

| | | Species Classification (acc=0.100, f1=0.097) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--|--|----------|------------------|-----------|--------------|-----------|-------------|--------------|----------|-----------|----------|------------|-----------|-------------|-------------|---------------|------------|---------|----------|----------|--------|---------|-----------|----------|--------------|--------|------|---------|----------|--------|-----------|------------|---------|----------------|------------|------------|------------|-----------|-------------|-----------|-----------|---------|-----------|---------|----------|--------------|-------------|------------|-----------|--------|-----------|----------|-----------|----------|------------|-----------|----------|-----------|--------------|-----------|-------|--------------|-----------|---------|-------|
| True label | | Predicted label | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Acoerulea | Acomosus | Ahypochondriacus | Ahypogaea | Aofficinalis | Athaliana | Bdistachyon | Bplatyphylla | Bstricta | Bvulgaris | Carabica | Carietinum | Cavellana | Ccitriodora | Cclementina | Cillinoiensis | Ckanehirae | Cquinoa | Crubella | Csativus | Dalata | Dcarota | Ecoracana | Egrandis | Esalsugineum | Fvesca | Gmax | Hannuus | Hvulgare | Lalbus | Lervoides | Ljaponicus | Lsativa | Lusitatissimum | Macuminata | Mdomestica | Mesculenta | Msinensis | Mtruncatula | Ncolorata | Oeuropaea | Osativa | Othomaeum | Pamilis | Ppersica | Ptrichocarpa | Ptrifoliata | Pvaginatum | Pvirgatum | Qrubra | Rcommunis | Sbicolor | Soleracea | Sparvula | Spolyrhiza | Spurpurea | Sviridis | Taestivum | Tintermedium | Vdarrowii | Vfaba | Vunguiculata | Vvinifera | Zmarina | Zmays |
| | | 66 | 6 | 13 | 11 | 21 | 12 | 6 | 6 | 5 | 16 | 10 | 8 | 12 | 9 | 13 | 13 | 45 | 13 | 12 | 6 | 10 | 22 | 14 | 8 | 6 | 16 | 6 | 17 | 4 | 28 | 19 | 14 | 10 | 16 | 11 | 7 | 11 | 7 | 10 | 21 | 4 | 6 | 9 | 10 | 15 | 7 | 7 | 6 | 4 | 24 | 6 | 1 | 17 | 6 | 6 | 9 | 7 | 3 | 6 | 11 | 11 | 5 | 11 | 15 | 2 |
