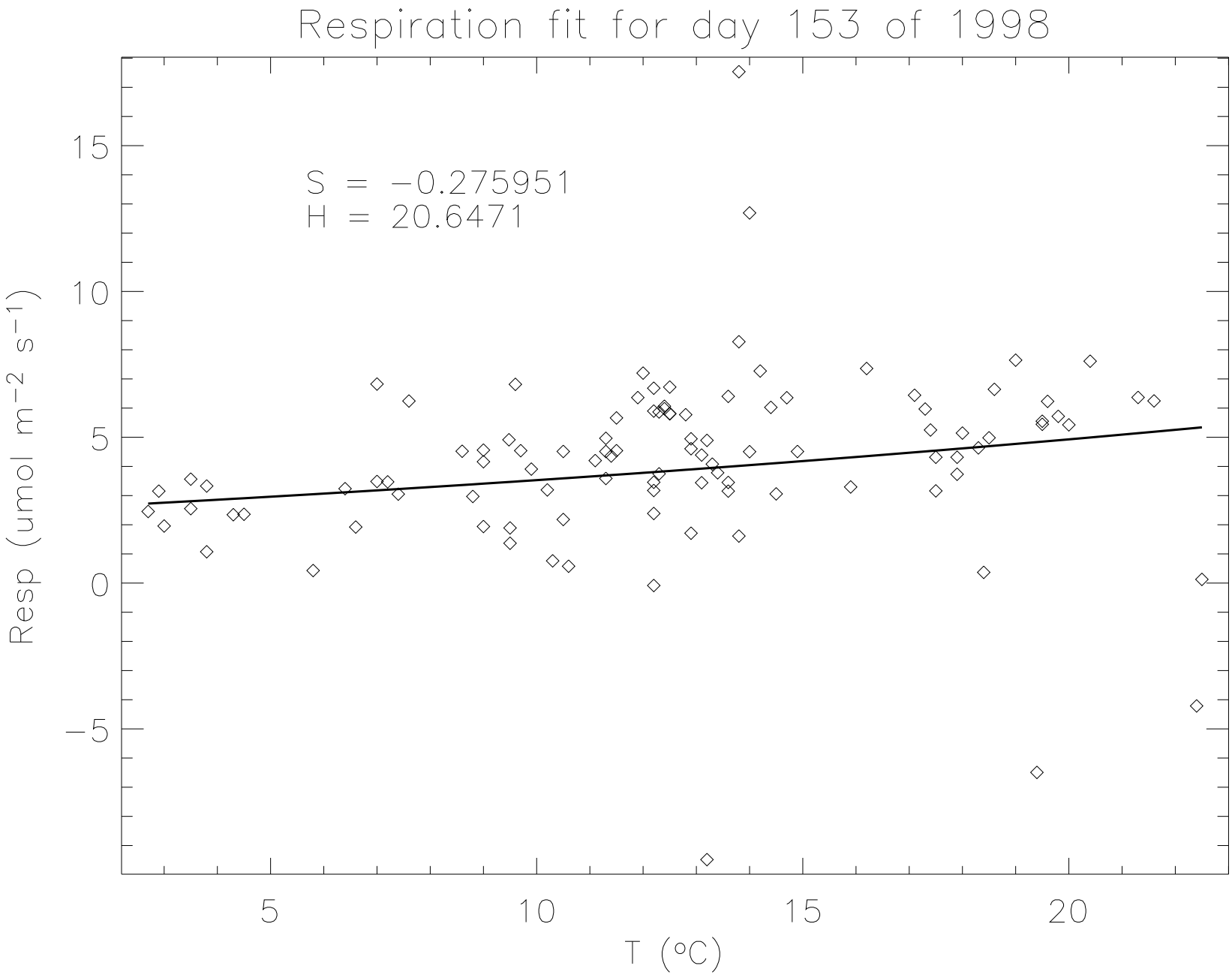
Respiration fit for day 149 of 1998
S = −0.2562773
H = 26.1996
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
25
−5
0
5
10
15

Respiration fit for day 150 of 1998
S = −0.2643239
H = 23.91667
Resp (umol m−2 s−1)
15
10
5
0
5
10
15
5
10
15
20
T (°C)



Respiration fit for day 151 of 1998
S = −0.269991
H = 22.3145
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
5
10
15
20

Respiration fit for day 152 of 1998
S = −0.2759551
H = 20.6471
Resp (umol m−2 s−1)
15
10
5
0
5
10
15
T (°C)
5
10
15
20



Respiration fit for day 153 of 1998
S = −0.275951
H = 20.6471
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
5
10
15
20

Respiration fit for day 154 of 1998
S = −0.2759551
H = 20.6471
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
0
5
10
15

Respiration fit for day 155 of 1998
S = −0.2759551
H = 20.6471
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
15
10
5
0

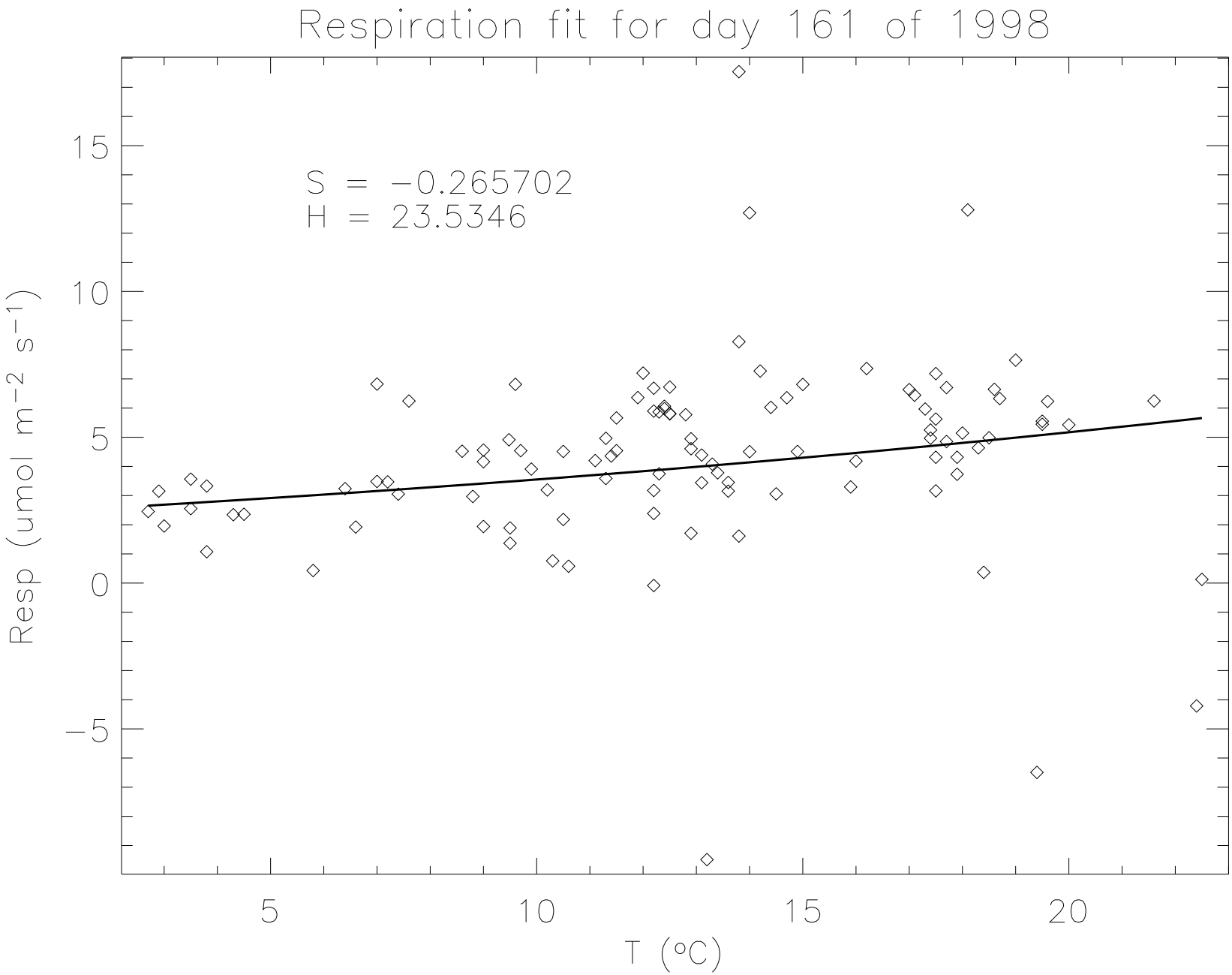
Respiration fit for day 156 of 1998
S = −0.2759551
H = 20.6471
Resp (umol m−2 s−1)
15
10
5
0
5
10
15
20
T (°C)

Respiration fit for day 157 of 1998
S = −0.2759551
H = 20.6471
Resp (umol m−2 s−1)
15
10
5
0
5
10
15
T (°C)
5
10
15
20

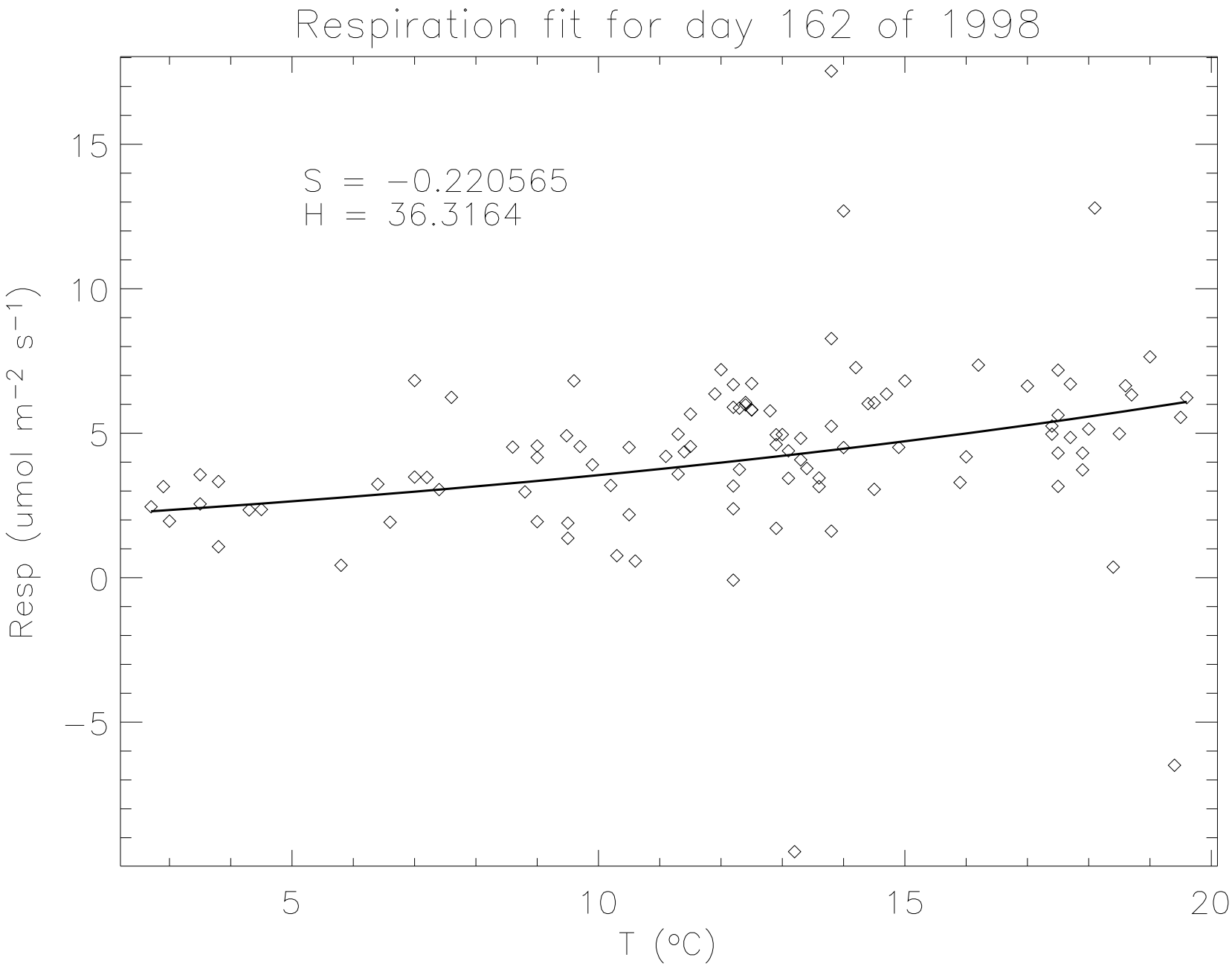
Respiration fit for day 158 of 1998
S = −0.2759551
H = 20.6471
Resp (umol m−2 s−1)
15
10
5
0
5
10
15
T (°C)
5
10
15
20

Respiration fit for day 159 of 1998
S = −0.2759551
H = 20.6471
Resp (umol m−2 s−1)
15
10
5
0
5
10
15
T (°C)
5
10
15
20

Respiration fit for day 160 of 1998
S = −0.268009
H = 22.8851
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
−5
0
5
10
15



Respiration fit for day 161 of 1998
S = −0.265702
H = 23.5346
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
5
10
15
20



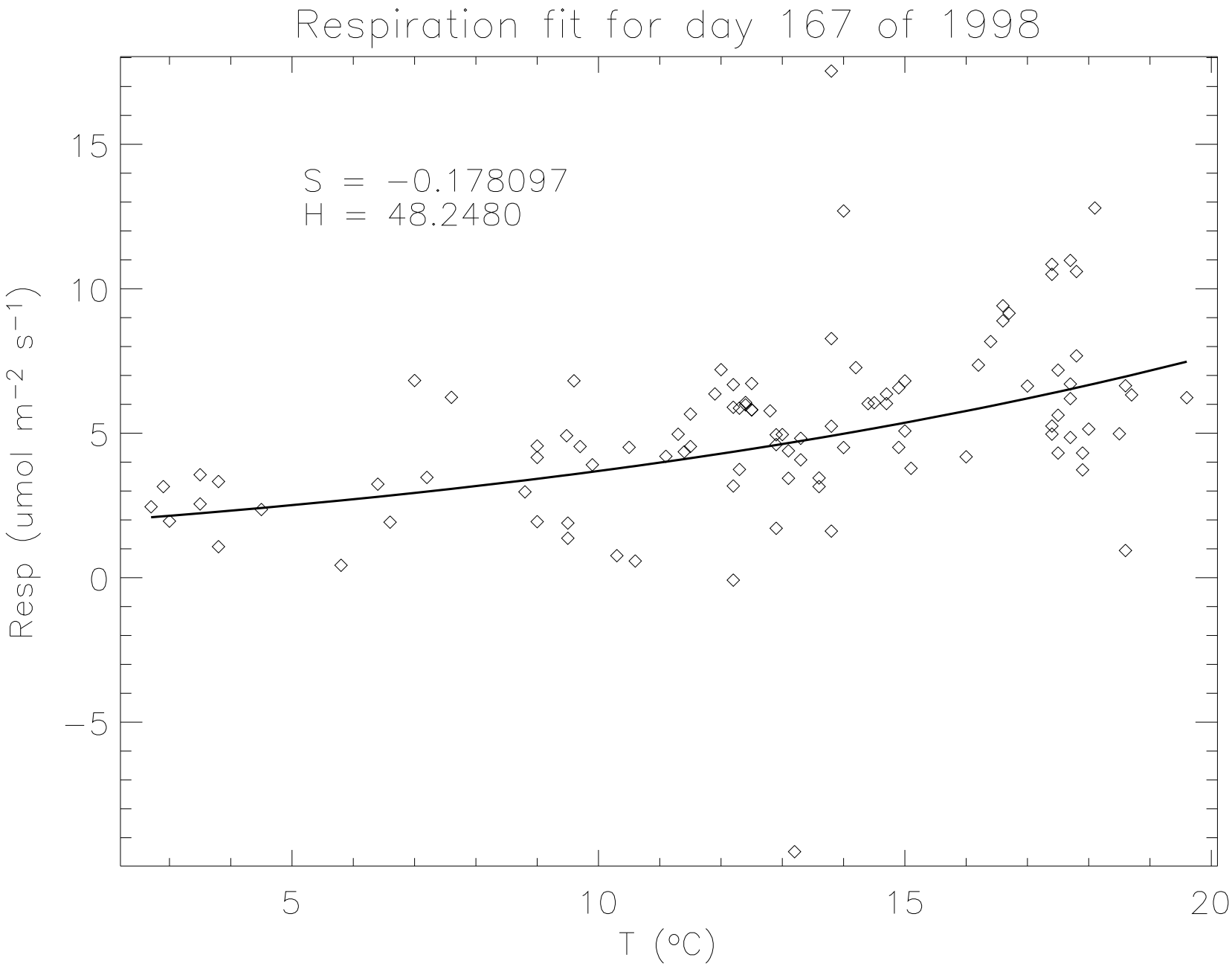
Respiration fit for day 162 of 1998
S = −0.220565
H = 36.3164
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
5
10
15
20

Respiration fit for day 163 of 1998
S = −0.198456
H = 42.5417
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
15
10
5
0

