

Supplementary material

Table S1 List of novel samples obtained for this study, including sampling localities and Genbank accession numbers. Contributing museums, collections and institutions are given under Sample ID. Abbreviations: JBP – Jurong Bird Park (Singapore); NPSRP – National Parks Board Singapore Bird Ringing Programme; LKCNHM – Lee Kong Chian Natural History Museum (Singapore); MZB – Museum Zoologicum Bogoriense (Cibinong, West Java); BMNHC – Burke Museum of Natural History and Culture (Seattle); HKBRT – Hong Kong Bird Watching Society Ringing Team.

S/N.	Sample ID	Species ID (following this study)	Locality	GenBank Accession number (ND2, cytb)
1	<i>simplex</i> - JBP01	<i>Zosterops simplex simplex</i>	Singapore (captive)	MH357450, MH357381
2	<i>erwini</i> - JBP02	<i>Zosterops simplex erwini</i>	Singapore (captive)	MH357451, MH357412
3	<i>erwini</i> - JBP03	<i>Zosterops simplex erwini</i>	Singapore (captive)	MH357452, MH357410
4	<i>erwini</i> - JBP04	<i>Zosterops simplex erwini</i>	Singapore (captive)	MH357453, MH357409
5	<i>erwini</i> - JBP05	<i>Zosterops simplex erwini</i>	Singapore (captive)	MH357454, MH357408
6	<i>simplex</i> - JBP06	<i>Zosterops simplex simplex</i>	Singapore (captive)	MH357455, MH357379
7	<i>erwini</i> - JBP09	<i>Zosterops simplex erwini</i>	Singapore (captive)	MH357456, MH357407
8	<i>simplex</i> - JBP10	<i>Zosterops simplex simplex</i>	Singapore (captive)	MH357482, MH357380
9	<i>erwini</i> - JBP11	<i>Zosterops simplex erwini</i>	Singapore (captive)	[NA], MH357418
10	<i>erwini</i> - JBP13	<i>Zosterops simplex erwini</i>	Singapore (captive)	[NA], MH357417
11	<i>erwini</i> - JBP14	<i>Zosterops simplex erwini</i>	Singapore (captive)	MH357476, MH357416
12	<i>erwini</i> - JBP15	<i>Zosterops simplex erwini</i>	Singapore (captive)	MH357475, [NA]
13	<i>erwini</i> - JBP16	<i>Zosterops simplex erwini</i>	Singapore (captive)	MH357477, MH357415
14	<i>erwini</i> - JBP17	<i>Zosterops simplex erwini</i>	Singapore (captive)	[NA], MH357414
15	<i>erwini</i> - JBP18	<i>Zosterops simplex erwini</i>	Singapore (captive)	MH357478, [NA]
16	<i>erwini</i> - JBP19	<i>Zosterops simplex erwini</i>	Singapore (captive)	MH357479, MH357413
17	<i>erwini</i> - JBP20	<i>Zosterops simplex erwini</i>	Singapore (captive)	MH357480, MH357411
18	<i>simplex</i> - NPSRP J3590	<i>Zosterops simplex simplex</i>	Springleaf Nature Park, Singapore	MH357481, MH357375
19	<i>erwini</i> - NPSRP J3598	<i>Zosterops simplex erwini</i>	Springleaf Nature Park, Singapore	MH357468, MH357423
20	<i>erwini</i> - NPSRP J3485	<i>Zosterops simplex erwini</i>	Pulau Ubin, Singapore	MH357466, MH357424
21	<i>erwini</i> - NPSRP J3472	<i>Zosterops simplex erwini</i>	Pulau Ubin, Singapore	MH357464, MH357425
22	<i>erwini</i> - NPSRP J3823	<i>Zosterops simplex erwini</i>	Kent Ridge, Singapore	MH357467, MH357421