| | | 6 | 66 | 13 | 14 | 27 | 2 | 10 | 9 | 4 | 7 | 15 | 9 | 18 | 24 | 9 | 13 | 33 | 25 | 5 | 9 | 16 | 24 | 10 | 21 | 5 | 15 | 10 | 14 | 8 | 11 | 10 | 8 | 14 | 14 | 22 | 17 | 23 | 13 | 14 | 17 | 9 | 12 | 12 | 6 | 14 | 7 | 16 | 14 | 20 | 10 | 8 | 6 | 10 | 10 | 13 | 10 | 4 | 10 | 13 | 24 | 9 | 5 | 12 | 16 | 6 |
| Ahypochondriacus | | 24 | 14 | 88 | 9 | 21 | 11 | 3 | 7 | 8 | 33 | 14 | 20 | 13 | 7 | 18 | 3 | 23 | 27 | 8 | 32 | 9 | 19 | 3 | 8 | 7 | 10 | 18 | 24 | 6 | 23 | 26 | 18 | 16 | 7 | 15 | 11 | 10 | 4 | 20 | 5 | 9 | 6 | 5 | 16 | 4 | 11 | 15 | 5 | 8 | 25 | 7 | 4 | 31 | 14 | 5 | 8 | 2 | 5 | 4 | 15 | 12 | 11 | 16 | 14 | 3 |
| Ahypogaea | | 17 | 12 | 17 | 41 | 8 | 7 | 2 | 12 | 4 | 20 | 7 | 34 | 9 | 8 | 21 | 13 | 25 | 18 | 8 | 20 | 6 | 23 | 2 | 7 | 8 | 8 | 25 | 9 | 6 | 25 | 23 | 10 | 13 | 12 | 12 | 10 | 40 | 3 | 9 | 8 | 7 | 5 | 2 | 13 | 9 | 16 | 17 | 3 | 6 | 16 | 15 | 5 | 18 | 12 | 9 | 19 | 5 | 7 | 6 | 9 | 15 | 20 | 22 | 16 | 3 |
| Aofficinalis | | 21 | 23 | 26 | 9 | 98 | 6 | 7 | 7 | 3 | 16 | 22 | 11 | 19 | 15 | 9 | 9 | 48 | 17 | 5 | 16 | 11 | 21 | 16 | 13 | 3 | 16 | 11 | 31 | 7 | 18 | 26 | 10 | 18 | 17 | 26 | 16 | 6 | 2 | 19 | 28 | 20 | 3 | 1 | 19 | 11 | 8 | 17 | 4 | 5 | 13 | 15 | 4 | 23 | 8 | 21 | 14 | 5 | 8 | 10 | 30 | 27 | 11 | 17 | 26 | 12 |
| Athaliana | | 7 | 4 | 7 | 2 | 1 | 157 | 4 | 7 | 31 | 3 | 3 | 11 | 1 | 5 | 6 | 6 | 1 | 3 | 137 | 12 | 5 | 5 | 4 | 4 | 74 | 11 | 3 | 9 | 2 | 10 | 7 | 6 | 4 | 3 | 1 | 3 | 0 | 2 | 4 | 4 | 2 | 5 | 4 | 1 | 8 | 2 | 4 | 2 | 2 | 3 | 2 | 3 | 6 | 86 | 1 | 6 | 3 | 1 | 2 | 4 | 3 | 4 | 2 | 6 | 5 |
| Bdistachyon | | 6 | 2 | 4 | 0 | 7 | 8 | 75 | 1 | 2 | 2 | 7 | 1 | 2 | 8 | 1 | 4 | 27 | 0 | 1 | 3 | 2 | 4 | 40 | 19 | 3 | 6 | 2 | 9 | 32 | 6 | 2 | 3 | 6 | 10 | 18 | 1 | 6 | 21 | 3 | 26 | 4 | 40 | 57 | 1 | 4 | 2 | 2 | 36 | 33 | 0 | 6 | 27 | 10 | 6 | 10 | 4 | 51 | 44 | 29 | 12 | 5 | 1 | 3 | 10 | 29 |