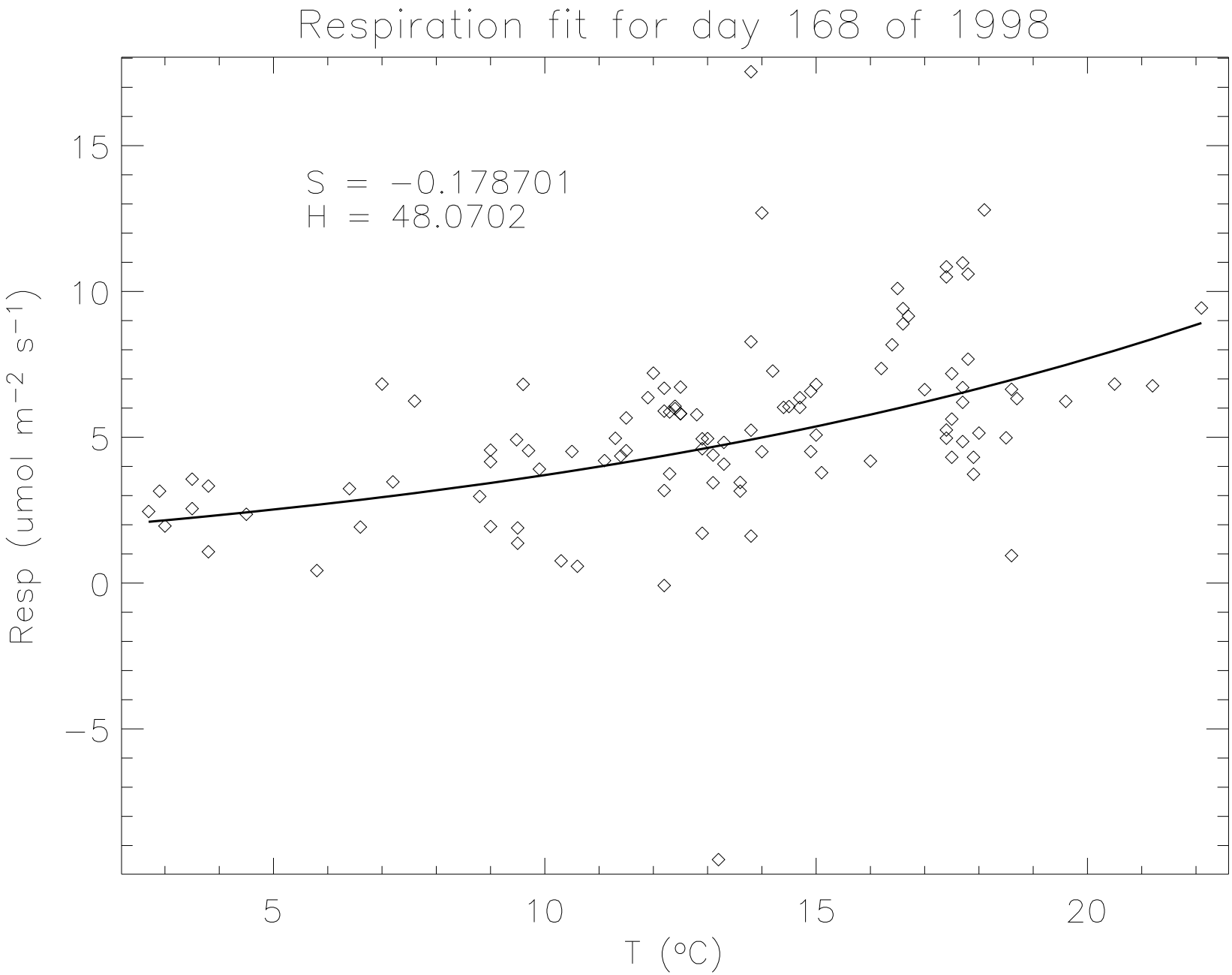
Respiration fit for day 164 of 1998
S = −0.168188
H = 51.0570
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
−5
0
5
10
15

Respiration fit for day 165 of 1998
S = −0.168188
H = 51.0570
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
−5
0
5
10
15

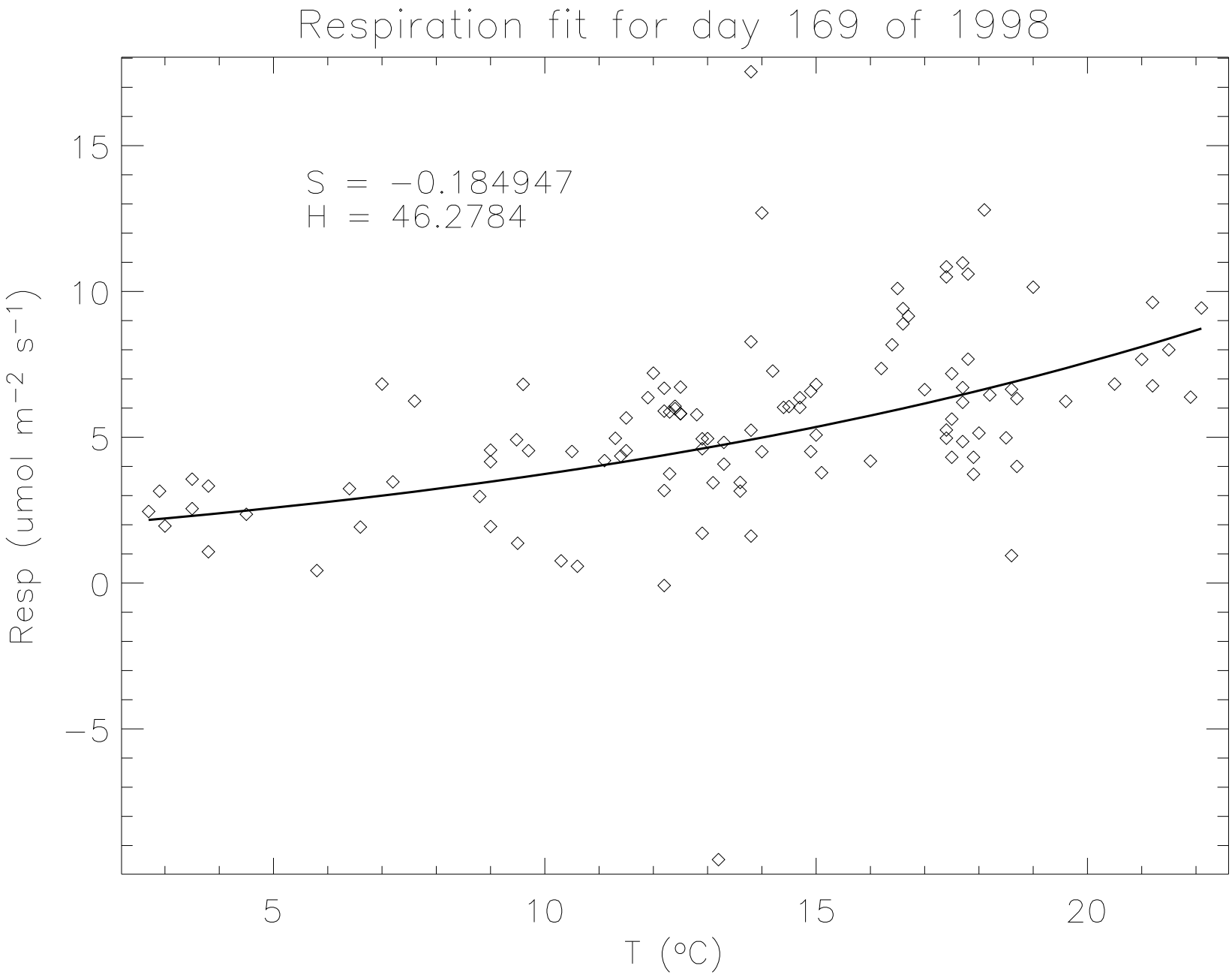
Respiration fit for day 166 of 1998
S = −0.178675
H = 48.0913
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
−5
0
5
10
15



Respiration fit for day 167 of 1998
S = −0.178097
H = 48.2480
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
5
10
15
20



Respiration fit for day 168 of 1998
S = −0.178701
H = 48.0702
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
5
10
15
20



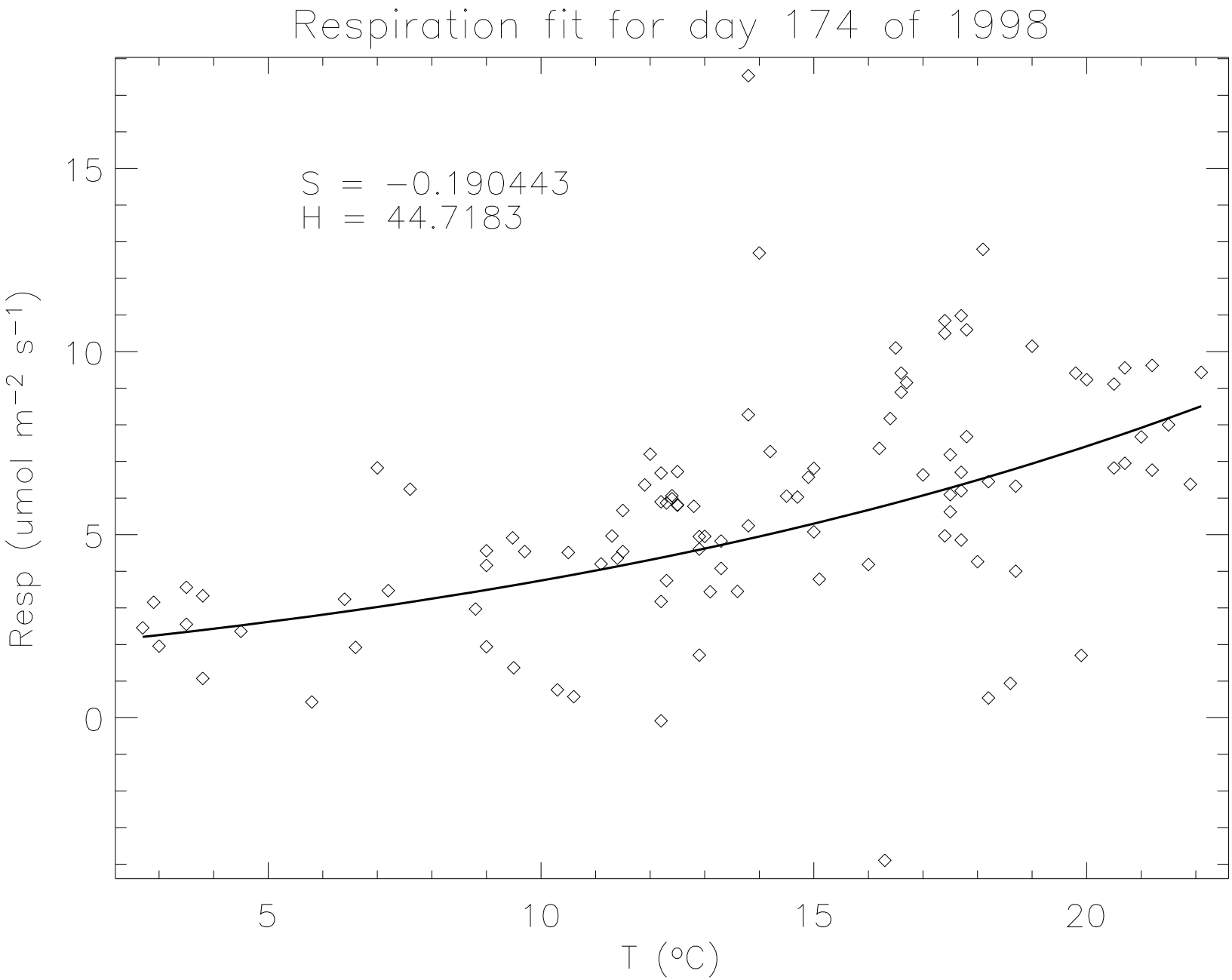
Respiration fit for day 169 of 1998
S = −0.184947
H = 46.2784
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
5
10
15
20

Respiration fit for day 170 of 1998
S = −0.180579
H = 47.5362
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
5
10
15
20

Respiration fit for day 171 of 1998
S = −0.170453
H = 50.3570
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
5
10
15
20

Respiration fit for day 172 of 1998
S = −0.179544
H = 47.7857
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
5
10
15
20

Respiration fit for day 173 of 1998
S = −0.179544
H = 47.7857
Resp (umol m−2 s−1)
15
10
5
0
T (°C)
5
10
15
20


Respiration fit for day 174 of 1998
S = −0.190443
H = 44.7183
Resp (umol m−2 s−1)
15
10
5
0
5
10
15
20
T (°C)

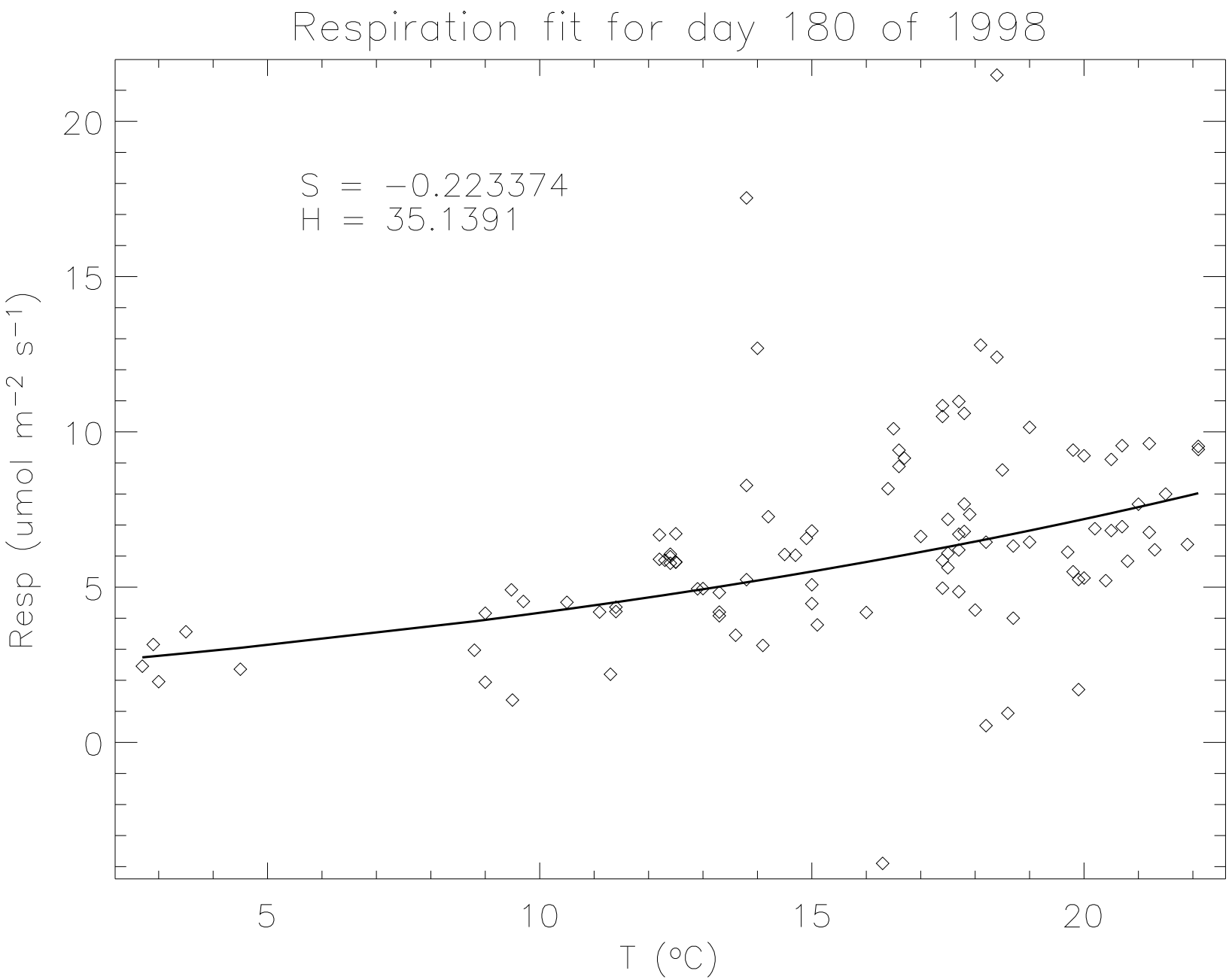
Respiration fit for day 175 of 1998
S = −0.188837
H = 45.1692
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
0
5
10
15

Respiration fit for day 176 of 1998
S = −0.183138
H = 46.8281
Resp (umol m−2 s−1)
15
10
5
0
T (°C)
5
10
15
20

Respiration fit for day 177 of 1998
S = −0.2018851
H = 41.3883
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
5
10
15
20

Respiration fit for day 178 of 1998
S = −0.206326
H = 40.1094
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
5
10
15
20

Respiration fit for day 179 of 1998
S = −0.203595
H = 40.9212
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
5
10
15
20


Respiration fit for day 180 of 1998
S = −0.223374
H = 35.1391
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15
20

Respiration fit for day 181 of 1998
S = −0.224268
H = 34.9025
Resp (umol m−2 s−1)
0
5
10
15
20
T (°C)
5
10
15
20

Respiration fit for day 182 of 1998
S = −0.247623
H = 28.1040
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
10
12
14
16
18
20
22

Respiration fit for day 183 of 1998
S = −0.247623
H = 28.1040
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
10
12
14
16
18
20
22

Respiration fit for day 184 of 1998
S = −0.247080
H = 28.2586
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
10
12
14
16
18
20
22

Respiration fit for day 185 of 1998
S = −0.246379
H = 28.5305
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
10
12
14
16
18
20
22

Respiration fit for day 186 of 1998
Resp (umol m^{-2} s^{-1})
T (°C)
S = −0.271658
H = 21.1671
20
15
10
5
0
12
14
16
18
20
22

Respiration fit for day 187 of 1998
S = 0.271658
H = 21.1671
Resp (umol m-2 s-1)
T (°C)
0
5
10
15
20
12
14
16
18
20
22

Respiration fit for day 188 of 1998
S = −0.271658
H = 21.1671
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
12
14
16
18
20
22

Respiration fit for day 189 of 1998
S = 0.278618
H = 19.1563
Resp (umol m^{-2} s^{-1})
T (°C)
0
5
10
15
20
12
14
16
18
20
22

Respiration fit for day 190 of 1998
S = 0.284014
H = 17.6465
Resp (umol m-2 s-1)
T (°C)
0
5
10
15
20
12
14
16
18
20
22

Respiration fit for day 191 of 1998
S = −0.223282
H = 35.4017
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
12
14
16
18
20
22

Respiration fit for day 192 of 1998
S = −0.223282
H = 35.4017
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
12
14
16
18
20
22

Respiration fit for day 193 of 1998
S = −0.223282
H = 35.4017
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
12
14
16
18
20
22

Respiration fit for day 194 of 1998
S = −0.223282
H = 35.4017
Resp (umol m−2 s−1)
0
5
10
15
20
T (°C)
12
14
16
18
20
22

Respiration fit for day 195 of 1998
S = −0.223282
H = 35.4017
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
12
14
16
18
20
22

Respiration fit for day 196 of 1998
S = −0.223282
H = 35.4017
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
12
14
16
18
20
22