23	<i>erwini</i> - NPSRP J3820	<i>Zosterops simplex erwini</i>	Kent Ridge, Singapore	MH357465, MH357422
24	<i>erwini</i> - NPSRP J4058	<i>Zosterops simplex erwini</i>	Pulau Ubin, Singapore	MH357469, MH357420
25	<i>erwini</i> - NPSRP J4059	<i>Zosterops simplex erwini</i>	Pulau Ubin, Singapore	MH357470, MH357419
26	<i>erwini</i> - LKCNHM CR122	<i>Zosterops simplex simplex</i>	Greenridge Crescent, Singapore	MH357485, MH357378
27	<i>erwini</i> - LKCNHM CR139	<i>Zosterops simplex erwini</i>	Bishan, Singapore	MH357471, MH357435
28	<i>erwini</i> - LKCNHM CR158	<i>Zosterops simplex erwini</i>	Clementi, Singapore	MH357472, MH357434
29	<i>erwini</i> - LKCNHM CR159	<i>Zosterops simplex erwini</i>	Prince George Park, Singapore	MH357473, MH357433
30	<i>erwini</i> - LKCNHM CR161	<i>Zosterops simplex simplex</i>	Unknown locality in Singapore	MH357484, MH357377
31	<i>erwini</i> - LKCNHM CR162	<i>Zosterops simplex erwini</i>	Outside National University Hospital, Singapore	MH357474, MH357432
32	<i>erwini</i> - LKCNHM CR163	<i>Zosterops simplex simplex</i>	Campus of National University of Singapore, Singapore	MH357483, MH357376
33	<i>melanurus</i> - MZB KM06	<i>Zosterops melanurus melanurus</i>	Bogor (West Java) bird market (captive)	MH357486, [NA]
34	<i>buxtoni</i> - MZB KM01	<i>Zosterops melanurus buxtoni</i>	Bogor (West Java) bird market (captive)	MH357487, MH357438
35	<i>melanurus</i> - MZB KM07	<i>Zosterops melanurus melanurus</i>	Bogor (West Java) bird market (captive)	MH357488, MH357405
36	<i>melanurus</i> - MZB KM09	<i>Zosterops melanurus melanurus</i>	Bogor (West Java) bird market (captive)	MH357489, MH357404
37	<i>buxtoni</i> - MZB KM02	<i>Zosterops melanurus buxtoni</i>	Bogor (West Java) bird market (captive)	MH357490, MH357437
38	<i>chloris</i> - MZB KM10	<i>Zosterops chloris</i>	Bogor (West Java) bird market (captive)	MH357458, [NA]
39	<i>buxtoni</i> - MZB KM03	<i>Zosterops melanurus buxtoni</i>	Bogor (West Java) bird market (captive)	MH357491, MH357436
40	<i>buxtoni</i> - MZB KM04	<i>Zosterops melanurus buxtoni</i>	Bogor (West Java) bird market (captive)	MH357492, MH357440
41	<i>buxtoni</i> - MZB KM05	<i>Zosterops melanurus buxtoni</i>	Bogor (West Java) bird market (captive)	MH357493, MH357439
42	<i>erwini</i> - LKCNHM PEN01	<i>Zosterops simplex erwini</i>	Kedah, Malaysia	MH357459, MH357391
43	<i>erwini</i> - LKCNHM PEN02	<i>Zosterops simplex erwini</i>	Kedah, Malaysia	MH357460, MH357390
44	<i>erwini</i> - LKCNHM PEN03	<i>Zosterops simplex erwini</i>	Kedah, Malaysia	MH357461, MH357389
45	<i>erwini</i> - LKCNHM PEN04	<i>Zosterops simplex erwini</i>	Kedah, Malaysia	MH357462, MH357388
46	<i>erwini</i> - LKCNHM PEN05	<i>Zosterops simplex erwini</i>	Kedah, Malaysia	MH357463, MH357387
47	<i>harterti</i> - MZB NTT001	<i>Zosterops citrinella harterti</i>	Alor, Indonesia	MH357494, MH357430
48	<i>harterti</i> - MZB NTT003	<i>Zosterops citrinella harterti</i>	Alor, Indonesia	MH357495, MH357428
49	<i>harterti</i> - MZB NTT004	<i>Zosterops citrinella harterti</i>	Alor, Indonesia	MH357496, MH357427
50	<i>harterti</i> - MZB NTT005	<i>Zosterops citrinella harterti</i>	Alor, Indonesia	MH357497, MH357426
51	<i>harterti</i> - MZB NTT010	<i>Zosterops citrinella harterti</i>	Alor, Indonesia	MH357498, MH357429

