

ACKNOWLEDGEMENTS

The making of this book was a project of the BirdLife Asia Partnership, and it was spearheaded by the Wild Bird Society of Japan under the direction of Noritaka Ichida. The warmest tribute must be paid to WBSJ and to Mr Ichida for this stewardship, and for seeing and taking the opportunity to build the identity and programmes of the Asia Partnership through a project which would involve all its present and many future components. Moreover, it was a Vice President of BirdLife International and the Wild Bird Society of Japan, Sukio Iwatare, who played such a significant role in securing funding for the project from the Government of Japan. Very sadly, Mr Iwatare died on 7 March 2001, just as this book was going to press, and he never saw the finished product; it is, however, dedicated to his memory as a token of the respect in which the entire BirdLife Partnership held him for all his endeavours.

The major sponsor of the project was the Ministry of the Environment, Government of Japan, and BirdLife International expresses its warmest thanks to all personnel from the ministry who have supported the project over its long development, including H. Kobayashi and K. Mori.

At the time of the launch of the project, WBSJ secured the donation by Toshiba of 20 laptop computers, which were distributed amongst the national coordinators and some compilers. This generosity is very greatly appreciated. Significant financial support came from the Nippon Telegraph and Telephone Corporation through the NTT-ME World Bird Count, and particular mention must be made of the strong support received from S. Ikeda. In Asia, the Wild Bird Federation Taiwan (the BirdLife Partner in Taiwan) supported work on the Red Data Book for South Asia, with funding provided by the Council of Agriculture.

In Europe, long-term support for the project was received from Vogelbescherming Nederland, the BirdLife Partner in the Netherlands, and the Royal Society for the Protection of Birds (RSPB), the BirdLife Partner in the UK. Thanks in particular are due at Vogelbescherming to J. Winkelman, Head of the International Programme, and at the RSPB to A. B. Gammell, Director of the International Division, D. Hoffmann, Head of Global Programmes, and K. W. Smith, Head of the Aquatic Research Section, for the commitment they consistently showed to this effort.

Major support for the mapping component of the project came from Conservation International based in Washington, DC, through its Center for Applied Biodiversity Science. BirdLife International warmly acknowledges the generosity and goodwill of CI, and pays special thanks to G. Fonseca and T. M. Brooks for their roles in brokering an increasingly fruitful cooperation between the two organisations.

The other funders of the project are listed on the donor page, but the debt BirdLife International owes them needs the clearest expression: we therefore most sincerely thank J. R. MacKinnon (ASEAN Region Center for Biodiversity Conservation), F. K. Bromley (Bromley Trust), Mikael Rosén (Club 300), Anthony Collerton, Matti Nummelin (Finnish government), Esko Jaakkola (Finnish government), Brian Garfield (Garfield Foundation), Karen Hsu, Lady Peng MacNeice (Loke Wan Tho Memorial Foundation), H. Christopher Luce (Henry Luce Foundation), Louise M. Parent, Mary Gordon Roberts, Timothy Peet (Sarnia Charitable Trust), Maria Schulz (Swedish International Development Agency), and C. C. Tung and Harriet Tung (Tung Foundation). Karen Hsu deserves a special vote of thanks for her outstanding contribution in helping raise the funds that brought the project through its final year.

The Indonesian component of the project was supported in part by Dansk Ornitologisk Forening (DOF, the BirdLife Partner in Denmark) – thanks go to A. Pedersen, Head of International Department, for arranging this – and by the Royal Netherlands Embassy,

Acknowledgements

Jakarta. The Philippine component of the project was supported in part by the British Embassy, Manila, and by British Airways Assisting Conservation (BAAC). BAAC also helped out with flights for project staff to and from other parts of Asia on several occasions.

The Chairman of the BirdLife Asia Council, N. Ichida, and Vice-Chairmen S. A. Hussain, K. Kumar and K. Oesman, have provided guidance, support and organisation throughout the project (while the fourth Vice-Chairman, A. V. Andreev, was one of the editors).

The information and ideas synthesised in this book came from many sources from within and outside the Asian region. The initial, and in many countries the principal, source of data were the national compilers and principal national contributors who are listed on the opening pages of the book. They are to be congratulated for their monumental efforts in collating this huge body of work, and for providing information and perceptions on the conservation of the region's birds that have never before been synthesised and published in an international work.

In the WING office of WBSJ, a team including Y. Inui, K. Ito, K. Kato, T. Murakami, T. Nomura and H. Senda helped to collect and edit data from several North-East Asian countries. Y. Kanai and M. Ueta provided advice and data to the team from their studies of birds in North-East Asia. K. Koyama and S. Furukawa helped with communication and promotion of the project. Shim Cho-ryon translated Korean texts into English, and Y. Shimoju helped to trace localities in Japan. The financial management of the project was conducted by T. Morishita, K. Sugawara and S. Iwade.