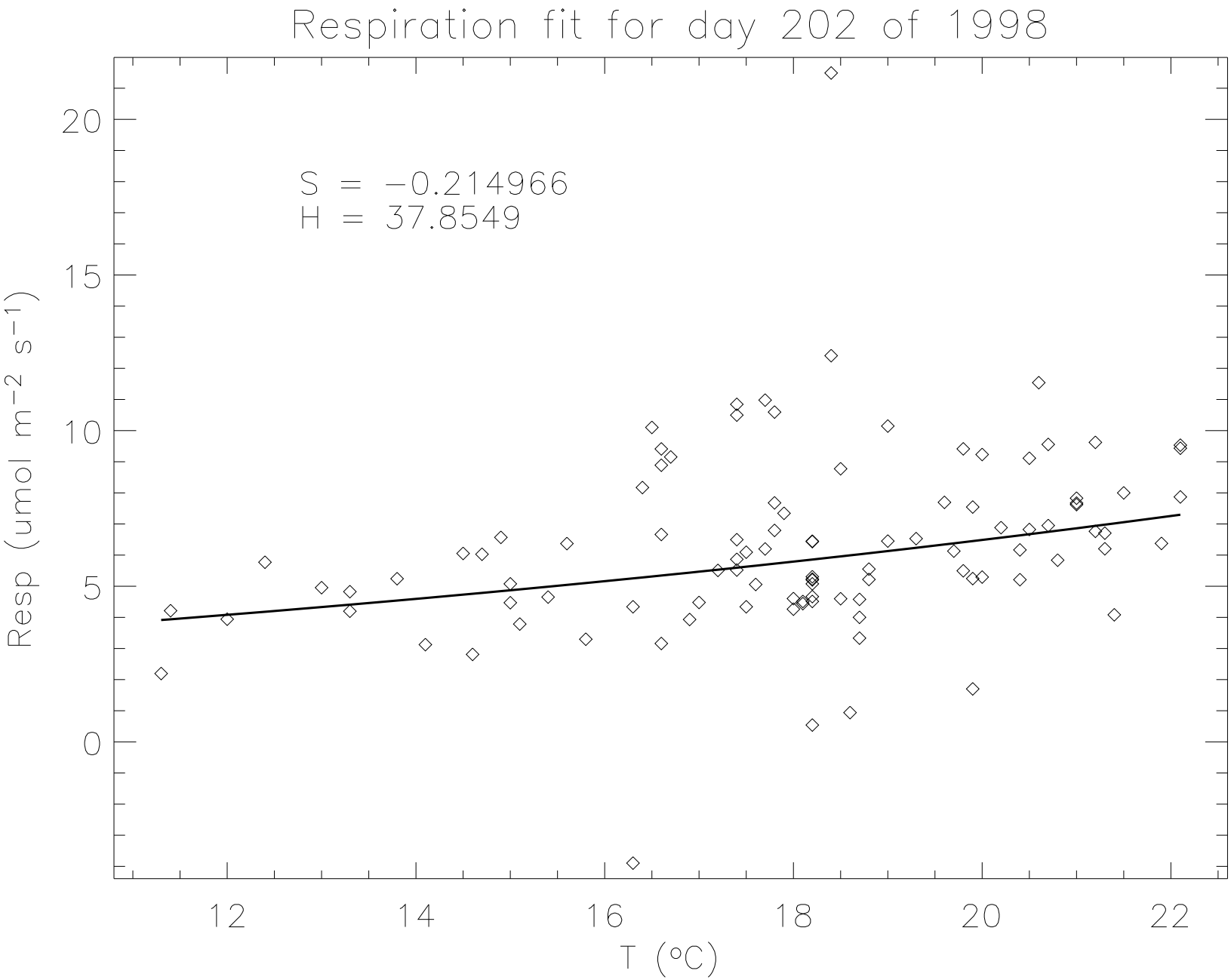
Respiration fit for day 197 of 1998
S = −0.223282
H = 35.4017
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
12
14
16
18
20
22

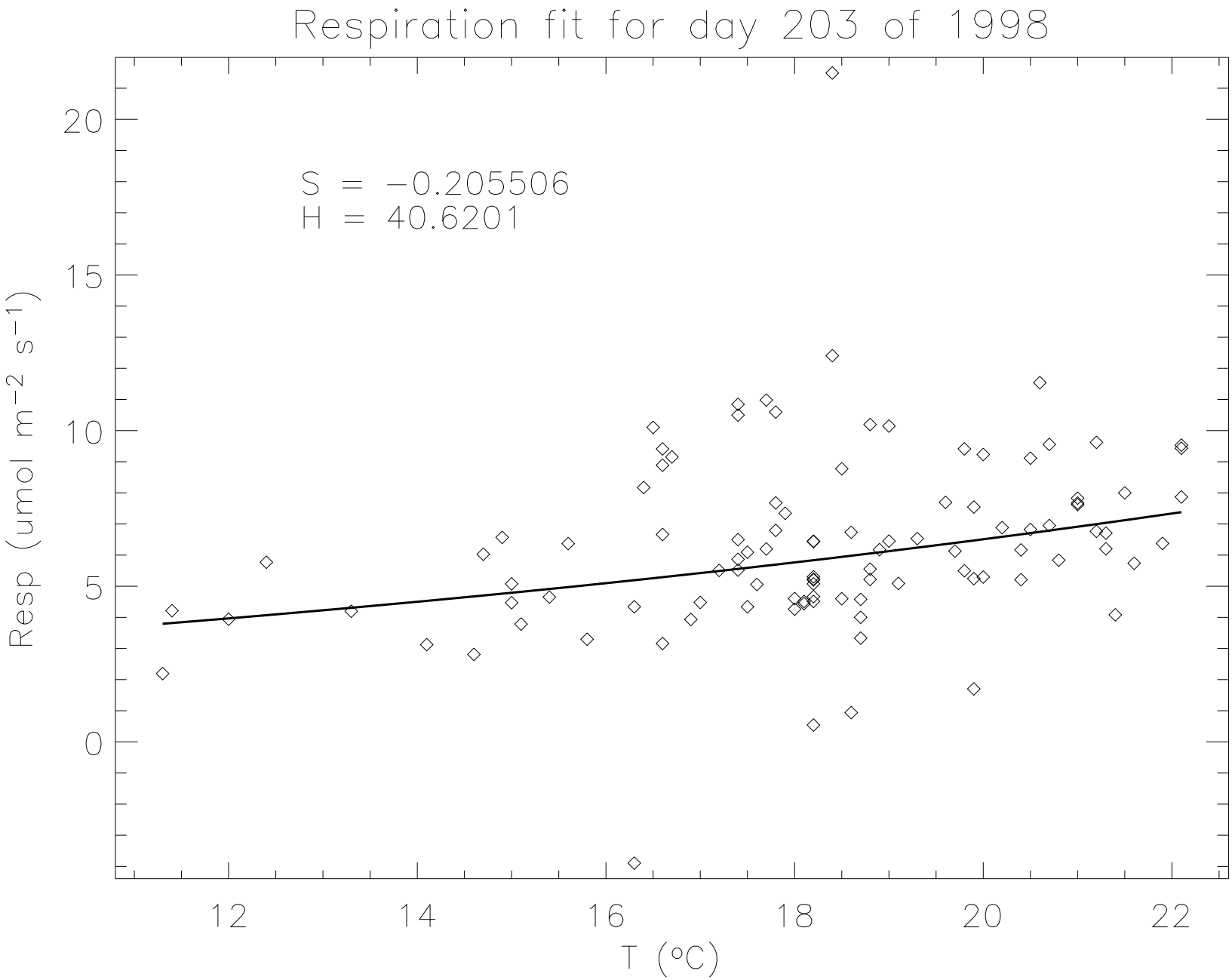
Respiration fit for day 198 of 1998
S = −0.223282
H = 35.4017
Resp (umol m−2 s−1)
0
5
10
15
20
T (°C)
12
14
16
18
20
22

Respiration fit for day 199 of 1998
S = −0.223282
H = 35.4017
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
12
14
16
18
20
22

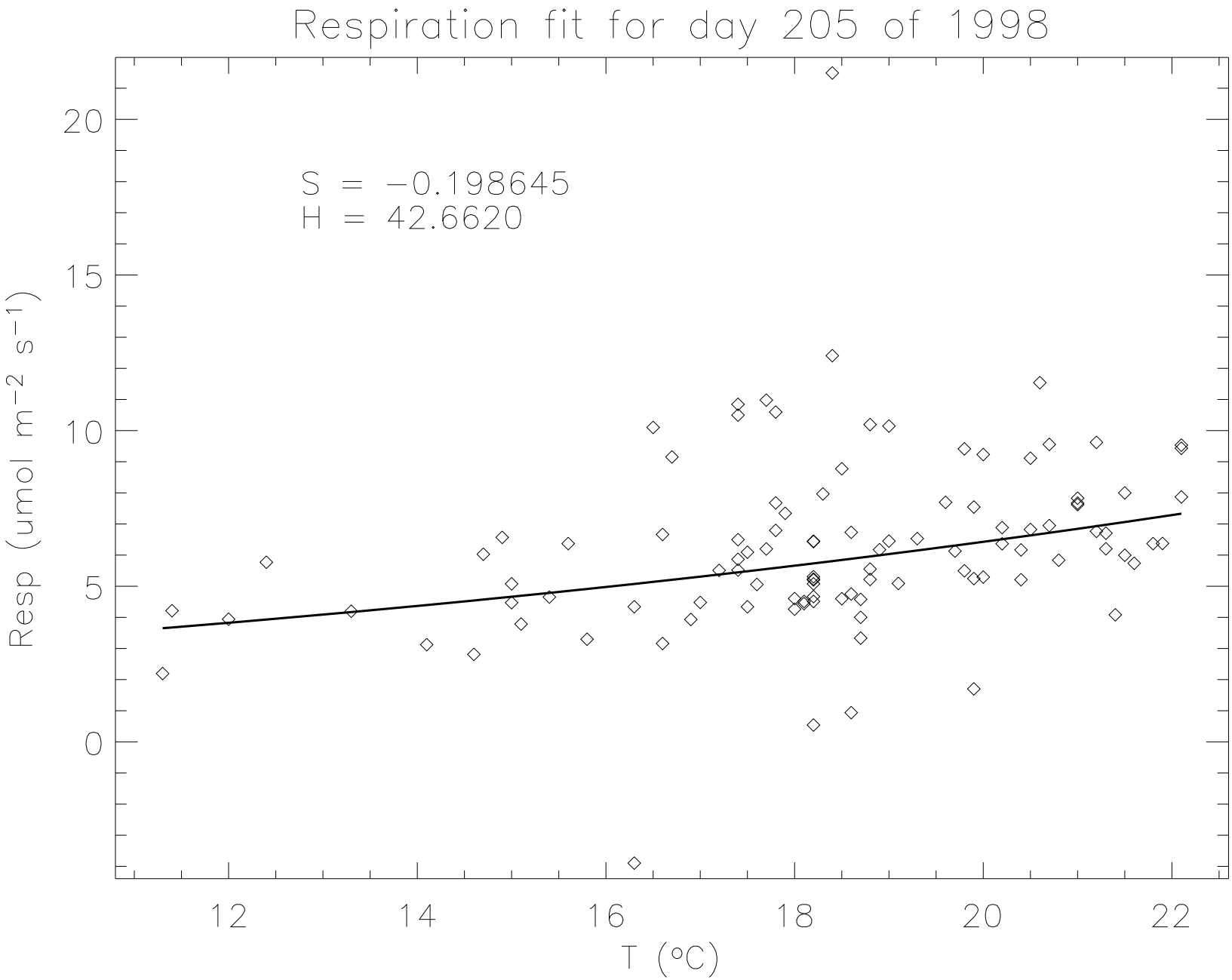
Respiration fit for day 200 of 1998
S = −0.223282
H = 35.4017
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
12
14
16
18
20
22

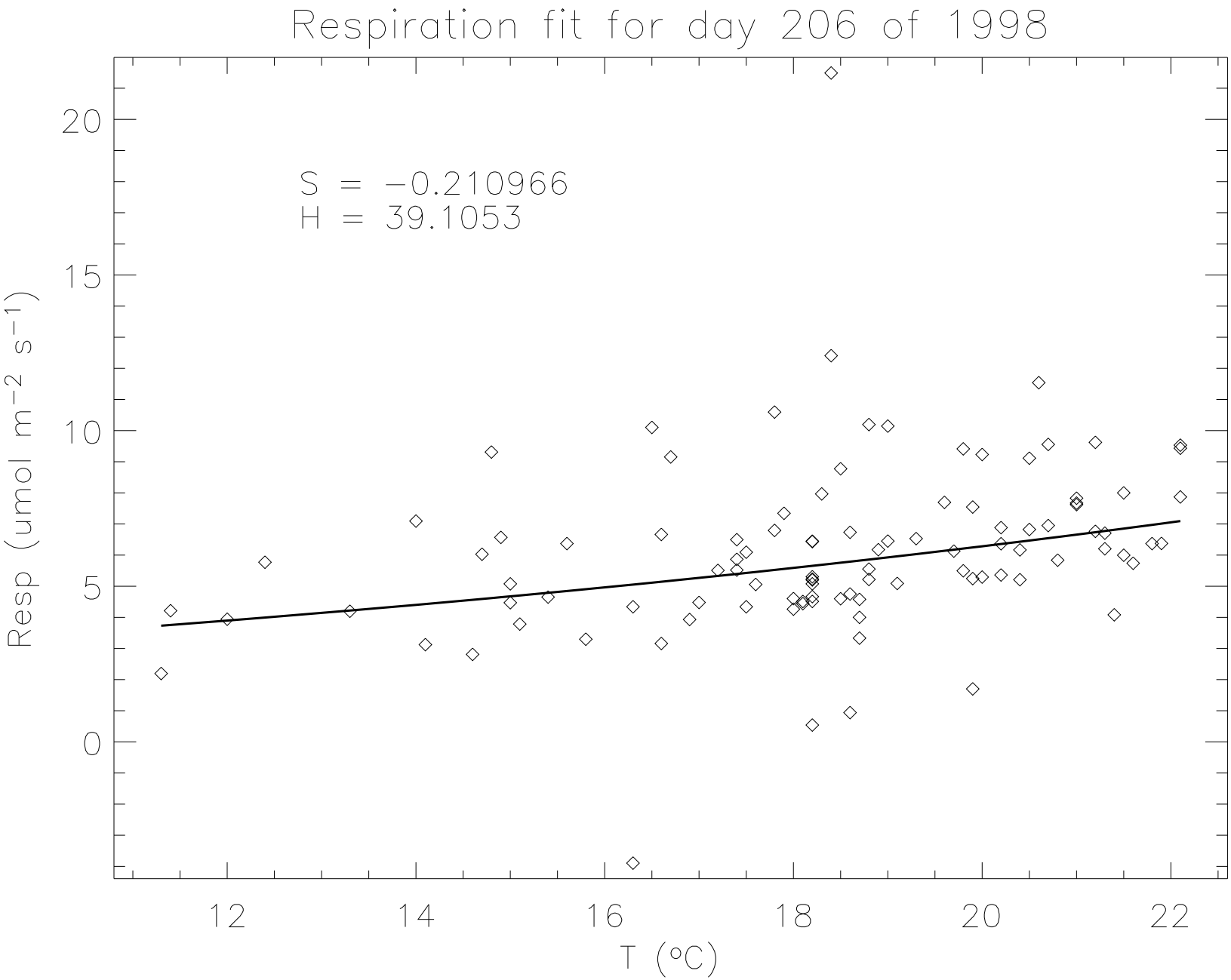
Respiration fit for day 201 of 1998
S = −0.224446
H = 35.0826
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
12
14
16
18
20
22

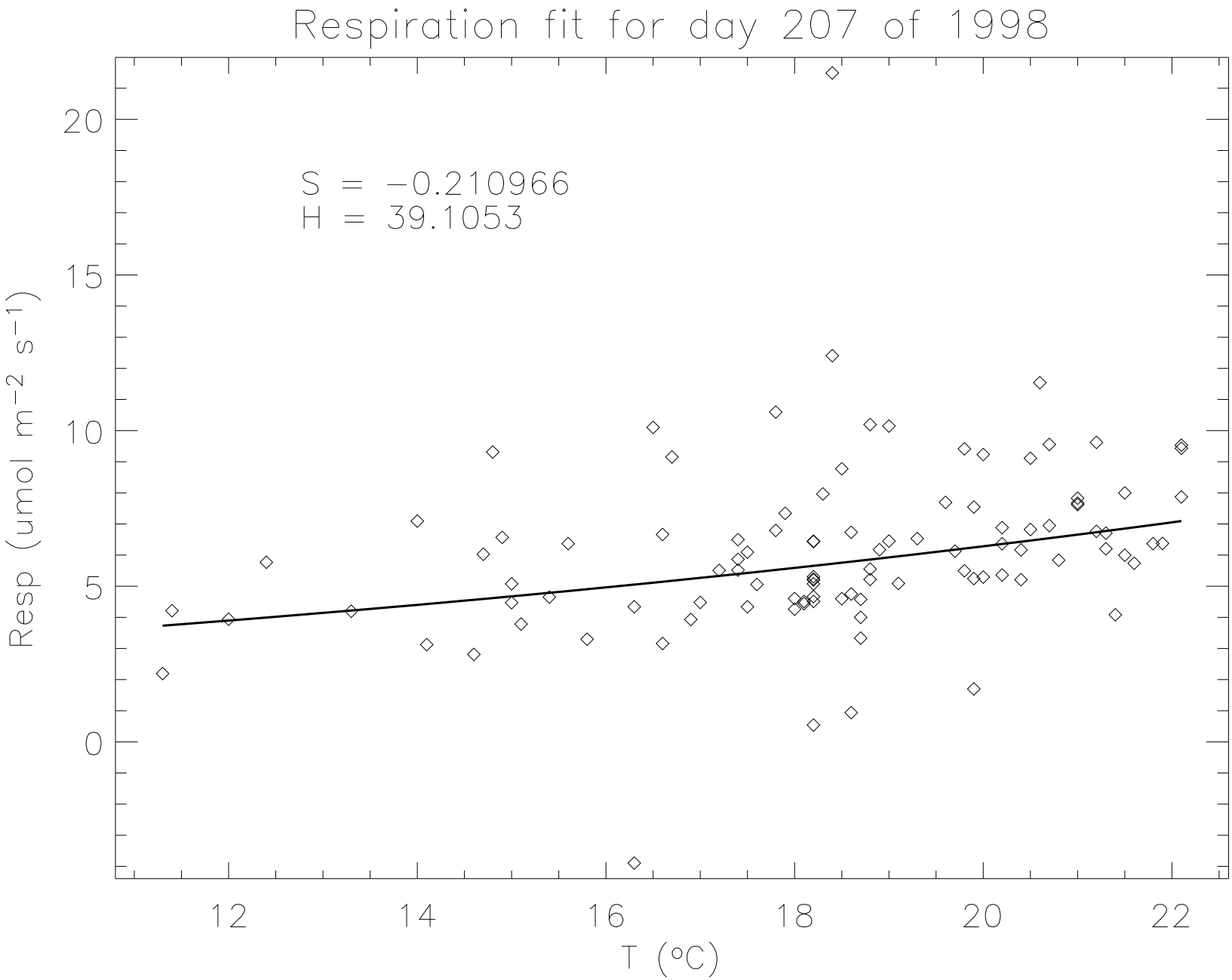

Respiration fit for day 202 of 1998
S = −0.214966
H = 37.8549
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
12
14
16
18
20
22