52	<i>citrinella</i> -MZB NTT062	<i>Zosterops citrinella citrinella</i>	Kupang, West Timor, Indonesia	MH357499, MH357397
53	<i>citrinella</i> -MZB NTT063	<i>Zosterops citrinella citrinella</i>	Kupang, West Timor, Indonesia	MH357500, MH357396
54	<i>citrinella</i> -MZB NTT070	<i>Zosterops citrinella citrinella</i>	Rote, Indonesia	MH357501, MH357395
55	<i>citrinella</i> -MZB NTT079	<i>Zosterops citrinella citrinella</i>	Rote, Indonesia	MH357502, [NA]
56	<i>citrinella</i> -MZB NTT086	<i>Zosterops citrinella citrinella</i>	Rote, Indonesia	MH357503, MH357394
57	<i>citrinella</i> -MZB NTT093	<i>Zosterops citrinella citrinella</i>	Rote, Indonesia	MH357504, MH357393
58	<i>citrinella</i> -MZB NTT096	<i>Zosterops citrinella citrinella</i>	Rote, Indonesia	MH357505, MH357392
59	<i>citrinella</i> -MZB NTT101	<i>Zosterops citrinella citrinella</i>	Rote, Indonesia	MH357506, MH357403
60	<i>citrinella</i> -MZB NTT110	<i>Zosterops citrinella citrinella</i>	Rote, Indonesia	MH357507, MH357402
61	<i>citrinella</i> -MZB NTT115	<i>Zosterops citrinella citrinella</i>	Rote, Indonesia	MH357508, MH357401
62	<i>citrinella</i> -MZB NTT123	<i>Zosterops citrinella citrinella</i>	Rote, Indonesia	MH357509, MH357400
63	<i>citrinella</i> -MZB NTT137	<i>Zosterops citrinella citrinella</i>	Kupang, West Timor, Indonesia	MH357510, MH357399
64	<i>citrinella</i> -MZB NTT138	<i>Zosterops citrinella citrinella</i>	Kupang, West Timor, Indonesia	MH357511, MH357398
65	<i>montanus</i> -MZB TBU18	<i>Zosterops japonicus montanus</i>	Taliabu, Indonesia	MH357513, MH357386
66	<i>montanus</i> -MZB TBU19	<i>Zosterops japonicus montanus</i>	Taliabu, Indonesia	MH357514, MH357385
67	<i>montanus</i> -MZB TBU22	<i>Zosterops japonicus montanus</i>	Taliabu, Indonesia	MH357515, MH357384
68	<i>montanus</i> -MZB TBU23	<i>Zosterops japonicus montanus</i>	Taliabu, Indonesia	MH357516, MH357383
69	<i>montanus</i> -MZB TBU27	<i>Zosterops japonicus montanus</i>	Taliabu, Indonesia	MH357517, MH357382
70	<i>salvadorii</i> -LKC NHM PE01	<i>Zosterops simplex salvadorii</i>	Enggano Island, Indonesia	MH357512, MH357431
71	<i>japonicus</i> -BMNHC PJG224	<i>Zosterops japonicus japonicus</i>	Hawaii, USA	MH357457, MH357406
72	<i>simplex</i> -HKBRT 16HK152	<i>Zosterops simplex simplex</i>	Mai Po, Hong Kong	MH357518, MH357442
73	<i>simplex</i> -HKBRT 16HK045	<i>Zosterops simplex simplex</i>	Mai Po, Hong Kong	MH357524, [NA]
74	<i>simplex</i> -HKBRT 16HK116	<i>Zosterops simplex simplex</i>	Mai Po, Hong Kong	MH357521, MH357444
75	<i>simplex</i> -HKBRT 16HK043	<i>Zosterops simplex simplex</i>	Mai Po, Hong Kong	MH357522, MH357449
76	<i>simplex</i> -HKBRT 16HK046	<i>Zosterops simplex simplex</i>	Mai Po, Hong Kong	MH357525, MH357447
77	<i>simplex</i> -HKBRT 16HK163	<i>Zosterops simplex simplex</i>	Mai Po, Hong Kong	MH357519, MH357441
78	<i>simplex</i> -HKBRT 16HK058	<i>Zosterops simplex simplex</i>	Mai Po, Hong Kong	MH357520, MH357445
79	<i>simplex</i> -HKBRT 16HK044	<i>Zosterops simplex simplex</i>	Mai Po, Hong Kong	MH357523, MH357448
80	<i>simplex</i> -HKBRT 16HK054	<i>Zosterops simplex simplex</i>	Mai Po, Hong Kong	[NA], MH357446
81	<i>simplex</i> -HKBRT 16HK146	<i>Zosterops simplex simplex</i>	Mai Po, Hong Kong	[NA], MH357443