In the BirdLife International Indonesia Programme Office many people helped (those who provided data are named on the title page), but special thanks must go to R. Saryanthi for her highly efficient work in gathering and preparing Indonesian information and in coordinating the data research programme with her colleagues.

Thanks are also extended to the many people who participated in and indeed organised workshops that were conducted in 1995–1997 as part of the Red Data Book process. A workshop for South Asia was hosted in India by the Salim Ali Centre for Ornithology and Natural History (special thanks to V. S. Vijayan, L. Vijayan, S. A. Hussain and staff). A workshop for South-East Asia was hosted by the Malaysian Natural History Society (special thanks to K. Kumar and G. Noramly). A workshop for mainland China was hosted by the China Ornithological Society (special thanks to Zheng Guangmei, Xu Weishu and the late Tan Yaokuang). Several workshops for Thailand were hosted by the Bird Conservation Society of Thailand (special thanks to U. Treesucon). Several workshops were hosted in the Philippines by the Haribon Foundation (special thanks to B. R. Tabaranza and N. A. D. Mallari). A workshop for Taiwan was hosted by the Chinese Wild Bird Federation (now Wild Bird Federation of Taiwan) (special thanks to L. L. Severinghaus).

R. F. A. Grimmett, Head of the Asia Programme of BirdLife International, has played a key role in planning and overseeing this project, and his resolute support, sympathetic management and unerring judgement over seven years have been crucial elements in its growth and completion. A. J. Long served for several years as the Cambridge Secretariat-based Manager of the Asia Programme, and managed the day-to-day aspects of project activities undertaken in Cambridge throughout that period with great skill and energy. A. J. Stattersfield took a major role in various aspects of the finalisation of the project, and her calm and astute management of these matters was a source of great reassurance in the exceptionally pressurised four months before the book went to press. M. R. W. Rands, Director and Chief Executive of BirdLife International, C. J. Bibby, Director of Science and Policy, and T. W. Parker, Director of Finance and Administration, maintained a vigilance over the project's progress which was always sympathetic and therefore always stimulating. Other current and former members of staff at the BirdLife International Secretariat who played substantial roles in the preparation of the book are C. Alder, A. Andaryati, M. S. Balman, D. S. Butler, J. Cooper, P. J. A. Davidson, G. C. L. Dutton, P. Herkenrath, J. Kwok, J. C. Lowen,

Threatened birds of Asia

C. McCormick, N. B. Peet, R. Pfaff, A. R. Rayner, S. M. Shutes, M. V. Sneary, J. D. Speck, C. J. Spreadbury and R. D. Thomas; A. J. Stattersfield and M. F. Heath prepared the data analysis and policy review elements in the Introduction. Short-term project staff in the Secretariat also made a huge contribution: D. J. Brooks, S. T. Buckton, S. H. M. Butchart, A. C. F. Collar, R. Cooney, J. A. Fogarty, C. M. Hewson, R. Johnson, N. Seddon, M. G. Wilson, P. J. Wrapson, plus volunteers R. Nason, and, in particular, the late Caroline Pilkington, who gave a day a week to the project in the years 1995–1997, and whom everybody loved and admired.

There have been several outstanding contributions from individuals to this project. The principal figures are listed in the credits on the title page, and their participation is a source of the most earnest gratitude. However, some of them did more than is reflected by that first-page acknowledgement, while some others, unnamed there, probably did as much for the project as many of those who *are* on that page. S. van Balen (SvB) compiled a good number of first drafts of Indonesian (mainly Malesian) species and provided much personal information from his long years in the country. K. D. Bishop read through all Indonesian drafts and enthusiastically provided his records from the entire Asian region. J. W. Duckworth read through every Indochinese species account and commented meticulously. Gao Yuren provided much information on birds and conservation in southern China. O. A. Goroshko made available many first-hand data from the Russian part of the Dauria region. The late D. A. Holmes made a major contribution to the evaluation of species in Sundaic Indonesia. C. Inskipp and T. P. Inskipp gave great support over Bhutan, India and Nepal, and T. P. Inskipp allowed free access to his enormous collection of papers on Oriental birds, as well as to his pioneering ornithological bibliographies of Asian countries, which were the backbone of literature searches and researches for South and South-East Asia. Kim Jin-han and Park Jin-young provided many unpublished data in Korea. B. F. King generously spent several days working through his notebooks for records and discussing the conservation status of the various species. C. Y. Lam and L. Liu Severinghaus gave enormous support in the data collection process in Hong Kong and Taiwan. F. R. Lambert was a constant source of both information and encouragement. Liu Naifa gave extensive help on birds in north-west China. P. J. K. McGowan read through all early drafts of pheasants and parrots, and was very helpful in judging the IUCN Red List classifications. A. Pittie was extremely helpful in providing improvements to many Indian references, based on his extensive bibliographic database. M. K. Poulsen (MKP) compiled a number of first drafts of Indonesian (Moluccan) species and provided much personal information. A. R. Rahmani and colleagues at BNHS read through and greatly improved the Indian species accounts. P. C. Rasmussen gave huge support in the form of literature references, specimen data and taxonomic judgement; she also most generously allowed the use of the illustration that forms the frontispiece to part 1. P. D. Round was a never-failing source of information in response to hundreds of inquiries about birds in Thailand and elsewhere. C. R. Robson made a major contribution through his work on BirdLife's Biodiversity Project, gathering locality records of restricted-range species and tracing the geographical coordinates of many of them. N. Tseveenmyadag contributed extensively on the Mongolian part of the Dauria region. Wang Qishan made an enormous contribution to the waterbird texts for China. D. Warakagoda and the Committee of the Ceylon Bird Club went to great lengths to ensure that the Sri Lankan accounts were as complete as possible. Yang Lan and Yu Zhiwei did likewise with texts on birds from south-west China. Zhang Zhengwang greatly improved the texts for many species of pheasant.