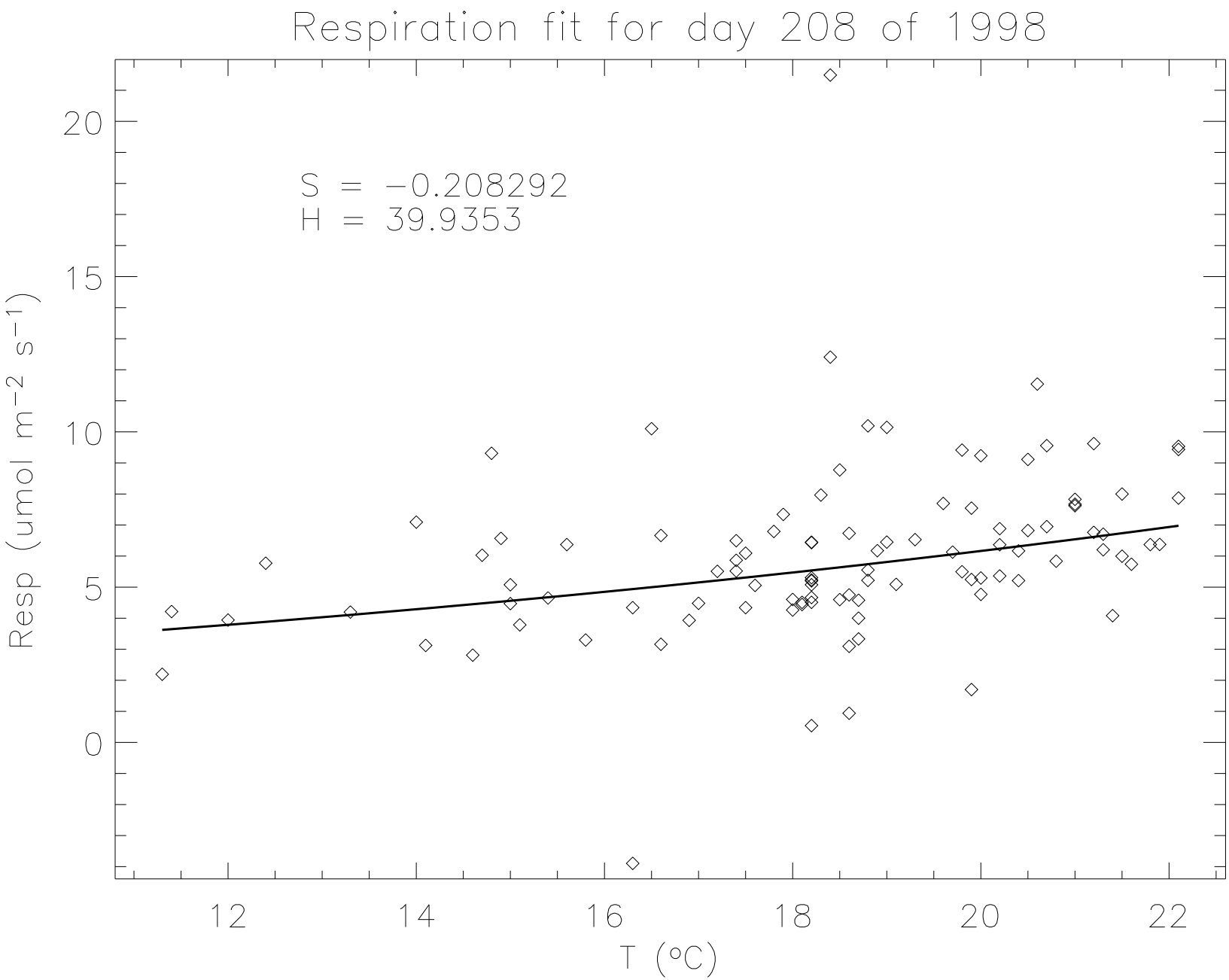

Respiration fit for day 203 of 1998
S = −0.205506
H = 40.6201
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
12
14
16
18
20
22

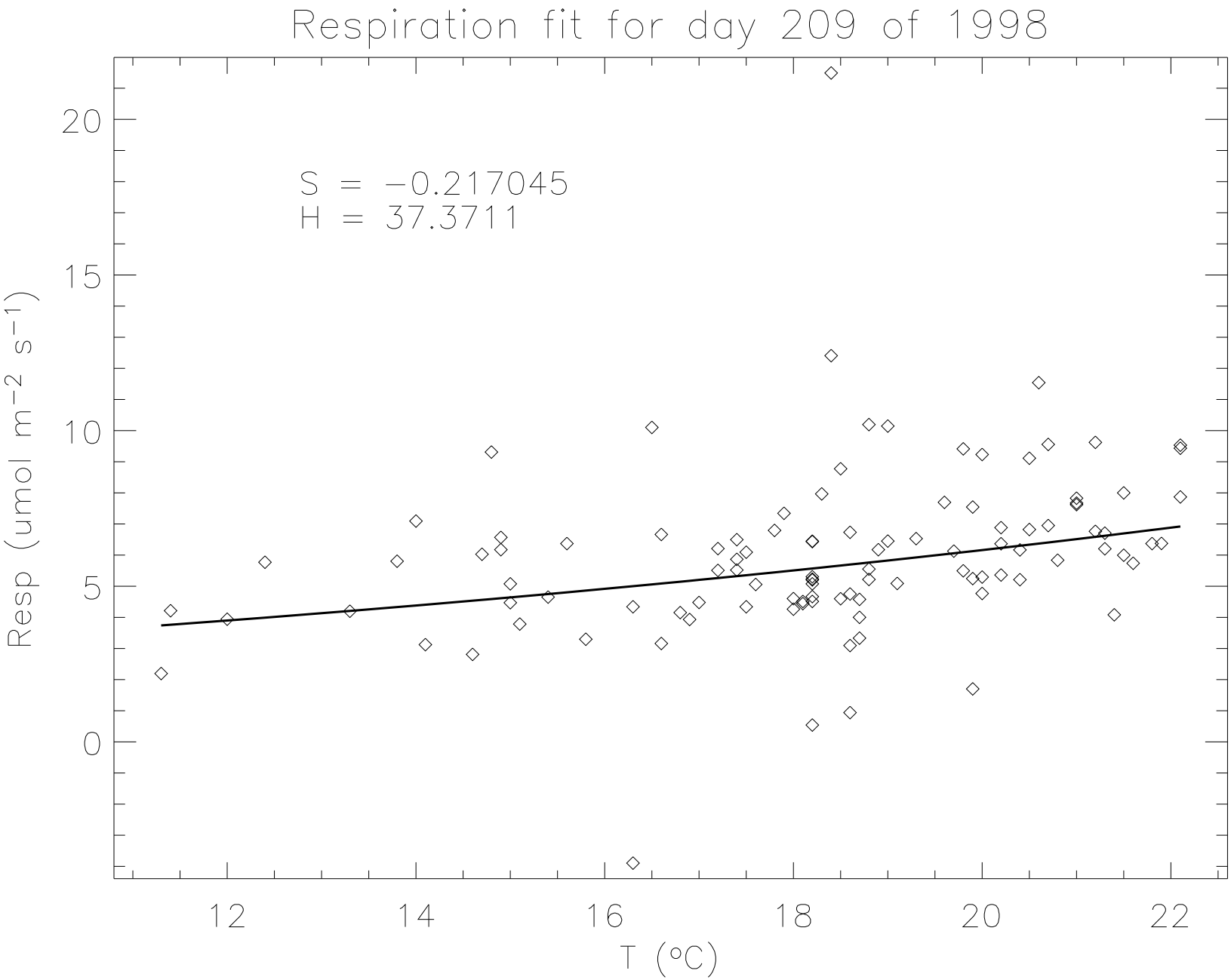
Respiration fit for day 204 of 1998
S = −0.198645
H = 42.6620
Resp (umol m−2 s−1)
0
5
10
15
20
T (°C)
12
14
16
18
20
22


Respiration fit for day 205 of 1998
S = −0.198645
H = 42.6620
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
12
14
16
18
20
22

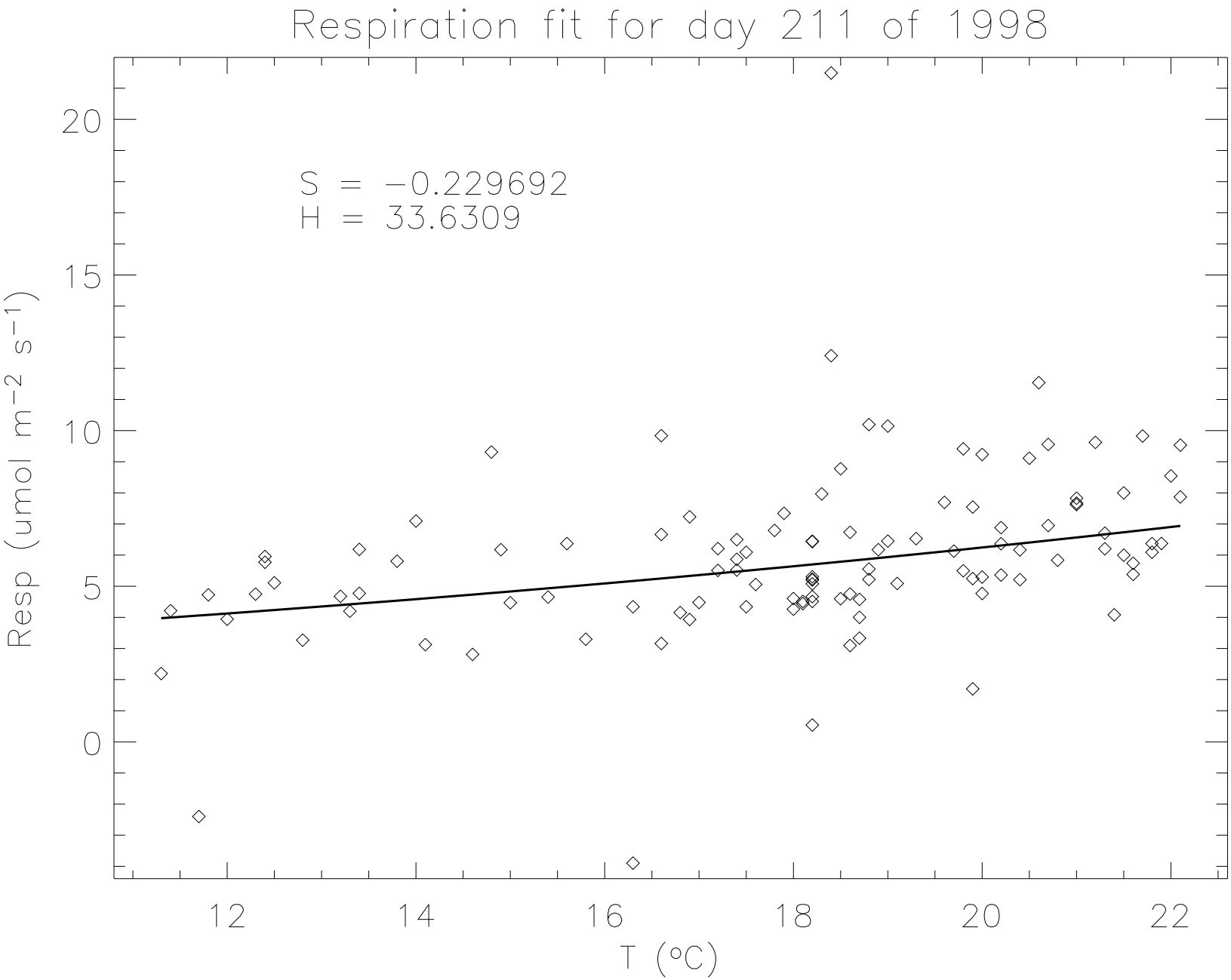

Respiration fit for day 206 of 1998
S = −0.210966
H = 39.1053
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
12
14
16
18
20
22


Respiration fit for day 207 of 1998
S = −0.210966
H = 39.1053
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
12
14
16
18
20
22


Respiration fit for day 208 of 1998
S = −0.208292
H = 39.9353
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
12
14
16
18
20
22


Respiration fit for day 209 of 1998
S = −0.217045
H = 37.3711
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
12
14
16
18
20
22

Respiration fit for day 210 of 1998
S = −0.2179735
H = 37.0625
Resp (umol m−2 s−1)
0
5
10
15
20
T (°C)
12
14
16
18
20
22


Respiration fit for day 211 of 1998
S = −0.229692
H = 33.6309
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
12
14
16
18
20
22

Respiration fit for day 212 of 1998
S = −0.244860
H = 29.1960
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
10
12
14
16
18
20
22

Respiration fit for day 213 of 1998
S = −0.249278
H = 27.9200
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
10
12
14
16
18
20
22

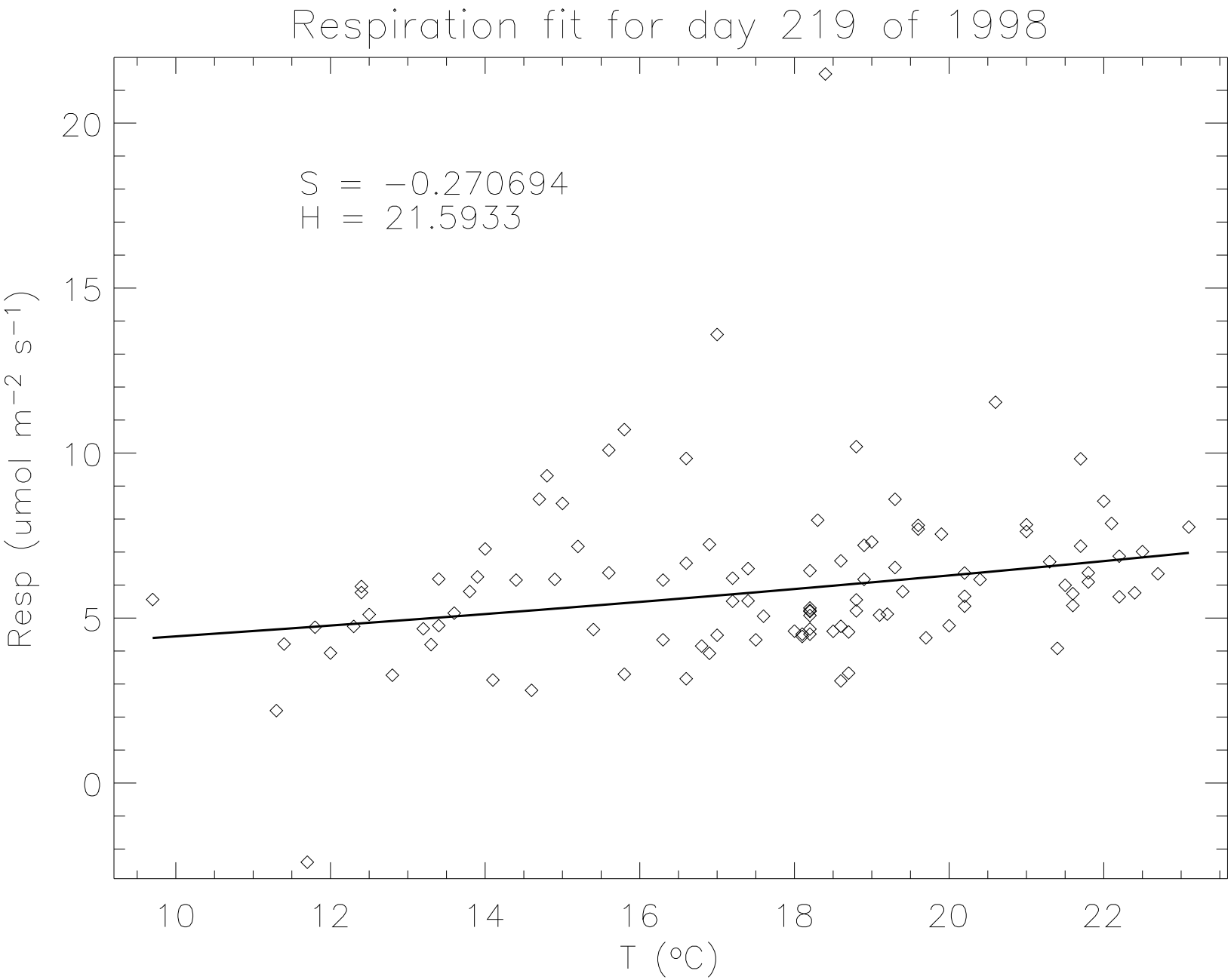
Respiration fit for day 214 of 1998
S = −0.249278
H = 27.9200
Resp (umol m−2 s−1)
0
5
10
15
20
T (°C)
10
12
14
16
18
20
22

Respiration fit for day 215 of 1998
S = −0.266992
H = 22.7244
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
10
12
14
16
18
20
22