| Bplatyphylla | | 17 | 14 | 16 | 8 | 28 | 6 | 5 | 40 | 4 | 18 | 19 | 10 | 36 | 9 | 17 | 20 | 64 | 17 | 1 | 14 | 18 | 7 | 4 | 13 | 6 | 12 | 16 | 19 | 5 | 14 | 13 | 16 | 17 | 11 | 13 | 8 | 12 | 4 | 13 | 28 | 7 | 5 | 4 | 18 | 11 | 17 | 16 | 3 | 9 | 37 | 10 | 5 | 9 | 10 | 14 | 10 | 5 | 4 | 4 | 22 | 10 | 5 | 29 | 12 | 1 |
| Bstricta | | 6 | 2 | 5 | 7 | 4 | 69 | 0 | 5 | 36 | 7 | 3 | 5 | 3 | 4 | 7 | 3 | 2 | 7 | 67 | 10 | 5 | 7 | 3 | 5 | 54 | 6 | 4 | 15 | 2 | 7 | 6 | 9 | 3 | 8 | 3 | 6 | 3 | 2 | 5 | 2 | 1 | 3 | 2 | 2 | 4 | 2 | 4 | 1 | 3 | 7 | 5 | 4 | 7 | 72 | 6 | 2 | 0 | 1 | 4 | 5 | 4 | 11 | 6 | 5 | 5 |
| Bvulgaris | | 18 | 14 | 43 | 10 | 27 | 6 | 0 | 7 | 6 | 77 | 14 | 18 | 8 | 9 | 5 | 10 | 40 | 32 | 5 | 18 | 13 | 24 | 9 | 11 | 9 | 17 | 17 | 17 | 6 | 26 | 13 | 19 | 10 | 8 | 9 | 10 | 15 | 4 | 16 | 20 | 14 | 7 | 4 | 15 | 13 | 7 | 11 | 3 | 5 | 19 | 13 | 4 | 27 | 10 | 8 | 12 | 6 | 3 | 7 | 34 | 14 | 11 | 16 | 27 | 8 |
| Carabica | | 20 | 18 | 16 | 6 | 16 | 1 | 8 | 8 | 3 | 16 | 51 | 9 | 17 | 11 | 13 | 7 | 49 | 13 | 3 | 22 | 14 | 15 | 15 | 27 | 7 | 10 | 16 | 8 | 4 | 15 | 12 | 6 | 6 | 17 | 17 | 12 | 14 | 2 | 6 | 44 | 9 | 7 | 8 | 11 | 15 | 20 | 18 | 6 | 6 | 16 | 8 | 4 | 7 | 6 | 4 | 15 | 6 | 4 | 6 | 24 | 9 | 14 | 14 | 17 | 3 |
| Carietinum | | 9 | 13 | 23 | 17 | 20 | 12 | 3 | 8 | 5 | 10 | 11 | 67 | 6 | 2 | 13 | 12 | 18 | 14 | 2 | 36 | 14 | 22 | 2 | 6 | 5 | 3 | 38 | 14 | 2 | 42 | 27 | 3 | 8 | 2 | 9 | 7 | 30 | 1 | 12 | 6 | 5 | 4 | 3 | 8 | 1 | 5 | 14 | 1 | 5 | 11 | 12 | 0 | 10 | 21 | 6 | 17 | 2 | 3 | 0 | 3 | 20 | 35 | 14 | 9 | 2 |
| Cavellana | | 10 | 12 | 11 | 7 | 23 | 7 | 3 | 35 | 2 | 10 | 16 | 6 | 78 | 13 | 11 | 12 | 56 | 18 | 3 | 12 | 20 | 11 | 8 | 17 | 5 | 15 | 10 | 18 | 1 | 11 | 15 | 13 | 10 | 11 | 10 | 9 | 12 | 4 | 15 | 27 | 8 | 2 | 5 | 8 | 22 | 7 | 12 | 5 | 5 | 45 | 6 | 3 | 10 | 7 | 9 | 11 | 6 | 6 | 4 | 29 | 14 | 10 | 29 | 15 | 7 |
| Ccitriodora | | 10 | 15 | 11 | 5 | 16 | 3 | 9 | 6 | 4 | 14 | 21 | 8 | 14 | 44 | 10 | 13 | 35 | 8 | 2 | 6 | 7 | 9 | 13 | 61 | 1 | 9 | 4 | 4 | 9 | 13 | 14 | 9 | 3 | 13 | 28 | 12 | 8 | 4 | 5 | 38 | 6 | 11 | 8 | 13 | 11 | 13 | 7 | 3 | 9 | 11 | 3 | 2 | 6 | 5 | 26 | 13 | 6 | 1 | 15 | 23 | 7 | 6 | 17 | 19 | 9 |