The following people very kindly volunteered information, judgement or help, sometimes in very large quantities (so that some of them might have been listed in the preceding paragraph). Some names in this list appear although they are also credited elsewhere in the acknowledgements or on the title pages; this is because they contributed in other forms. The thanks of the entire BirdLife Partnership goes to them all: B. Acharya, P. Adriano, L. Afuang,

Acknowledgements

V. Aksenov, E. Alcalá, P. K. Aleem, P. D. Alexander-Marrack, P. Alind, D. Allen (with apologies for having mistakenly called him “D. A. Allen” all through *Threatened birds of the Philippines*), G. A. Allport, S. Alonzo-Pasicolan, P. Alström, R. N. Altamirano, E. Alvarez Cordero, E. Alviola, P. L. Alviola, B. Amget, T. Andersen, K. Ando, P. Andrew, R. Andronov, V. A. Andronov, Y. Andryuschenko, A. Antonchikov, A. Antonov, T. Aoki, G. Archibald, F. Arganarata, M. Argeloo, Arongqiqige, E. Arregadas, J. S. Ash, S. Aspinall, P. Aston, T. Atkinson, M. Aurivillius, B. Ayusheev, M. D. Bachelor, L. D. Bailey, I. Baird, G. C. Baker, T. Baker, C. S. Balchin, D. S. Balete, C. Bambaradeniya, H. S. Baral, R. Barghav, M. Barter, P. Barthel, J. Barzen, S. Basnet, G. M. Bass, F. Bath, P. Bawden, A. Bayard, C. Bealey, M. A. S. Beaman, B. M. Beehler, M. van Beirs, W. Beisenherz, C. Bell, E. L. Bennett, L. Bennun, A. van den Berg, H. Beste, J. Beste, J. W. den Besten, A. Bhupathy, Bi Junhuai, D. W. Billing, Birdquest, K. D. Bishop, M. A. Bishop, H. Bisht, S. J. M. Blaber, W. Bleisch, D. Bojo, Z. Z. Borisov, A. P. Borodin, N. Bostock, J. Boughey, M. Boussekey, J. Bowler, A. M. Boychenko, P. W. Bradbeer, A. Bräunlich, C. Briffett, B. Briggs, E. Briggs, S. Brögger-Jensen, M. de L. Brooke, C. F. Brooks, T. M. Brooks, J. Brouwer, K. Brouwer, J. Bryant, H. Buck, D. Buckingham, P. Buckley, S. T. Buckton, R. Buij, S. Bukreev, K. Bunthavee, I. Burrows, S. Burrows, S. H. M. Butchart, A. Cahill, Cai Qikan, J. Caldecott, J. Caldwell, M. Caleda, D. Callaghan, R. Callo, P. Camberlein, E. Cañete, Cao Yonghan, G. J. Carey, T. Carlberg, C. Caron, B. Carrick, J. J. Carroll, P. Carty, D. Cedenó, C. G. Cederlund, Cha In-wha, R. T. Chacko, M. L. Chalmers, J. Chance, Chang Jiachuan, V. Chantrasmi, M. Chapman, P. Charoenjai, W. Charoenjai, A. Chartier, N. Chartier, A. A. Chaudhry, A. S. Cheke, Chen Kuiwu, S. Chester, Chiang Kuen-dar, Chiang Ming-liang, Chiang Pojen, R. A. Childs, B. Chimed-Ochir, Chiong Bian, H. Choudhary, A. Choudhury, B. C. Choudhury, W. M. Choy, J. H. Christensen, K. Christensen, D. A. Christie, Chuang Yuan-hong, J. Clements, L. Co, B. J. Coates, W. Collis, P. R. Colston, S. Cook, D. Cooper, F. Cooper, J. Corder, J. Coulson, S. Cox, R. Crombie, L. Crosby, J. P. Croxall, Cui Zhixing, E. Curio, A. Curry, C. Custodio, G. Dagondon, Z. Dahaban, T. D. Dahmer, Dai