Table S2 Complete list of GenBank ND2 and cytb gene sequences obtained for this study.

S/N.	GenBank Accession No.	Species ID (following this study)	Location	ND2 gene	cytb gene
1	FJ460807	<i>Zosterops citrinella unicus-02</i>	Flores Island, Indonesia	x	
2	KC540183	<i>Zosterops citrinella unicus-01</i>	Lesser Sundas	x	
3	KJ455705	<i>Zosterops palpebrosus palpebrosus-01</i>	Himalayas	x	
4	FJ460806	<i>Zosterops palpebrosus palpebrosus-02</i>	Nepal	x	
5	FJ460801	<i>Zosterops palpebrosus siamensis-01</i>	North Vietnam	x	
6	KT310496	<i>Zosterops simplex simplex-01</i>	Yunnan, China	x	
7	DQ861968	<i>Zosterops simplex simplex-02</i>	Yunnan, China	x	
8	GU724482	<i>Zosterops simplex simplex-03</i>	Yunnan, China	x	
9	FJ460798	<i>Zosterops chloris-02</i>	Sulawesi, Indonesia	x	
10	FJ460815	<i>Zosterops citrinella citrinella-01</i>	Roti Island, Indonesia	x	
11	FJ460809	<i>Zosterops atrifrons</i>	Sulawesi, Indonesia	x	
12	FJ460802	<i>Zosterops atricapilla-01</i>	Borneo	x	
13	FJ173338	<i>Zosterops atricapilla-02</i>	Borneo	x	
14	FJ460810	<i>Zosterops japonicus montanus-01</i>	Sulawesi, Indonesia	x	
15	FJ173367	<i>Zosterops japonicus montanus-02</i>	Sulawesi, Indonesia	x	
16	FJ173365	<i>Zosterops japonicus pectoralis-PH1</i>	Negros, Philippines	x	
17	FJ173364	<i>Zosterops japonicus pectoralis-PH2</i>	Negros, Philippines	x	
18	FJ173362	<i>Zosterops japonicus diuatae-PH3</i>	Mindanao, Philippines	x	
19	FJ173354	<i>Zosterops japonicus diuatae-PH4</i>	Mindanao, Philippines	x	
20	FJ173345	<i>Zosterops japonicus ssp.-PH5</i>	Panay, Philippines	x	
21	FJ173344	<i>Zosterops japonicus ssp.-PH6</i>	Panay, Philippines	x	
22	FJ173339	<i>Zosterops japonicus whiteheadi-PH7</i>	Luzon, Philippines	x	
23	FJ173340	<i>Zosterops japonicus whiteheadi-PH8</i>	Luzon, Philippines	x	
24	FJ460797	<i>Woodfordia superciliosa</i>	Rennell, Solomon Islands	x	
25	FJ460805	<i>Zosterops flavifrons</i>	Vanuatu	x	
26	FJ460812	<i>Zosterops luteus</i>	Australia	x	
27	FJ460817	<i>Zosterops metcalfi</i>	Choiseul, Solomon Islands	x	