| Cclementina | | 16 | 11 | 10 | 11 | 14 | 10 | 2 | 18 | 4 | 13 | 25 | 11 | 11 | 14 | 27 | 11 | 20 | 15 | 10 | 21 | 17 | 22 | 6 | 6 | 11 | 17 | 14 | 12 | 1 | 23 | 19 | 11 | 8 | 14 | 8 | 10 | 17 | 2 | 17 | 21 | 8 | 11 | 6 | 9 | 11 | 15 | 28 | 5 | 4 | 14 | 16 | 1 | 12 | 15 | 12 | 20 | 3 | 1 | 2 | 10 | 11 | 15 | 12 | 17 | 2 |
| Cillinoiensis | | 15 | 15 | 13 | 16 | 16 | 4 | 9 | 18 | 1 | 10 | 15 | 17 | 18 | 12 | 13 | 60 | 53 | 3 | 8 | 11 | 21 | 19 | 6 | 16 | 9 | 8 | 13 | 11 | 5 | 20 | 19 | 10 | 4 | 9 | 18 | 11 | 33 | 6 | 6 | 35 | 8 | 4 | 2 | 8 | 13 | 24 | 23 | 4 | 1 | 32 | 17 | 6 | 17 | 5 | 3 | 24 | 6 | 4 | 2 | 15 | 13 | 12 | 18 | 25 | 2 |
| Ckanehirae | | 27 | 20 | 19 | 9 | 21 | 4 | 9 | 26 | 3 | 9 | 20 | 8 | 26 | 20 | 10 | 16 | 288 | 9 | 5 | 9 | 15 | 6 | 16 | 22 | 3 | 17 | 5 | 20 | 7 | 21 | 17 | 9 | 10 | 13 | 15 | 12 | 12 | 5 | 8 | 46 | 10 | 7 | 6 | 13 | 14 | 12 | 14 | 4 | 7 | 32 | 15 | 3 | 10 | 8 | 22 | 16 | 6 | 7 | 11 | 32 | 16 | 6 | 33 | 11 | 9 |
| Cquinoa | | 13 | 11 | 46 | 12 | 24 | 7 | 4 | 20 | 4 | 37 | 26 | 14 | 12 | 7 | 12 | 12 | 30 | 52 | 10 | 10 | 16 | 18 | 3 | 8 | 7 | 16 | 16 | 26 | 4 | 27 | 18 | 17 | 22 | 12 | 7 | 8 | 12 | 3 | 20 | 13 | 16 | 3 | 5 | 23 | 14 | 12 | 10 | 7 | 2 | 23 | 6 | 3 | 28 | 8 | 6 | 8 | 6 | 4 | 8 | 22 | 23 | 9 | 7 | 18 | 6 |
| Crubella | | 8 | 3 | 4 | 2 | 2 | 162 | 7 | 3 | 47 | 5 | 3 | 5 | 3 | 0 | 2 | 7 | 1 | 3 | 133 | 8 | 2 | 9 | 2 | 1 | 80 | 5 | 3 | 10 | 2 | 8 | 3 | 2 | 3 | 11 | 2 | 7 | 1 | 0 | 7 | 3 | 1 | 8 | 3 | 5 | 3 | 3 | 6 | 2 | 1 | 1 | 4 | 5 | 4 | 67 | 2 | 3 | 1 | 4 | 1 | 1 | 3 | 3 | 4 | 2 | 8 |
| Csativus | | 12 | 13 | 25 | 9 | 6 | 12 | 0 | 9 | 6 | 7 | 13 | 27 | 10 | 2 | 9 | 9 | 29 | 10 | 6 | 58 | 11 | 15 | 1 | 9 | 12 | 7 | 14 | 5 | 0 | 35 | 27 | 11 | 9 | 16 | 14 | 12 | 16 | 5 | 10 | 15 | 6 | 2 | 3 | 5 | 10 | 8 | 9 | 2 | 2 | 10 | 9 | 4 | 6 | 24 | 21 | 14 | 1 | 2 | 0 | 13 | 14 | 34 | 22 | 15 | 2 |