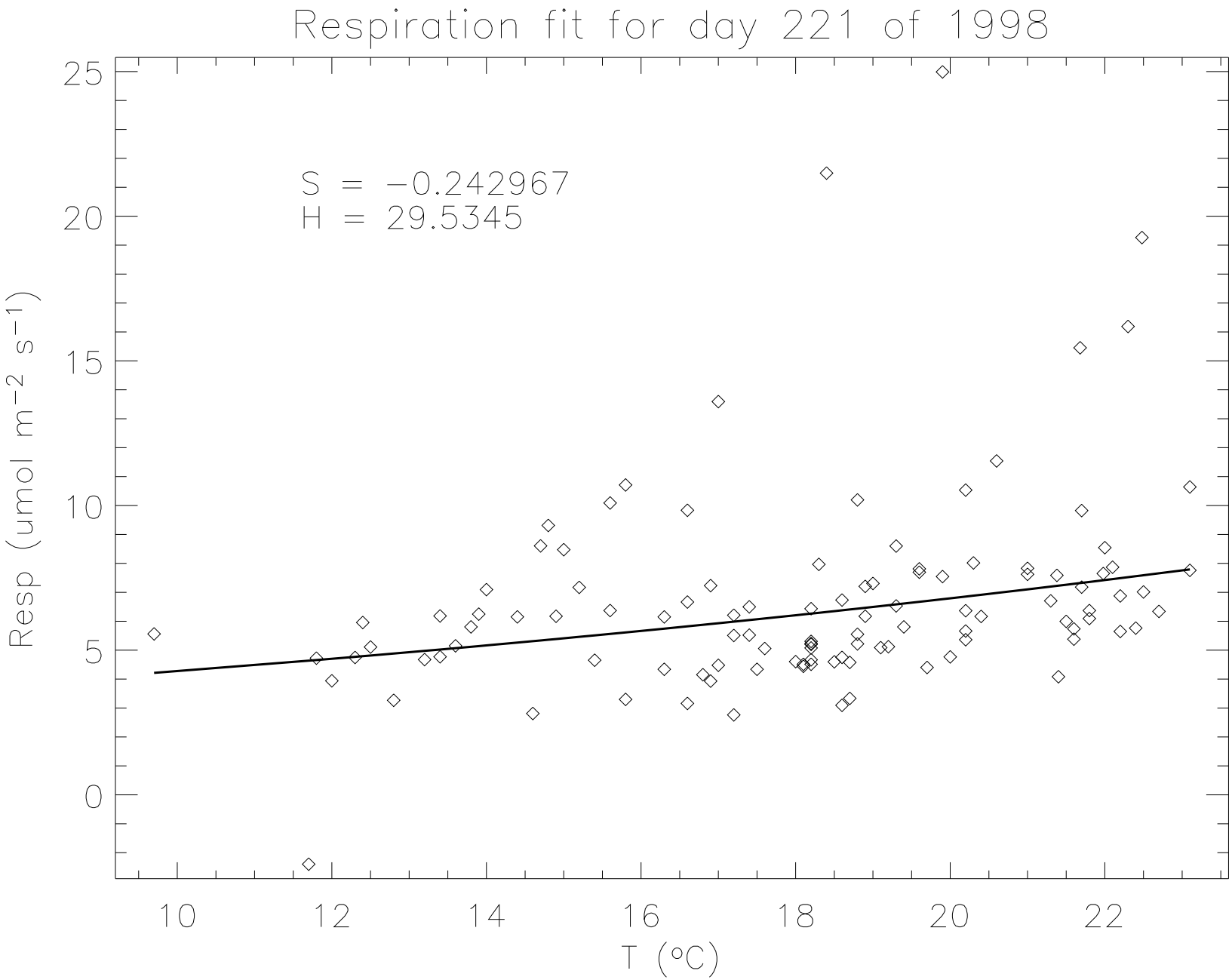
Respiration fit for day 216 of 1998
S = −0.2647705
H = 23.3617
Resp (umol m−2 s−1)
0
5
10
15
20
T (°C)
10
12
14
16
18
20
22

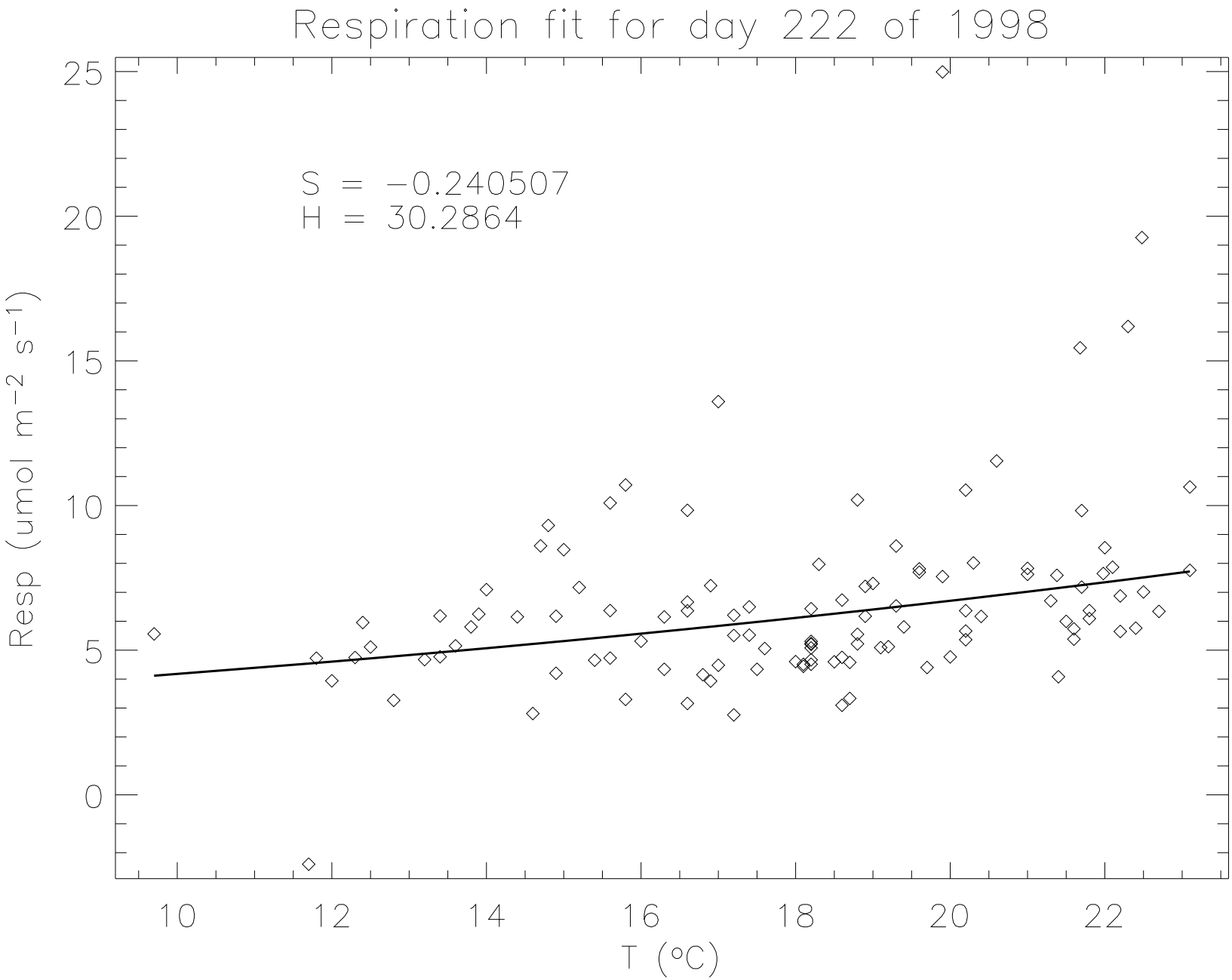
Respiration fit for day 217 of 1998
S = −0.2678657
H = 22.44465
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
10
12
14
16
18
20
22

Respiration fit for day 218 of 1998
S = −0.265351
H = 23.1658
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
10
12
14
16
18
20
22


Respiration fit for day 219 of 1998
S = −0.270694
H = 21.5933
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
10
12
14
16
18
20
22

Respiration fit for day 220 of 1998
S = −0.252252
H = 26.8283
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
10
12
14
16
18
20
22


Respiration fit for day 221 of 1998
S = −0.242967
H = 29.5345
Resp (umol m−2 s−1)
T (°C)
25
20
15
10
5
0
10
12
14
16
18
20
22


Respiration fit for day 222 of 1998
S = −0.240507
H = 30.2864
Resp (umol m−2 s−1)
T (°C)
25
20
15
10
5
0
10
12
14
16
18
20
22

Respiration fit for day 223 of 1998
S = −0.2497785
H = 27.5817
Resp (umol m−2 s−1)
0
5
10
15
20
25
T (°C)
10
12
14
16
18
20
22

Respiration fit for day 224 of 1998
S = −0.2520043
H = 26.92445
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
10
12
14
16
18
20
22

Respiration fit for day 225 of 1998
S = −0.298614
H = 13.3451
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
10
12
14
16
18
20
22

Respiration fit for day 226 of 1998
S = −0.344322
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
10
12
14
16
18
20
22

Respiration fit for day 227 of 1998
S = −0.344322
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
10
12
14
16
18
20
22

Respiration fit for day 228 of 1998
S = −0.344376
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
10
12
14
16
18
20
22

Respiration fit for day 229 of 1998
S = −0.298903
H = 13.2751
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
10
12
14
16
18
20
22

Respiration fit for day 230 of 1998
S = −0.286808
H = 16.8114
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
10
12
14
16
18
20
22

Respiration fit for day 231 of 1998
S = −0.2862453
H = 16.9788
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
10
12
14
16
18
20
22

Respiration fit for day 232 of 1998
S = −0.2862225
H = 16.9989
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
10
12
14
16
18
20
22
24

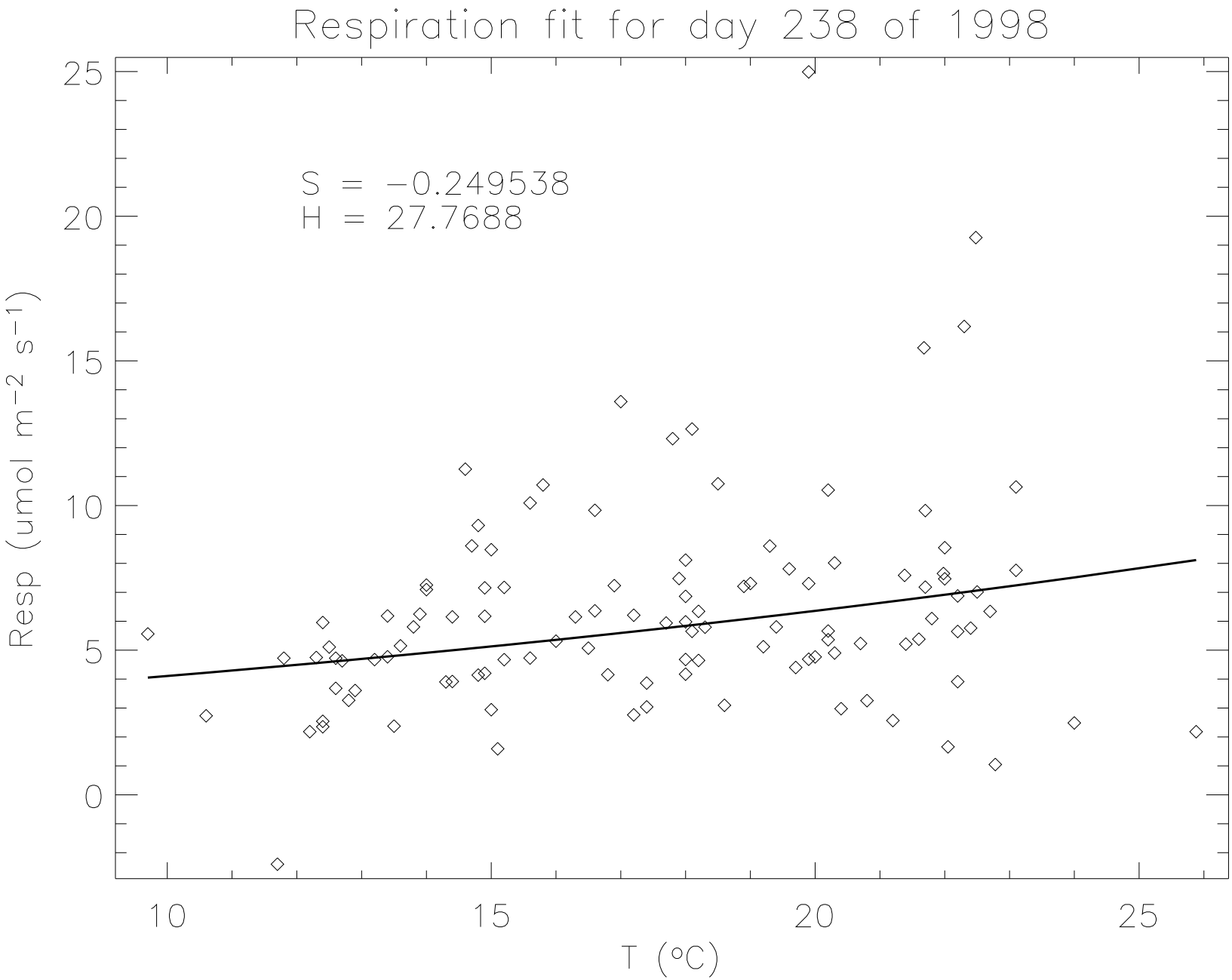
Respiration fit for day 233 of 1998
S = −0.279168
H = 19.0611
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
10
15
20
25

Respiration fit for day 234 of 1998
S = −0.279455
H = 18.9457
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
10
15
20
25

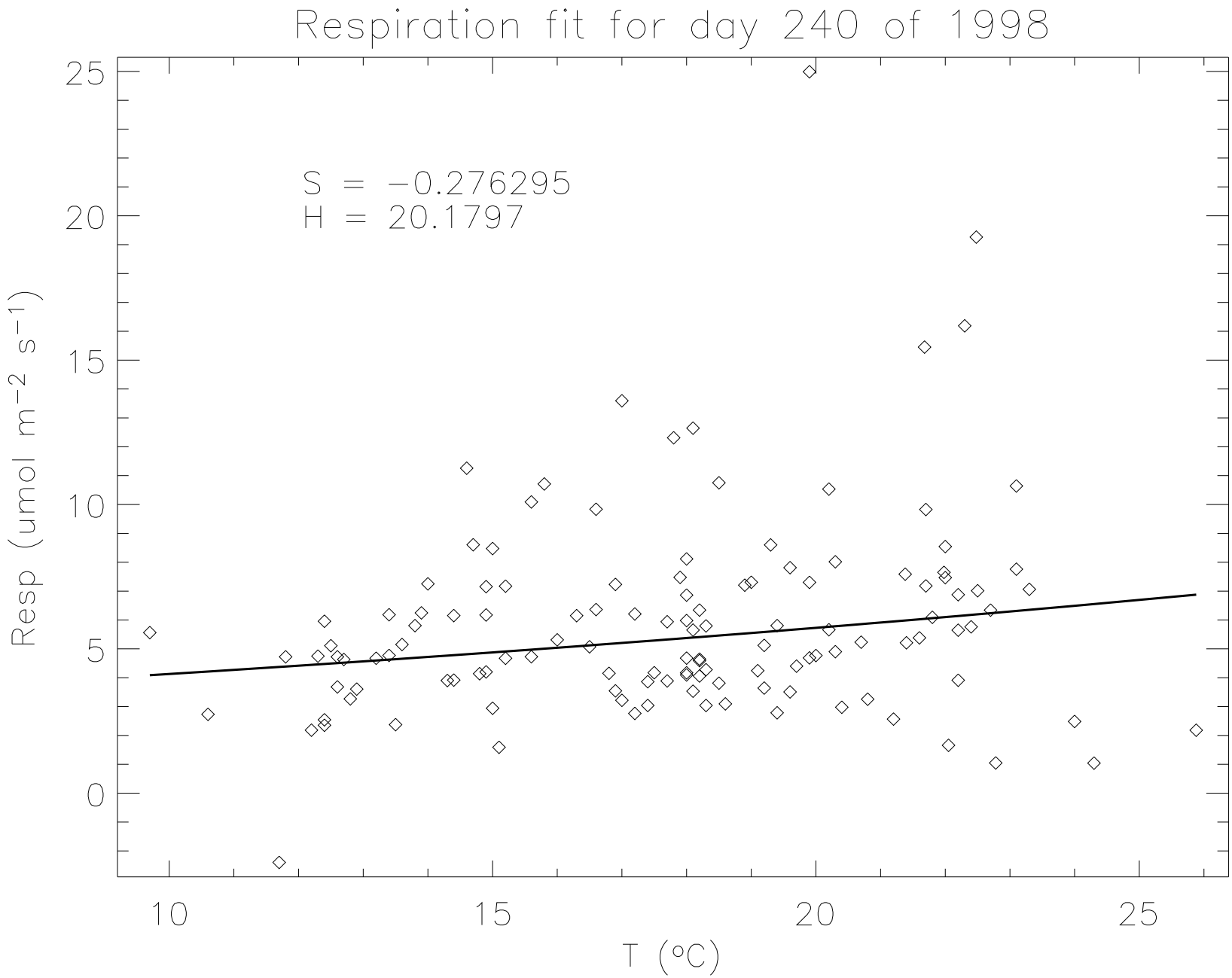
Respiration fit for day 235 of 1998
S = −0.283871
H = 17.6513
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
10
15
20
25

Respiration fit for day 236 of 1998
S = −0.2680025
H = 22.2981
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
10
15
20
25

Respiration fit for day 237 of 1998
S = −0.251148
H = 27.3037
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
10
15
20
25


Respiration fit for day 238 of 1998
S = −0.249538
H = 27.7688
Resp (umol m−2 s−1)
T (°C)
25
20
15
10
5
0
10
15
20
25

Respiration fit for day 239 of 1998
S = −0.277334
H = 19.7932
Resp (umol m−2 s−1)
T (°C)
25
20
15
10
5
0



Respiration fit for day 240 of 1998
S = −0.276295
H = 20.1797
Resp (umol m−2 s−1)
T (°C)
25
20
15
10
5
0
10
15
20
25

Respiration fit for day 241 of 1998
S = −0.269741
H = 22.0564
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
10
15
20
25