28	FJ460836	<i>Zosterops ugiensis</i>	Makira, Solomon Islands	x
29	FJ460828	<i>Zosterops vellalavella</i>	Vellalavella, Solomon Islands	x
30	FJ460818	<i>Zosterops rennellianus</i>	Rennel, Solomon Islands	x
31	FJ460829	<i>Zosterops fuscicapillus</i>	Louisiade Islands	x
32	FJ460834	<i>Zosterops luteirostris</i>	Ghizo Island, Solomon Islands	x
33	FJ460835	<i>Zosterops splendidus</i>	Rannonga, Solomon Islands	x
34	FJ460832	<i>Zosterops rendovae</i>	Rendova, Solomon Islands	x
35	FJ460814	<i>Zosterops lateralis-01</i>	Australia	x
36	FJ460804	<i>Zosterops lateralis-02</i>	Vanuatu	x
37	FJ460833	<i>Zosterops murphyi</i>	Kolombangara, Solomon Islands	x
38	KY765098	<i>Zosterops palpebrosus egregius-01</i>	Sri Lanka	x
39	KY765139	<i>Zosterops palpebrosus egregius-02</i>	Sri Lanka	x
40	KY765095	<i>Zosterops palpebrosus egregius-03</i>	Sri Lanka	x
41	KY765096	<i>Zosterops palpebrosus egregius-04</i>	Sri Lanka	x
42	KY765099	<i>Zosterops palpebrosus egregius-05</i>	Sri Lanka	x
43	KY765097	<i>Zosterops palpebrosus egregius-06</i>	Sri Lanka	x
44	KY765094	<i>Zosterops palpebrosus egregius-07</i>	Sri Lanka	x
45	KY765107	<i>Zosterops palpebrosus nilgiriensis-01</i>	Kerala, India	x
46	KY765109	<i>Zosterops palpebrosus nilgiriensis-02</i>	Kerala, India	x
47	KY765104	<i>Zosterops palpebrosus nilgiriensis-03</i>	Kerala, India	x
48	KY765101	<i>Zosterops palpebrosus nilgiriensis-04</i>	Kerala, India	x
49	KY765108	<i>Zosterops palpebrosus nilgiriensis-05</i>	Kerala, India	x
50	KY765110	<i>Zosterops palpebrosus nilgiriensis-06</i>	Kerala, India	x
51	KY765102	<i>Zosterops palpebrosus nilgiriensis-07</i>	Kerala, India	x
52	KY765103	<i>Zosterops palpebrosus nilgiriensis-08</i>	Kerala, India	x
53	KY765105	<i>Zosterops palpebrosus nilgiriensis-09</i>	Kerala, India	x
54	FJ460811	<i>Zosterops virens</i>	South Africa	x
55	FJ460813	<i>Zosterops maderaspatanus</i>	Madagascar	x
56	FJ460803	<i>Zosterops senegalensis</i>	Ghana	x
57	FJ460808	<i>Zosterops nigrorum</i>	Luzon, Philippines	x
58	KY765093	<i>Zosterops ceylonensis-01</i>	Sri Lanka	x
59	KY765092	<i>Zosterops ceylonensis-02</i>	Sri Lanka	x

