**DATA**;

INPUT SPECIES HAB JANT JULT FFD WSP CSP CVP SEASON SPADIV LAT ALT;

JANT2=JANT\*JANT;

JULT2=JULT\*JULT;

FFD2=FFD\*FFD;

WSP2=WSP\*WSP;

CSP2=CSP\*CSP;

CVP2=CVP\*CVP;

SEASON2=SEASON\*SEASON;

SPADIV2=SPADIV\*SPADIV;

LAT2=LAT\*LAT;

JANH=JANT\*HAB;

JULH=JULT\*HAB;

FFDH=FFD\*HAB;

WSPH=WSP\*HAB;

CSPH=CSP\*HAB;

CVPH=CVP\*HAB;

SEASONH=SEASON\*HAB;

SPADIVH=SPADIV\*HAB;

LATH=LAT\*HAB;

ALTH=ALT\*HAB;

CARDS;

5 0 43.43 74.65 174.44 10.47 24.89 35.593 7.457 .672 31.98

5000

6 1 53.81 94.82 317.2 2.27 3.652 49.382 .68 .707 32.98

1250

6 1 53.77 91.04 340.44 4.39 4.314 34.683 1.74 .78 32.62

1500

8 1 52.04 90.24 281.44 1.41 2.294 134.212 .77 .524 33.62

1500

3 1 53.32 96.04 358.9 1.65 3.635 81.196 .909 .668 34.05

1000

5 1 36.46 76.12 165.7 5.90 3.415 35.595 3.129 .696 33.92

5100

4 0 33.93 74.57 127.9 5.93 2.844 28.553 3.045 .571 34.43

6500

4 1 35.23 77.62 175.13 5.82 3.155 38.478 2.438 .621 34.57

5250

3 1 34.11 71.54 154.4 8.08 3.415 30.223 5.139 .472 34.10

7000

3 0 33.25 75.77 160.6 6.48 4.196 16.54 1.913 .695 35.30

6000

2 1 33.8 78.59 181.5 5.34 3.43 16.914 1.149 .615 35.15

5500

2 0 32.25 71.58 158.78 10.37 6.049 27.936 4.722 .825 35.75

6500

3 0 29.28 70.5 125.2 6.64 3.381 27.18 3.215 .837 35.32

7500

4 0 43.12 80.18 197.4 6.41 3.172 36.92 2.971 .749 32.38

5500

3 0 28.88 76.41 169.8 4.76 4.673 32.001 1.223 .608 36.45

6500

2 0 32.81 68.1 140 12.18 4.914 16.79 7.177 .788 35.61

7500

3 1 39.28 79.02 170.5 6.79 3.727 30.821 3.416 .765 32.54

4000

2 0 43.56 76.83 221.43 12.17 5.846 44.056 10.115 .863 32.25

4000

4 0 42.43 79 183.89 6.48 4.303 40.625 3.792 .926 31.62

6000

4 0 46.64 85.14 245 6.67 5.568 25.628 3.075 .858 33.29

4500

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**PROC** **STEPWISE**;

MODEL SPECIES=HAB JANT JANH JULT JULH FFD FFDH WSP WSPH

CSP CSPH CVP CVPH SEASON SEASONH SPADIV SPADIVH

LAT LATH ALT ALTH / STEPWISE;

**run**;