Respiration fit for day 242 of 1998
S = −0.281430
H = 18.6927
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
10
15
20
25

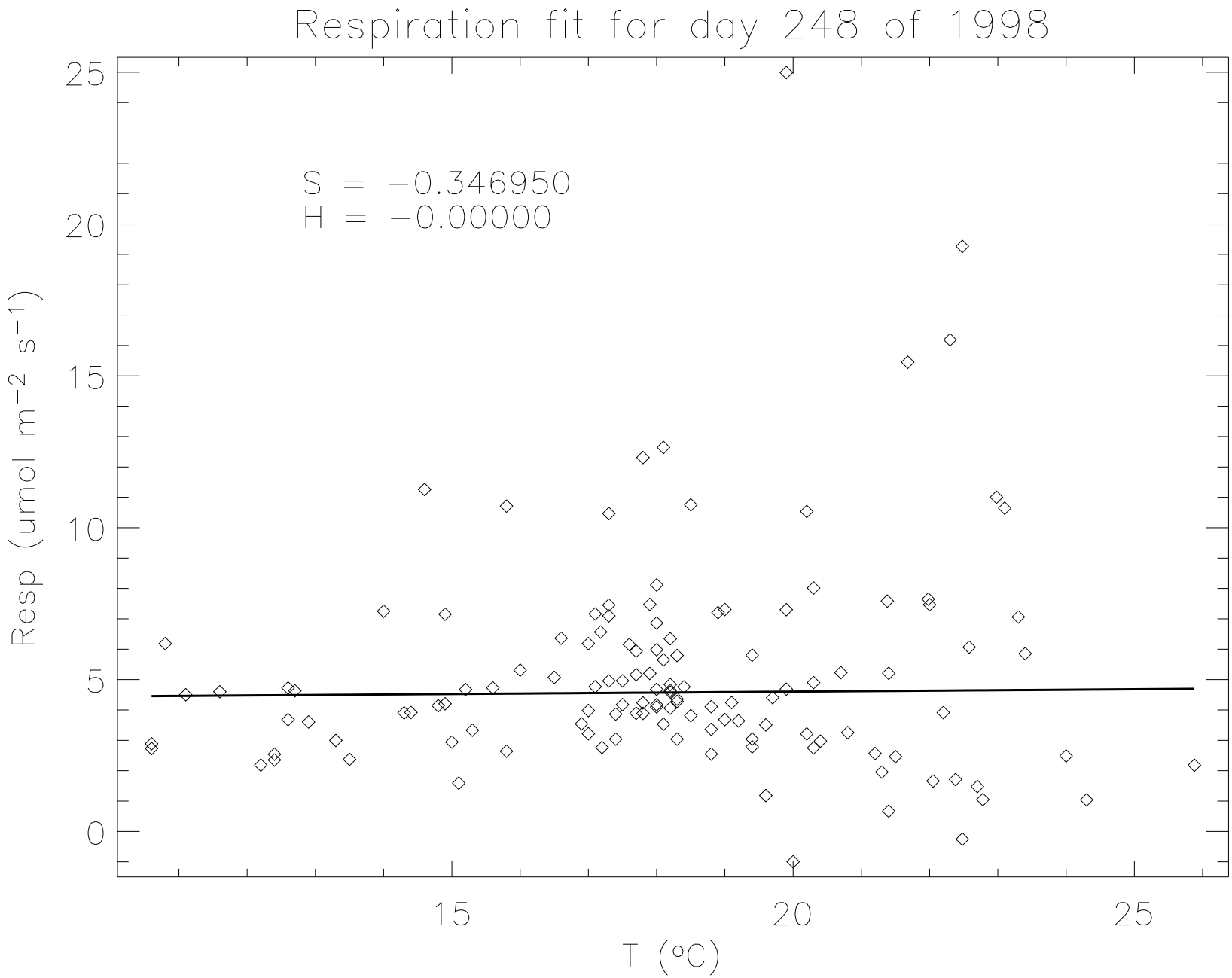
Respiration fit for day 243 of 1998
S = −0.273887
H = 20.9210
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
10
15
20
25

Respiration fit for day 244 of 1998
S = −0.276572
H = 20.1624
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
10
15
20
25

Respiration fit for day 245 of 1998
S = −0.280123
H = 19.1920
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
10
15
20
25

Respiration fit for day 246 of 1998
S = −0.284972
H = 17.8848
Resp (umol m−2 s−1)
0
5
10
15
20
25
T (°C)
15
20
25

Respiration fit for day 247 of 1998
S = −0.346896
H = −0.000000
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
15
20
25



Respiration fit for day 248 of 1998
S = −0.346950
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
15
20
25

Respiration fit for day 249 of 1998
S = −0.347071
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
10
15
20
25

Respiration fit for day 250 of 1998
S = −0.347208
H = −0.000000
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
10
15
20
25

Respiration fit for day 251 of 1998
S = −0.347876
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
0
5
10
15

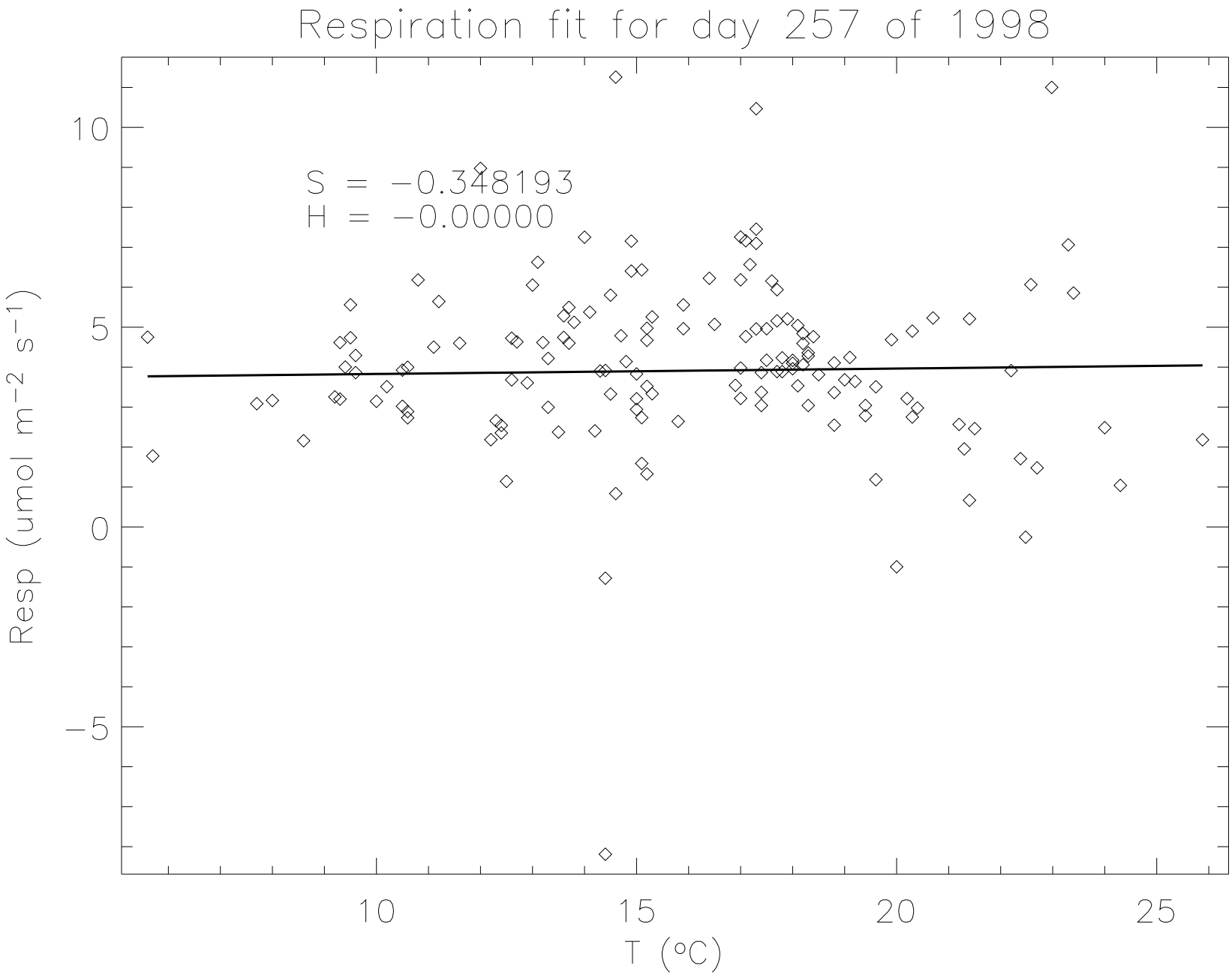
Respiration fit for day 252 of 1998
S = −0.347935
H = −0.000000
Resp (umol m^{-2} s^{-1})
T (°C)
0
2
4
6
8
10
12
10
15
20
25

Respiration fit for day 253 of 1998
S = −0.347862
H = −0.000000
Resp (umol m−2 s−1)
T (°C)
0
2
4
6
8
10
12
10
15
20
25

Respiration fit for day 254 of 1998
S = −0.3479997
H = −0.000000
Resp (umol m−2 s−1)
T (°C)
0
2
4
6
8
10
12
10
15
20
25

Respiration fit for day 255 of 1998
S = −0.348131
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
0
2
4
6
8
10
12
10
15
20
25

Respiration fit for day 256 of 1998
S = −0.348169
H = −0.000000
Resp (umol m−2 s−1)
T (°C)
0
2
4
6
8
10
10
15
20
25



Respiration fit for day 257 of 1998
S = −0.348193
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
10
15
20
25

Respiration fit for day 258 of 1998
S = −0.348283
H = −0.00000
Resp (umol m−2 s−1)
10
0
5
T (°C)
5
10
15
20
25

Respiration fit for day 259 of 1998
S = −0.315701
H = 9.42679
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
10
15
20
25

Respiration fit for day 260 of 1998
S = −0.308335
H = 11.5954
Resp (umol m−2 s−1)
10
5
0
5
T (°C)
5
10
15
20
25

Respiration fit for day 261 of 1998
S = −0.291298
H = 16.5396
Resp (umol m−2 s−1)
10
5
0
5
T (°C)
5
10
15
20
25

Respiration fit for day 262 of 1998
S = −0.2873765
H = 17.6818
Resp (umol m−2 s−1)
10
5
0
5
T (°C)
5
10
15
20
25

Respiration fit for day 263 of 1998
S = −0.287712
H = 17.5654
Resp (umol m−2 s−1)
10
5
0
5
T (°C)
5
10
15
20
25

Respiration fit for day 264 of 1998
S = −0.289603
H = 17.0007
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
−5
0
5
10

Respiration fit for day 265 of 1998
S = −0.292228
H = 16.2321
Resp (umol m−2 s−1)
10
5
0
5
T (°C)
5
10
15
20

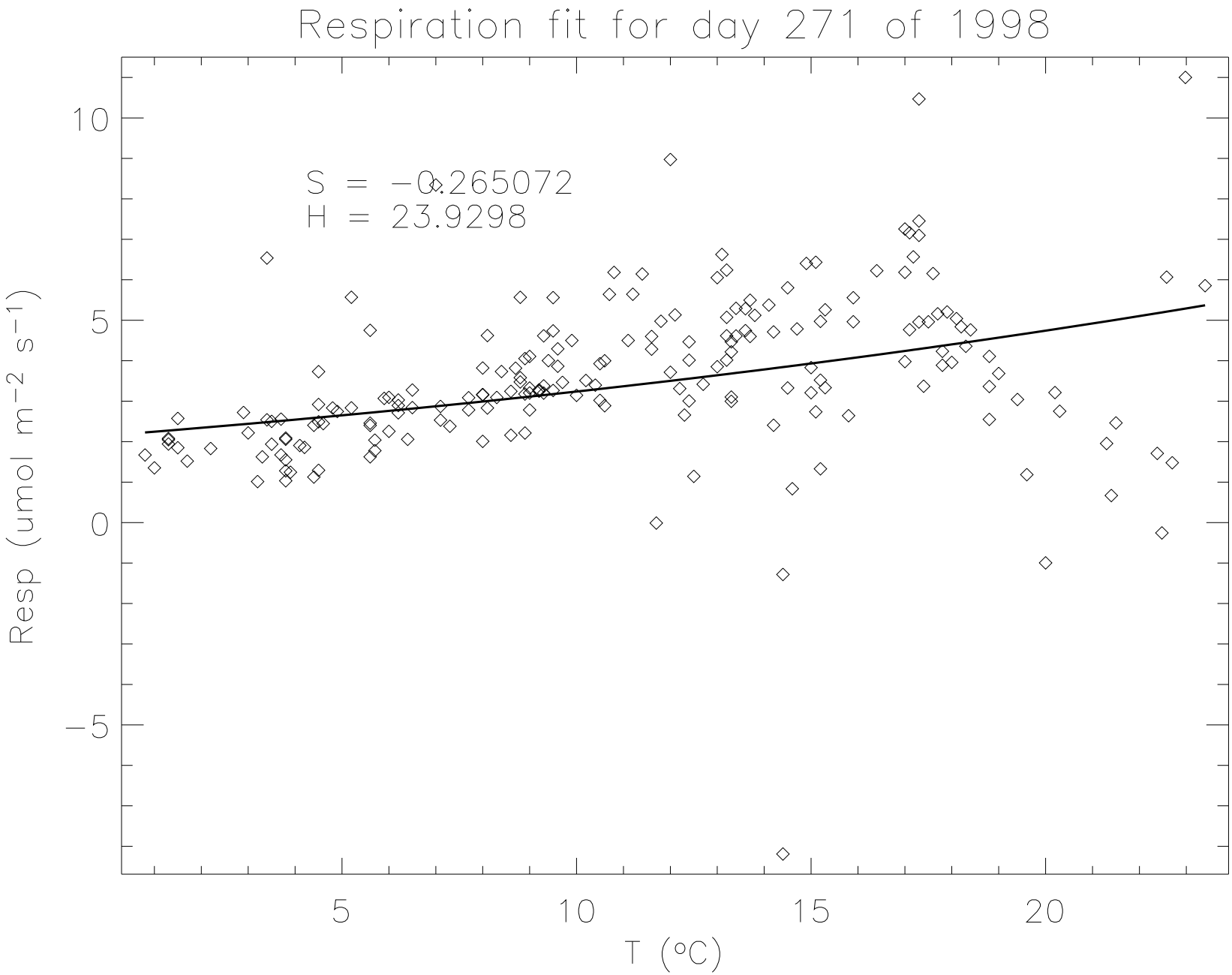
Respiration fit for day 266 of 1998
S = −0.292062
H = 16.2808
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
−5
0
5
10

Respiration fit for day 267 of 1998
S = −0.293072
H = 15.9936
Resp (umol m−2 s−1)
10
5
0
5
T (°C)
5
10
15
20

Respiration fit for day 268 of 1998
S = −0.292953
H = 16.0234
Resp (umol m−2 s−1)
10
5
0
5
T (°C)
5
10
15
20

Respiration fit for day 269 of 1998
S = −0.294003
H = 15.7012
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
−5
0
5
10

Respiration fit for day 270 of 1998
S = −0.289685
H = 16.8745
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
10
15
20



Respiration fit for day 271 of 1998
S = −0.265072
H = 23.9298
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
5
10
15
20

Respiration fit for day 272 of 1998
S = −0.2654107
H = 23.8706
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
10
15
20

Respiration fit for day 273 of 1998
S = −0.2640355
H = 24.2361
Resp (umol m−2 s−1)
10
5
0
−5
5
10
15
20
T (°C)

Respiration fit for day 274 of 1998
S = −0.256804
H = 26.2555
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
10
15
20

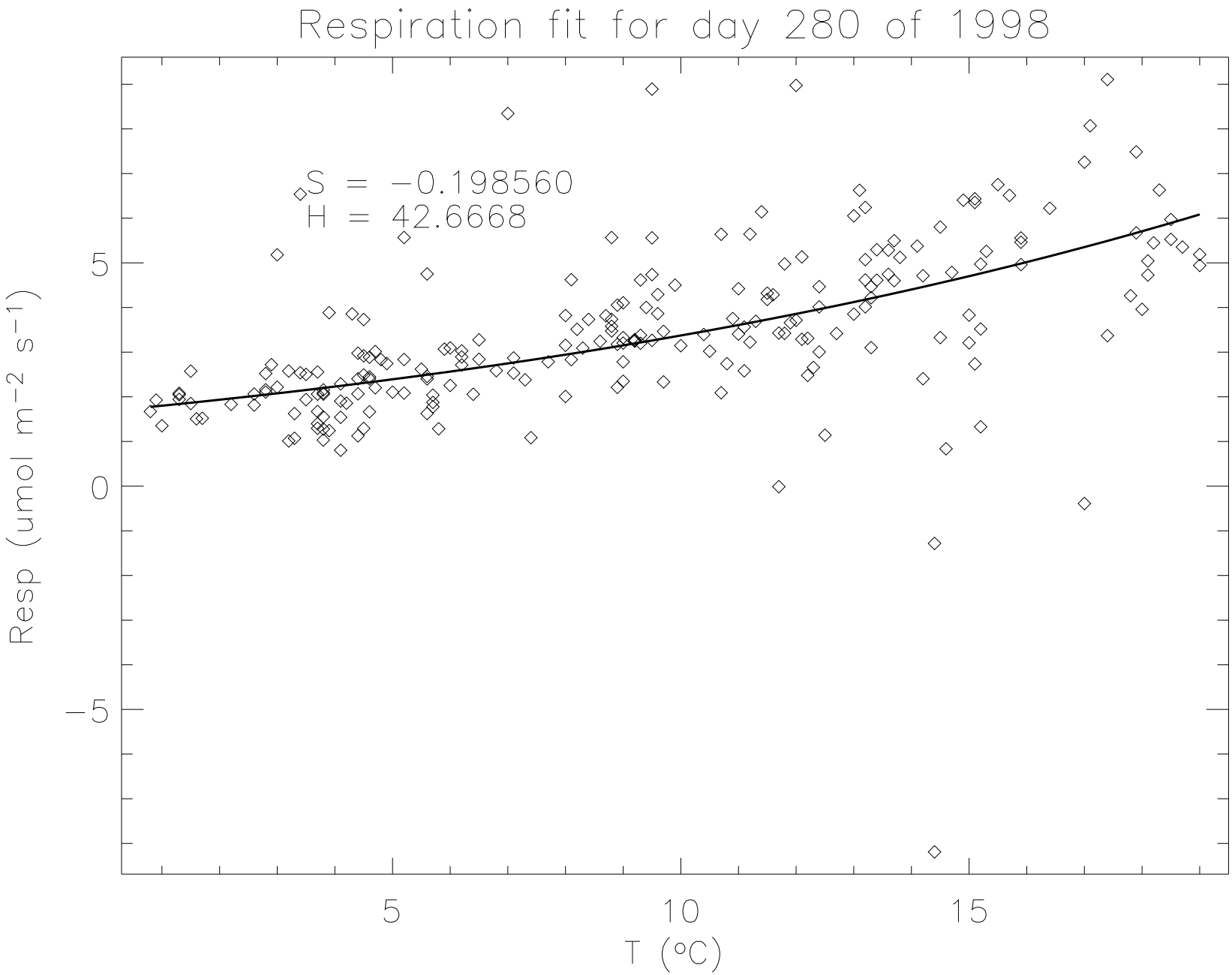
Respiration fit for day 275 of 1998
S = −0.250080
H = 28.1181
Resp (umol m−2 s−1)
10
5
0
5
T (°C)
5
10
15
20