| Dalata | | 14 | 16 | 13 | 12 | 8 | 5 | 3 | 22 | 8 | 11 | 14 | 19 | 18 | 3 | 15 | 11 | 44 | 14 | 7 | 14 | 53 | 13 | 5 | 9 | 4 | 10 | 28 | 18 | 3 | 20 | 8 | 10 | 7 | 9 | 21 | 14 | 17 | 1 | 10 | 12 | 10 | 5 | 7 | 6 | 9 | 25 | 17 | 3 | 5 | 33 | 17 | 4 | 7 | 7 | 12 | 24 | 4 | 2 | 6 | 7 | 9 | 14 | 19 | 13 | 6 |
| Dcarota | | 23 | 16 | 25 | 16 | 21 | 5 | 7 | 11 | 5 | 12 | 14 | 17 | 4 | 12 | 16 | 14 | 22 | 27 | 12 | 8 | 13 | 66 | 7 | 7 | 8 | 19 | 16 | 21 | 1 | 23 | 14 | 6 | 8 | 19 | 14 | 15 | 11 | 6 | 9 | 16 | 9 | 9 | 6 | 15 | 11 | 12 | 10 | 3 | 7 | 15 | 9 | 2 | 15 | 12 | 1 | 12 | 6 | 4 | 6 | 10 | 14 | 10 | 12 | 23 | 7 |
| Ecoracana | | 8 | 2 | 3 | 2 | 6 | 0 | 43 | 2 | 4 | 7 | 11 | 2 | 2 | 10 | 3 | 6 | 14 | 4 | 5 | 3 | 4 | 19 | 62 | 14 | 4 | 6 | 6 | 9 | 15 | 2 | 2 | 6 | 7 | 14 | 19 | 6 | 5 | 21 | 4 | 26 | 1 | 24 | 78 | 4 | 6 | 4 | 4 | 38 | 44 | 8 | 5 | 25 | 5 | 7 | 10 | 5 | 31 | 27 | 33 | 12 | 5 | 5 | 4 | 6 | 26 |
| Egrandis | | 6 | 13 | 8 | 2 | 13 | 2 | 15 | 11 | 2 | 8 | 18 | 7 | 10 | 44 | 8 | 7 | 45 | 7 | 4 | 4 | 5 | 3 | 16 | 55 | 4 | 16 | 4 | 5 | 5 | 12 | 9 | 9 | 12 | 18 | 18 | 13 | 9 | 4 | 9 | 38 | 10 | 6 | 7 | 22 | 13 | 6 | 14 | 4 | 8 | 10 | 3 | 6 | 8 | 2 | 29 | 11 | 5 | 9 | 8 | 33 | 10 | 7 | 22 | 10 | 3 |
| Esalsugineum | | 7 | 5 | 7 | 5 | 3 | 96 | 0 | 5 | 49 | 2 | 8 | 6 | 1 | 2 | 3 | 8 | 7 | 5 | 99 | 9 | 0 | 6 | 1 | 2 | 111 | 9 | 6 | 13 | 8 | 6 | 3 | 6 | 3 | 9 | 3 | 6 | 3 | 4 | 4 | 5 | 3 | 8 | 1 | 0 | 6 | 2 | 6 | 2 | 0 | 7 | 6 | 4 | 5 | 84 | 0 | 4 | 0 | 1 | 6 | 6 | 6 | 5 | 3 | 9 | 13 |
| Fvesca | | 28 | 16 | 5 | 6 | 17 | 9 | 15 | 13 | 5 | 13 | 16 | 6 | 7 | 12 | 13 | 5 | 38 | 14 | 14 | 7 | 11 | 17 | 11 | 17 | 8 | 43 | 10 | 23 | 6 | 10 | 14 | 12 | 13 | 21 | 14 | 13 | 4 | 6 | 7 | 25 | 8 | 11 | 7 | 10 | 13 | 9 | 13 | 6 | 5 | 13 | 8 | 1 | 11 | 10 | 5 | 9 | 3 | 3 | 8 | 19 | 11 | 4 | 12 | 19 | 8 |
| Gmax | | 22 | 8 | 16 | 18 | 7 | 8 | 3 | 4 | 1 | 7 | 16 | 29 | 15 | 9 | 19 | 14 | 28 | 18 | 7 | 19 | 19 | 23 | 2 | 11 | 9 | 10 | 56 | 14 | 4 | 35 | 19 | 15 | 14 | 7 | 14 | 11 | 29 | 1 | 13 | 15 | 7 | 2 | 5 | 9 | 15 | 21 | 16 | 3 | 1 | 27 | 18 | 5 | 5 | 16 | 4 | 23 | 0 | 0 | 0 | 4 | | | | | |