60	KY765090	<i>Zosterops ceylonensis</i> -03	Sri Lanka	x	
61	KY765091	<i>Zosterops ceylonensis</i> -04	Sri Lanka	x	
62	FJ460796	<i>Zosterops emiliae</i>	Borneo	x	
63	FJ460799	<i>Zosterops abyssinica</i>	Captive	x	
64	FJ460800	<i>Zosterops erythropleura</i>	Captive	x	
65	HQ608850	<i>Zosterops simplex simplex</i> -04	Shaanxi, China		x
66	DQ837523	<i>Zosterops simplex simplex</i> -05	Yunnan, China		x
67	AB248718	<i>Zosterops simplex simplex</i> -11	Hong Kong, China		x
68	AB248717	<i>Zosterops simplex simplex</i> -12	Hong Kong, China		x
69	AB248716	<i>Zosterops simplex simplex</i> -13	Hong Kong, China		x
70	AB248715	<i>Zosterops simplex simplex</i> -14	Taiwan (ROC)		x
71	AB248940	<i>Zosterops japonicus japonicus</i> -01	Nagasaki, Japan		x
72	AB248939	<i>Zosterops japonicus japonicus</i> -02	Nagasaki, Japan		x
73	AB248938	<i>Zosterops japonicus japonicus</i> -03	Ibaraki, Japan		x
74	AB159165	<i>Zosterops japonicus japonicus</i> -08	Ibaraki, Japan		x
75	AB159166	<i>Zosterops japonicus japonicus</i> -09	Ibaraki, Japan		x
76	AB159167	<i>Zosterops japonicus japonicus</i> -06	Gyeongsangnam-do, Korea		x
77	AB159168	<i>Zosterops japonicus japonicus</i> -07	Gyeongsangnam-do, Korea		x
78	AB248728	<i>Zosterops japonicus japonicus</i> -10	Kagoshima, Japan		x
79	AB248719	<i>Zosterops melanurus</i> -G01	Unknown (Traded)		x
80	DQ837522	<i>Zosterops palpebrosus palpebrosus</i> -03	Yunnan, China		x
81	KJ702869	<i>Zosterops palpebrosus nilgiriensis</i> -10	Western Ghats, India		x
82	KJ702868	<i>Zosterops palpebrosus nilgiriensis</i> -11	Western Ghats, India		x
83	KJ702867	<i>Zosterops palpebrosus nilgiriensis</i> -12	Western Ghats, India		x
84	KJ702866	<i>Zosterops palpebrosus nilgiriensis</i> -13	Western Ghats, India		x
85	KJ702865	<i>Zosterops palpebrosus nilgiriensis</i> -14	Western Ghats, India		x
86	KJ702864	<i>Zosterops palpebrosus nilgiriensis</i> -15	Western Ghats, India		x
87	KJ702863	<i>Zosterops palpebrosus nilgiriensis</i> -16	Western Ghats, India		x
88	KJ702862	<i>Zosterops palpebrosus nilgiriensis</i> -17	Western Ghats, India		x
89	KJ702861	<i>Zosterops palpebrosus nilgiriensis</i> -18	Western Ghats, India		x
90	KJ702860	<i>Zosterops palpebrosus nilgiriensis</i> -19	Western Ghats, India		x
91	KJ702859	<i>Zosterops palpebrosus nilgiriensis</i> -20	Western Ghats, India		x

92	KJ702858	<i>Zosterops palpebrosus nilgiriensis</i> -21	Western Ghats, India		x
93	JF756836.1/ JF756762.1	<i>Yuhina brunneiceps</i>	Taiwan	x	x
				ND2 total:	cytb total:
				65	29

Figure S1 Phylogenetic tree of the concatenated genes (ND2 + cytb). Branch support values are indicated by an asterisk (*) at each node if high (Bayesian posterior probability > 0.95 / maximum likelihood > 0.7) but omitted otherwise. Each terminal taxon name at the tip of the tree is a subspecies epithet.

