Supplemental Appendix 1. Morphological characteristics (for codes see Appendix 2) assessed for each accession (for codes see Appendix 1)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	2
■1	4	10	1	10	180	1	10	1	4	1.0	1.3	1.2	1.0	1.0	0.8	5	5	5	12	1	4	100	250	4	8
■2	1	6	2	10	200	1	10	1	4	1.5	1.2	1.4	1.7	0.1	1.3	5	6	4	10	1	3	50	170	0	5
✱1	0	1	3	10	20	1	2	1	2	1.1	1.2	1.3	1.3	1.1	1.1	3	4	0	0	0	0	0	0	0	0
✱2	3	6	2	50	100	2	6	1	3	1.4	1.3	1.4	1.3	1.8	0.9	4	5	0	0	0	0	0	0	0	0
✱3	1	3	3	10	300	2	10	2	4	1.5	1.4	1.4	1.7	1.0	0.9	11	11	0	0	0	0	0	0	0	0
✱4	1	4	3	30	200	3	14	2	5	0.1	1.3	1.3	1.4	1.1	1.6	5	7	0	0	0	0	0	0	0	0
✱5	1	7	1	30	120	3	10	2	3	0.1	1.2	1.5	1.3	0.9	1.0	6	7	1	5	1	2	20	60	0	2
✱6	1	5	3	20	200	2	14	1	5	1.2	1.1	1.5	2.4	2.0	1.4	5	6	2	6	1	2	20	120	2	4
✱7	8	11	1	20	200	1	17	1	4	0.2	1.4	1.4	1.2	1.1	1.3	5	6	0	0	0	0	0	0	0	0
✱8	0	1	3	10	40	1	5	1	2	1.3	1.1	1.0	1.2	1.3	1.1	4	5	8	14	4	4	70	120	0	1
✱9	1	4	1	20	140	2	14	2	5	1.3	1.4	1.0	1.3	1.0	1.0	5	6	0	0	0	0	0	0	0	0
▲1	1	3	3	30	120	3	12	2	5	1.1	1.4	1.5	1.8	1.1	1.2	8	10	0	0	0	0	0	0	0	0
▲2	1	4	3	30	150	3	14	1	4	1.2	1.1	1.2	1.9	1.3	1.0	9	11	0	0	0	0	0	0	0	0
▲3	1	1	3	20	50	3	7	2	4	1.1	1.1	1.0	1.3	0.9	0.9	12	13	0	0	0	0	0	0	0	0
▲4	1	3	3	10	150	2	10	1	5	1.1	1.2	1.6	1.9	1.3	1.2	5	7	0	0	0	0	0	0	0	0
▲5	3	5	3	10	20	2	14	1	5	1.1	1.4	1.4	2.3	1.3	1.1	4	5	0	0	0	0	0	0	0	0
◆1	1	4	3	10	200	1	14	1	5	1.1	1.0	1.6	1.8	1.2	1.1	7	8	4	8	1	2	70	150	0	2
◆2	0	1	3	10	70	1	10	1	4	1.1	1.1	1.5	1.4	1.1	1.3	5	7	2	9	1	3	40	150	0	4
◆3	0	1	3	10	70	1	10	1	4	1.1	1.1	1.5	1.4	1.1	1.3	5	7	2	9	1	3	40	150	0	4
◆4	12	16	1	70	170	2	14	1	5	1.3	1.2	1.8	2.0	0.9	1.1	6	9	2	10	1	3	40	160	0	7
O1	0	0	4	0	0	0	0	0	0	1.6	1.5	1.3	1.9	1.4	1.3	5	5	0	0	0	0	0	0	0	0
O2	0	1	3	10	50	1	8	1	4	1.0	1.0	1.6	1.4	1.3	0.9	5	7	0	0	0	0	0	0	0	0
O3	0	1	3	10	50	1	6	1	4	1.6	1.1	0.9	1.3	1.2	1.4	5	7	0	0	0	0	0	0	0	0
O4	1	1	3	10	50	1	7	1	3	1.1	1.1	1.2	1.1	1.1	0.8	4	7	0	0	0	0	0	0	0	0
O5	0	1	3	10	30	1	5	1	2	1.4	1.4	1.2	2.0	1.4	1.3	5	7	0	0	0	0	0	0	0	0
O6	0	1	3	10	50	1	6	1	3	1.1	1.2	1.3	1.5	1.7	1.2	5	7	0	0	0	0	0	0	0	0
O7	1	1	3	10	90	1	8	1	3	1.3	1.4	1.2	1.3	1.1	1.0	5	5	0	0	0	0	0	0	0	0

O8	1	1	3	10	40	1	6	1	3	1.1	1.1	1.3	0.9	1.1	0.8	5	6	0	0	0	0	0	0	0	0	0