Respiration fit for day 276 of 1998
S = −0.244299
H = 29.7389
Resp (umol m−2 s−1)
10
5
0
−5
5
10
15
20
T (°C)

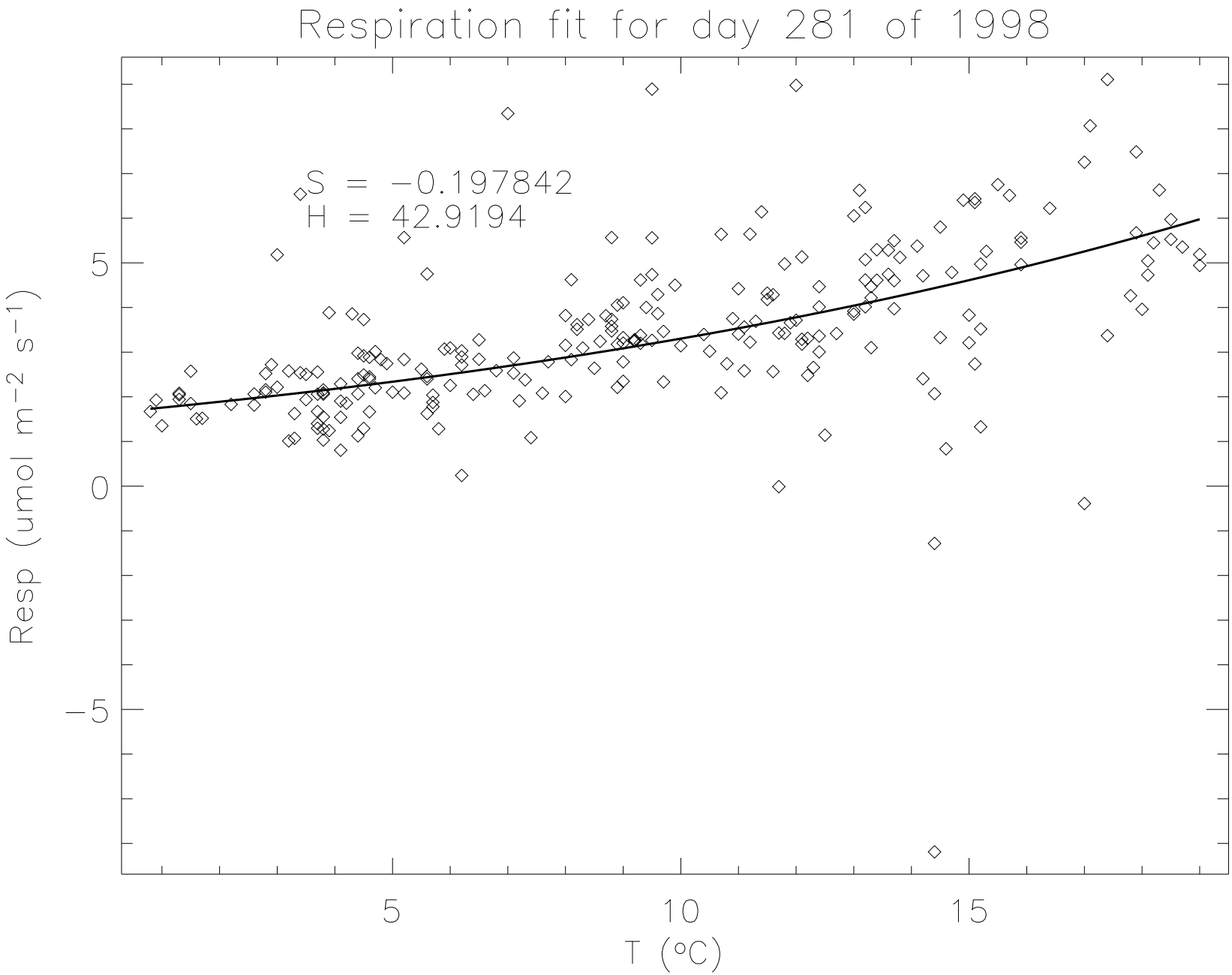
Respiration fit for day 277 of 1998
S = −0.229732
H = 33.8485
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
10
15
20

Respiration fit for day 278 of 1998
S = −0.196041
H = 43.3504
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
10
15

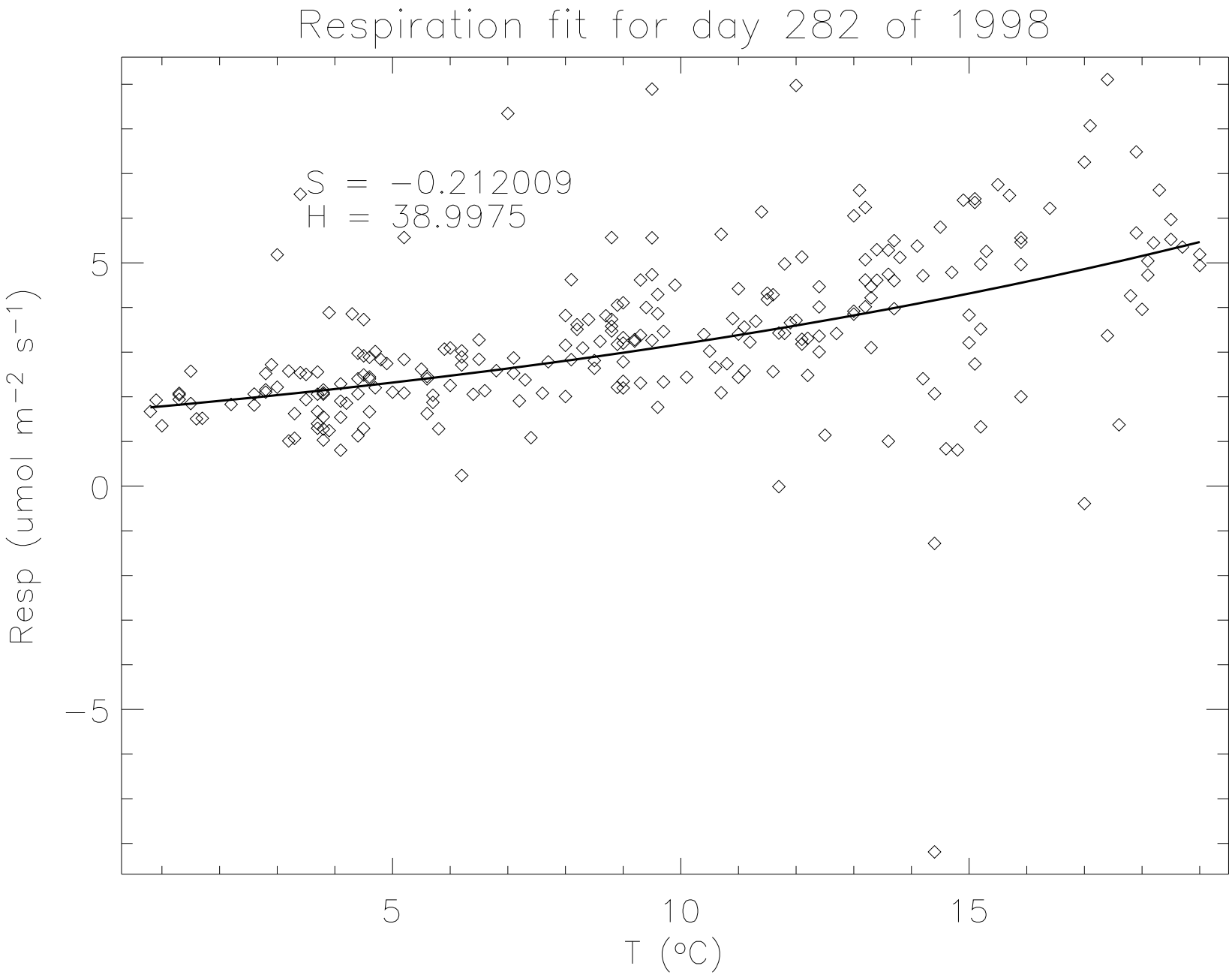
Respiration fit for day 279 of 1998
S = −0.197118
H = 43.0575
Resp (umol m−2 s−1)
−5
0
5
T (°C)
5
10
15



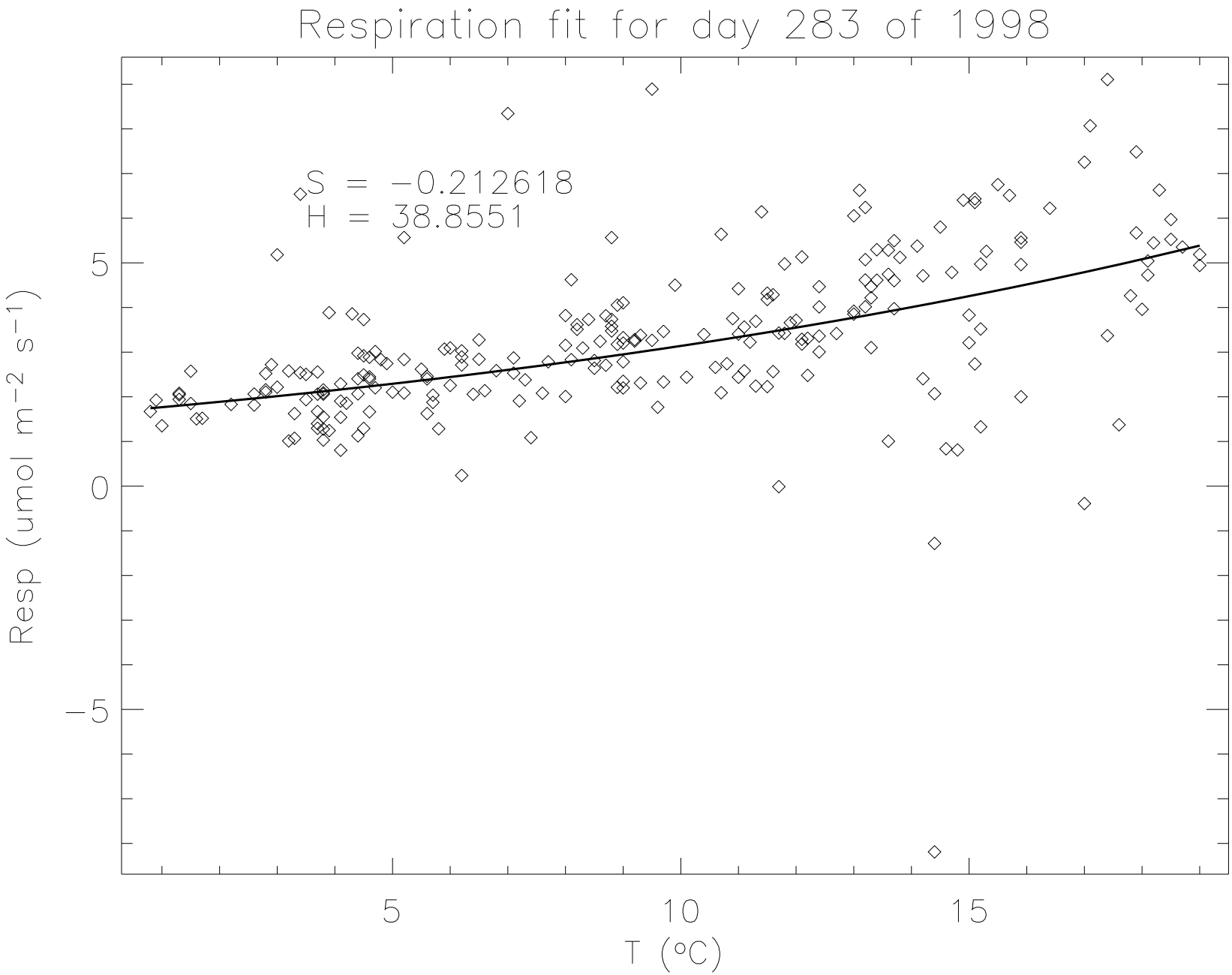
Respiration fit for day 280 of 1998
S = −0.198560
H = 42.6668
Resp (umol m−2 s−1)
5
0
−5
5
10
15
T (°C)



Respiration fit for day 281 of 1998
S = −0.197842
H = 42.9194
Resp (umol m−2 s−1)
T (°C)
5
0
−5
5
10
15



Respiration fit for day 282 of 1998
S = −0.212009
H = 38.9975
Resp (umol m−2 s−1)
T (°C)
5
0
−5
5
10
15

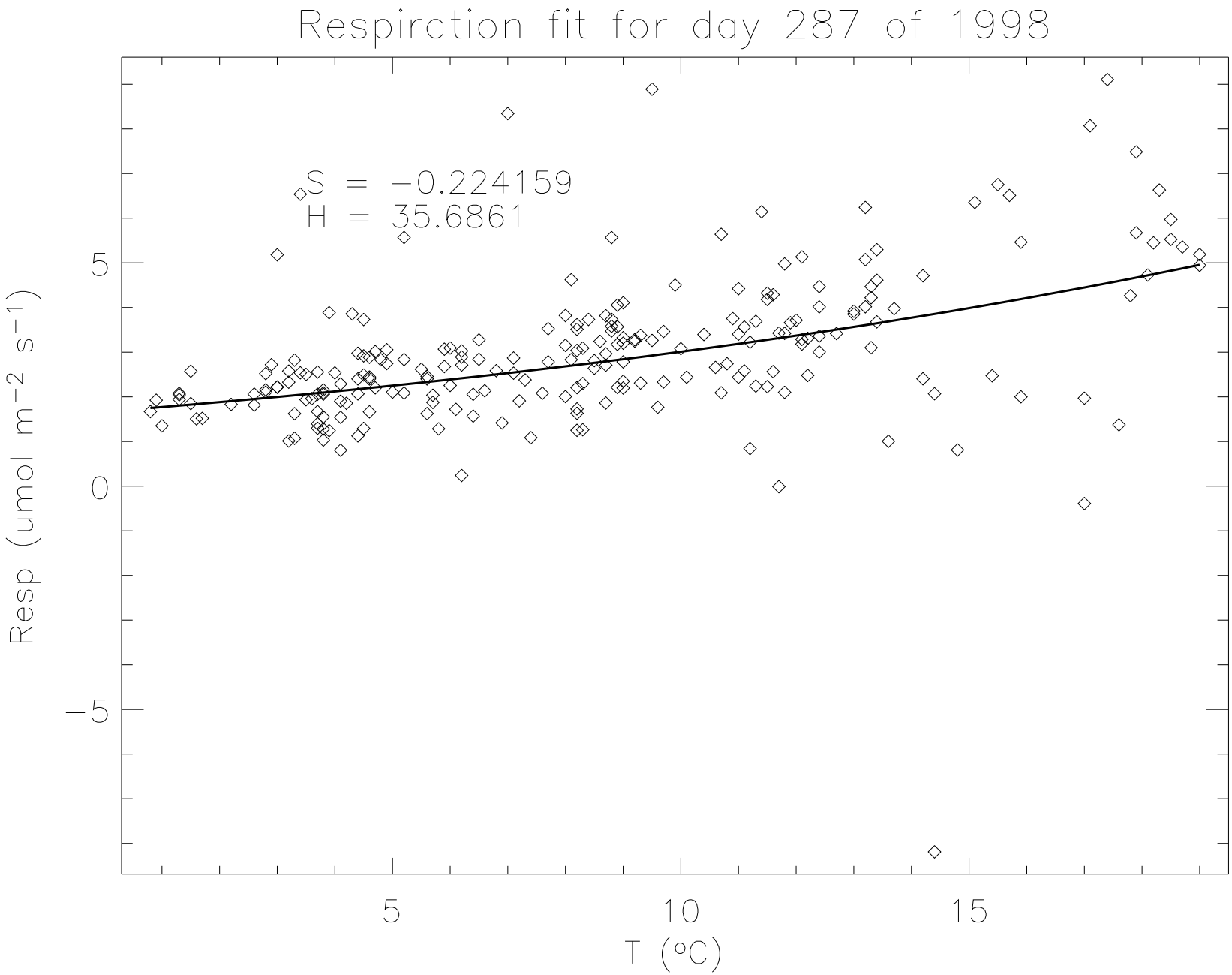


Respiration fit for day 283 of 1998
S = −0.212618
H = 38.8551
Resp (umol m−2 s−1)
T (°C)
5
0
−5
5
10
15

Respiration fit for day 284 of 1998
S = −0.219111
H = 37.0615
Resp (umol m−2 s−1)
5
0
−5
T (°C)
5
10
15

Respiration fit for day 285 of 1998
S = −0.221898
H = 36.2859
Resp (umol m−2 s−1)
−5
0
5
T (°C)
5
10
15

Respiration fit for day 286 of 1998
S = −0.218294
H = 37.3202
Resp (umol m−2 s−1)
5
0
−5
5
10
15
T (°C)



Respiration fit for day 287 of 1998
S = −0.224159
H = 35.6861
Resp (umol m−2 s−1)
T (°C)
5
0
−5
5
10
15

Respiration fit for day 288 of 1998
S = −0.223482
H = 35.8958
Resp (umol m−2 s−1)
0
2
4
6
8
T (°C)
5
10
15

Respiration fit for day 289 of 1998
S = −0.216621
H = 37.8817
Resp (umol m−2 s−1)
0
2
4
6
8
T (°C)
5
10
15

Respiration fit for day 290 of 1998
S = −0.205516
H = 41.0545
Resp (umol m−2 s−1)
0
2
4
6
8
T (°C)
5
10
15

Respiration fit for day 291 of 1998
S = −0.186997
H = 46.3082
Resp (umol m−2 s−1)
T (°C)
0
2
4
6
8
0
5
10
15

Respiration fit for day 292 of 1998
S = −0.178795
H = 48.6315
Resp (umol m−2 s−1)
T (°C)
0
2
4
6
8
0
5
10
15

Respiration fit for day 293 of 1998
S = −0.170154
H = 51.0891
Resp (umol m−2 s−1)
0
2
4
6
8
T (°C)
0
5
10
15

Respiration fit for day 294 of 1998
S = −0.161630
H = 53.5296
Resp (umol m−2 s−1)
0
2
4
6
8
T (°C)
0
5
10
15

Respiration fit for day 295 of 1998
S = −0.168750
H = 51.5522
Resp (umol m−2 s−1)
0
2
4
6
8
T (°C)
0
5
10
15

Respiration fit for day 296 of 1998
S = −0.172519
H = 50.5218
Resp (umol m−2 s−1)
0
2
4
6
8
T (°C)
0
5
10
15

Respiration fit for day 297 of 1998
S = −0.172658
H = 50.4916
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
0
2
4
6
8

Respiration fit for day 298 of 1998
S = −0.166517
H = 52.2596
Resp (umol m^{-2} s^{-1})
0
2
4
6
8
T (°C)
0
5
10
15

Respiration fit for day 299 of 1998
S = −0.168018
H = 51.8339
Resp (umol m−2 s−1)
0
2
4
6
8
T (°C)
0
5
10
15

Respiration fit for day 300 of 1998
S = −0.171114
H = 50.9977
Resp (umol m−2 s−1)
0
2
4
6
8
T (°C)
0
5
10
15

Respiration fit for day 301 of 1998
S = −0.183581
H = 47.5683
Resp (umol m−2 s−1)
0
2
4
6
8
T (°C)
−5
0
5
10
15

Respiration fit for day 302 of 1998
S = −0.182590
H = 47.8560
Resp (umol m−2 s−1)
0
2
4
6
8
T (°C)
−5
0
5
10
15

Respiration fit for day 303 of 1998
S = −0.178268
H = 49.1204
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
0
2
4
6
8

Respiration fit for day 304 of 1998
S = −0.177715
H = 49.3463
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
0
2
4
6
8

Respiration fit for day 305 of 1998
S = −0.185304
H = 47.3023
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
0
2
4
6
8

Respiration fit for day 306 of 1998
S = −0.2106539
H = 40.37548
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−1
0
1
2
3
4

Respiration fit for day 307 of 1998
S = −0.213399
H = 39.6233
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−1
0
1
2
3
4

Respiration fit for day 308 of 1998
S = −0.2094773
H = 40.74437
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−1
0
1
2
3
4

Respiration fit for day 309 of 1998
S = −0.205970
H = 41.7285
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−1
0
1
2
3
4

Respiration fit for day 310 of 1998
S = −0.212257
H = 40.0302
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−1
0
1
2
3
4

Respiration fit for day 311 of 1998
S = −0.228439
H = 35.6748
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−1
0
1
2
3
4

Respiration fit for day 312 of 1998
S = −0.242099
H = 31.9583
Resp (umol m−2 s−1)
0
2
4
T (°C)
−5
0
5
10
15

Respiration fit for day 313 of 1998
S = −0.232804
H = 34.5102
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
0
2
4

Respiration fit for day 314 of 1998
S = −0.2590995
H = 27.3748
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
0
2
4

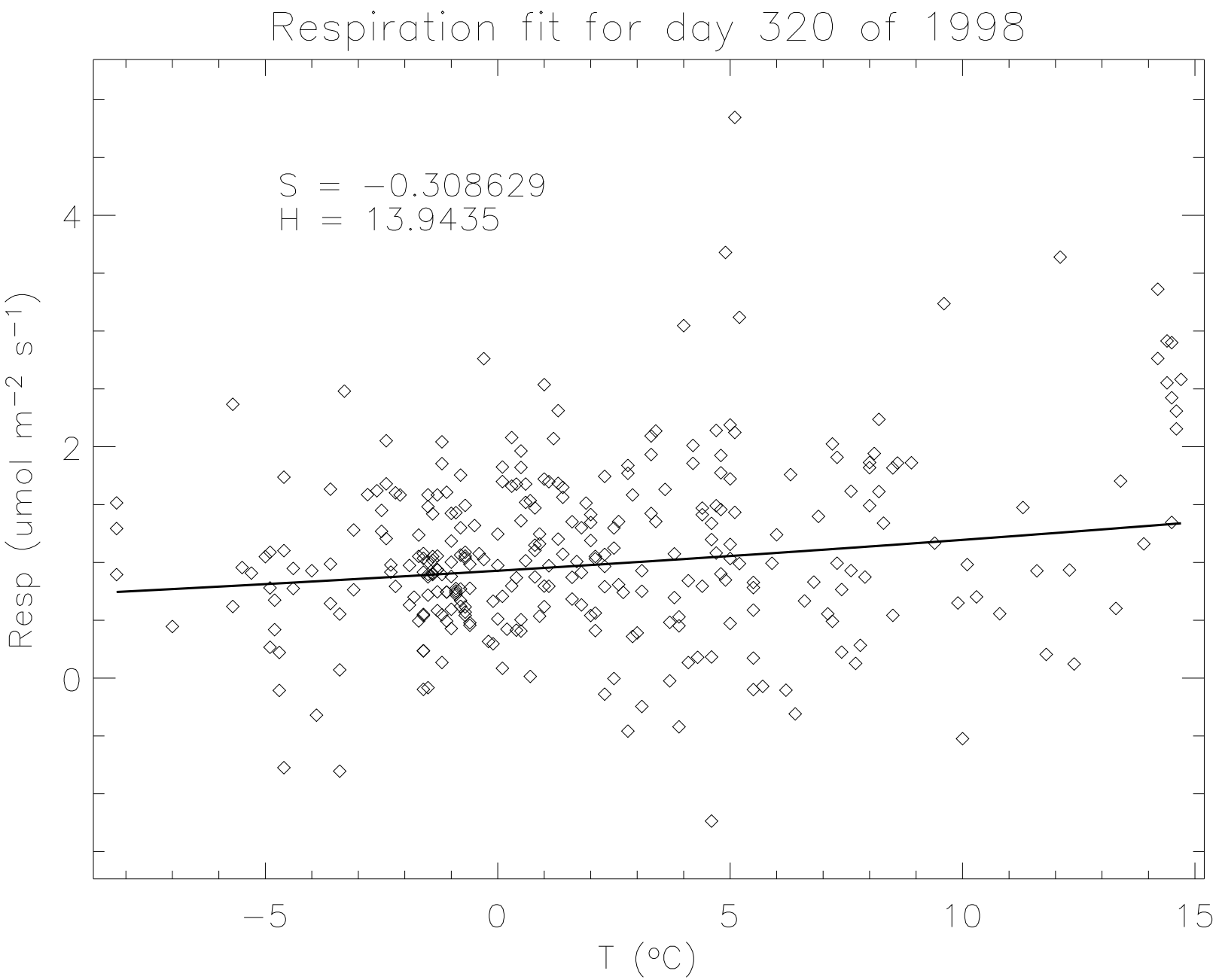
Respiration fit for day 315 of 1998
S = −0.2617776
H = 26.65647
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
0
2
4

Respiration fit for day 316 of 1998
S = −0.279638
H = 21.7699
Resp (umol m−2 s−1)
4
2
0
T (°C)
−5
0
5
10

Respiration fit for day 317 of 1998
S = −0.277834
H = 22.2591
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
0
2
4

Respiration fit for day 318 of 1998
S = −0.2792655
H = 21.9174
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
0
2
4

Respiration fit for day 319 of 1998
S = −0.286148
H = 20.05544
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
0
2
4


Respiration fit for day 320 of 1998
S = −0.308629
H = 13.9435
Resp (umol m−2 s−1)
4
2
0
−5
0
5
10
15
T (°C)

Respiration fit for day 321 of 1998
S = −0.320092
H = 10.8541
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
0
2
4

Respiration fit for day 322 of 1998
S = −0.318081
H = 11.4151
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
0
2
4

Respiration fit for day 323 of 1998
S = −0.316893
H = 11.7651
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
0
2
4

Respiration fit for day 324 of 1998
S = −0.319824
H = 10.9664
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
0
2
4
6

Respiration fit for day 325 of 1998
S = −0.318632
H = 11.2989
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
0
2
4
6

Respiration fit for day 326 of 1998
S = −0.303537
H = 15.5407
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
0
2
4
6

Respiration fit for day 327 of 1998
S = −0.293632
H = 18.3215
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
0
2
4
6

Respiration fit for day 328 of 1998
S = −0.292629
H = 18.6133
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−5
0
5
10
15

Respiration fit for day 329 of 1998
S = −0.266177
H = 26.0895
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−5
0
5
10
15

Respiration fit for day 330 of 1998
S = −0.262190
H = 27.3182
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−5
0
5
10
15

Respiration fit for day 331 of 1998
S = −0.2579783
H = 28.5649
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−5
0
5
10
15

Respiration fit for day 332 of 1998
S = −0.241463
H = 33.1798
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−5
0
5
10
15

Respiration fit for day 333 of 1998
S = −0.235156
H = 35.0635
Resp (umol m−2 s−1)
−2
0
2
4
6
T (°C)
−5
0
5
10
15

Respiration fit for day 334 of 1998
S = −0.232449
H = 35.9625
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−5
0
5
10
15

Respiration fit for day 335 of 1998
S = −0.2051353
H = 43.6462
Resp (umol m−2 s−1)
−2
0
2
4
6
T (°C)
−5
0
5
10
15

Respiration fit for day 336 of 1998
S = −0.202908
H = 44.2803
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−5
0
5
10
15

Respiration fit for day 337 of 1998
S = −0.200403
H = 44.9886
Resp (umol m−2 s−1)
−2
0
2
4
6
T (°C)
−5
0
5
10
15

Respiration fit for day 338 of 1998
S = −0.202053
H = 44.5945
Resp (umol m−2 s−1)
−2
0
2
4
6
T (°C)
−5
0
5
10
15

Respiration fit for day 339 of 1998
S = −0.194142
H = 46.8009
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−5
0
5
10
15

Respiration fit for day 340 of 1998
S = −0.246667
H = 32.2868
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−20
−10
0
10

Respiration fit for day 341 of 1998
S = −0.267530
H = 26.5228
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−20
−10
0
10

Respiration fit for day 342 of 1998
S = −0.273865
H = 24.7694
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−20
−10
0
10

Respiration fit for day 343 of 1998
S = −0.277709
H = 23.7447
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−20
−10
0
10

Respiration fit for day 344 of 1998
S = −0.283540
H = 22.2279
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−20
−10
0
10

Respiration fit for day 345 of 1998
S = −0.292315
H = 19.8017
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−20
−10
0
10

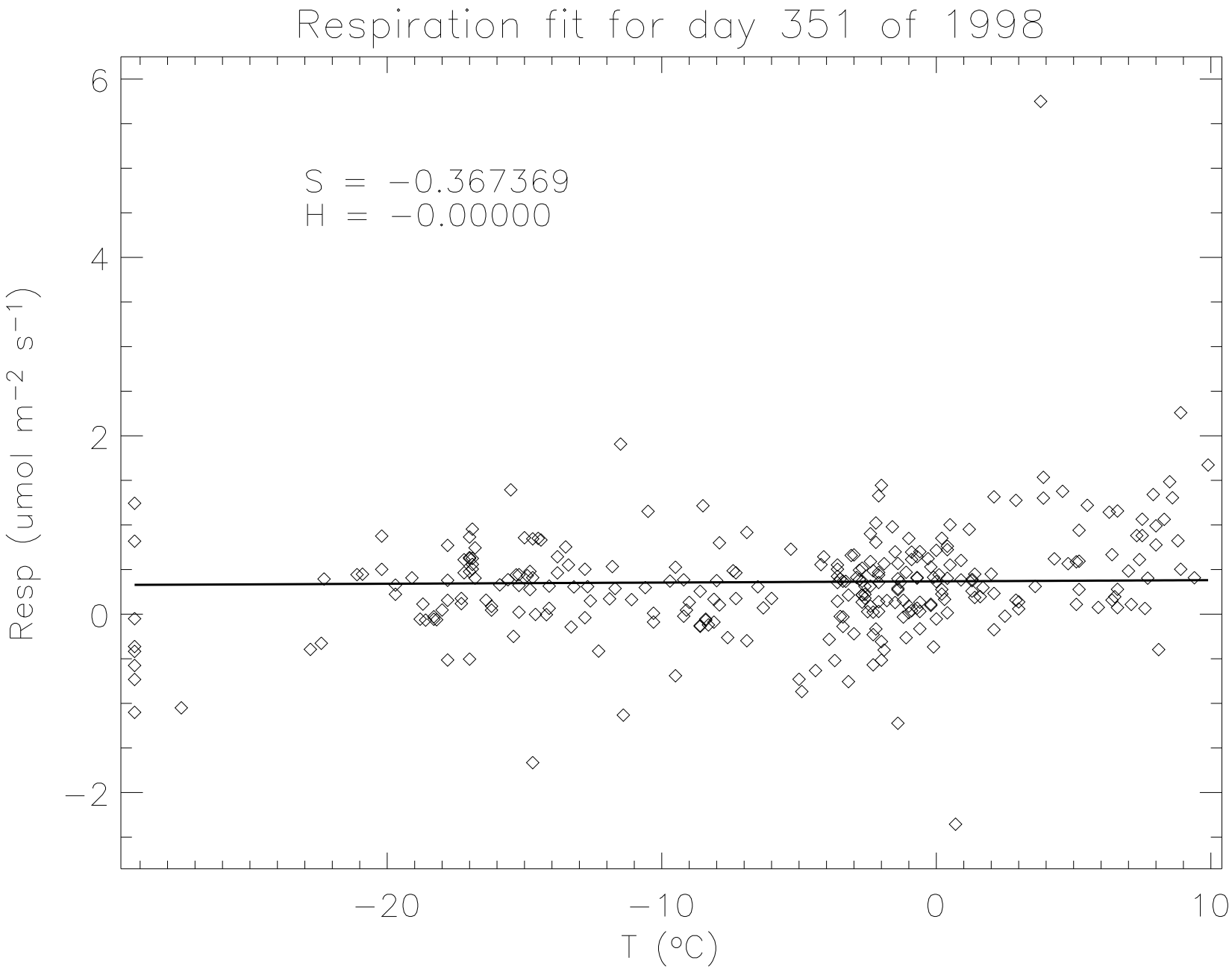
Respiration fit for day 346 of 1998
S = −0.2921777
H = 19.8655
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−20
−10
0
10

Respiration fit for day 347 of 1998
S = −0.294532
H = 19.2540
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−20
−10
0
10

Respiration fit for day 348 of 1998
S = −0.307157
H = 15.8689
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−20
−10
0
10

Respiration fit for day 349 of 1998
S = −0.331461
H = 9.45490
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−20
−10
0
10

Respiration fit for day 350 of 1998
S = −0.367093
H = −0.00000
Resp (umol m−2 s−1)
6
4
2
0
−2
T (°C)
10
0
−10
−20



Respiration fit for day 351 of 1998
S = −0.367369
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
6
4
2
0
−2
−20
−10
0
10

Respiration fit for day 352 of 1998
S = −0.367461
H = −0.00000
Resp (umol m−2 s−1)
6
4
2
0
−2
T (°C)
0
−10
−20

Respiration fit for day 353 of 1998
S = −0.367744
H = −0.00000
Resp (umol m−2 s−1)
6
4
2
0
−2
T (°C)
0
−10
−20

Respiration fit for day 354 of 1998
S = −0.368064
H = −0.00000
Resp (umol m−2 s−1)
6
4
2
0
−2
T (°C)
0
−10
−20

Respiration fit for day 355 of 1998
S = −0.3681773
H = −0.000000
Resp (umol m−2 s−1)
2
1
0
−1
−2
T (°C)
0
−10
−20

Respiration fit for day 356 of 1998
Resp (umol m-2 s-1)
2
1
0
-1
-2
T (°C)
0
-10
-20
S = -0.368344
H = -0.000000

Respiration fit for day 357 of 1998
S = −0.368300
H = −0.000000
Resp (umol m−2 s−1)
2
1
0
−1
−2
T (°C)
0
−10
−20

Respiration fit for day 358 of 1998
S = −0.3683386
H = −0.000000
Resp (umol m−2 s−1)
2
1
0
−1
−2
T (°C)
0
−10
−20

Respiration fit for day 359 of 1998
S = −0.368530
H = −0.000000
Resp (umol m⁻² s⁻¹)
2
1
0
−1
−2
T (°C)
0
−10
−20

Respiration fit for day 360 of 1998
S = −0.3679657
H = −0.000000
Resp (umol m−2 s−1)
2
1
0
−1
−2
T (°C)
0
−10
−20

Respiration fit for day 361 of 1998
S = −0.368093
H = −0.00000
Resp (umol m−2 s−1)
2
1
0
−1
−2
T (°C)
0
−10
−20

Respiration fit for day 362 of 1998
S = −0.368225
H = −0.00000
Resp (umol m−2 s−1)
2
1
0
−1
−2
T (°C)
0
−10
−20

Respiration fit for day 363 of 1998
S = −0.368270
H = −0.000000
Resp (umol m⁻² s⁻¹)
−2
−1
0
1
2
T (°C)
−20
−10
0

Respiration fit for day 364 of 1998
S = −0.368350
H = −0.00000
Resp (umol m−2 s−1)
−2
−1
0
1
2
T (°C)
−20
−10
0

Respiration fit for day 365 of 1998
S = −0.368124
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
2
1
0
−1
−2
0
−5
−10
−15
−20
−25