Bo, S. Dalziel, Dang Gia Tung, J. C. Daniel, F. Danielsen, D. R. Dann, A. T. L. Dans, J. Danzenbaker, Yu. A. Darman, I. Das, P. Davidson, G. W. H. Davison, S. P. Dawson, J. C. Day, G. de Silva Wijeyeratne, A. Dean, R. Dean, R. W. R. J. Dekker, J. M. Diamond, J. H. Dick, E. C. Dickinson, A. C. Diesmos, R. S. Digamo, Ding Changqing, Ding Ping, Ding Wenning, D. Diskin, Do Tuoc, C. Donald, P. Donaldson, E. Dorfman, M. Dornbusch, S. D. Dowell, R. Drew, A. Drewitt, R. Drijvers, J. W. Duckworth, D. Duff, S. Duffield, G. Duke, J. Dunn, G. C. L. Dutton, A. Duya, J. N. Dymond, M. Ebreo, A. T. Edgar, M. H. Edwards, U. Ekanayake, J. Ekstrom, E. N. Elaev, A. Elliott, K. Evans, R. Eve, J. E. Faggan, R. J. Fairbank, M.-A. Falzon, D. S. Farrow, A. Faustino, I. V. Fefelov, M. Fehlow, M. L. Felley, J. R. Fellowes, R. E. Fernandez, U. Fernando, R. Filby, D. Fisher, T. H. Fisher, M. Flack, R. L. Fleming Jr., B. Fletcher, E. Flint, W. Forstmeier, B. Fraser, G. Fredriksson, J. Fritzhand, M. Fukuda, K. Fukui, R. A. Fuller, H. Furushiro, L. Gabutero, A. A. Gaidar, R. Gales, V. Galushin, A. Gancz, Gao Xingyi, N. Gardner, P. J. Garson, E. J. F. Gasis-Campbell, A. J. Gaston, I. P. Gavril'eva, B. Gee, M. Gelang, D. Ghose, D. Gibbs, M. Gilbert, R. Gill, T. R. Giri, J. O. Gjershaug, P. K. Glebov, F. Goes, M. I. Golovushkin, J. C. T. Gonzalez, M. P. Goodey, D. Goodwin, P. D. Goriup, G. Grafton, A. J. Green, M. J. B. Green, R. E. Green, S. Greenfield, A. Greensmith, J. Gregory, P. Gregory, R. Gregory-Smith, E. Greiner, A. Gretton, D. Griffin, R. Griffiths, R. F. A. Grimmett, D. Groom, Gu Changming, Guan Guanxun, Gui Xiaojie, J. Gunarwardene, J. Gustad, H. Hafner, C. Hall, G. Hall, Han Lianxian, S. Hanawa, S. Hanwisai, J. Hancock, S. Harrap, J. Harris, Harum, W. Harvey, R. Harwood, H. Hasegawa, K. Hatano, B. C. H. Hau, O. Hayashi, He Fenqi, L. R. Heaney, F. Hearn, P. J. Heath, S. Hedges, M. Heegaard, C. J. Heij, T. Heinicke, B. van Helvoort, H. Hendriks, A. Hennache, S. Henson, D. R. Herter, V. Hesse, N. R. Hewston, D. Hicks, N. Hicks, T. Hidaka, N. Higgins, H. Higuchi, G. Hinchon, P. J. Hines, T. Hiraoka,

E. Hirschfeld, I. Hodgson, T. W. Hoffmann, A. J. Holcombe, D. Holden, J. Holden, E. P. Holland, J. Holmes, P. Holmes, P. Holt, S. Holt, Hong Chamnan, D. J. Hope, J. Hornbuckle, J. Hornskov, T. Hosoda, Mr Hosotani, Mr Hosoya, J. Hough, S. Howe, J. R. Howes, J. del Hoyo, Hsueh Tien-teh, Hu Hongxing, Huang Yankuo, B. Hughes, D. Hulea, G. Hunchon, I. Hunowu, M. J. Hunter, Huong Norton-Payson, P. Hurrell, S. A. Hussain, N. Ichida, O. Ilyas, M. Indrawan, N. R. Ingle, K. Inoue, S. Inoue, C. Inskipp, T. P. Inskipp, C. Inthavong, P. Iqbal, I. Isherwood, A. Ishida, F. Ishtiaq, Z. Islam, Y. Ito, A. Iyama, O. F. Jacobsen, A. Jantimatorn, D. Jardine, S. Javed, D. F. Jeggo, A. Jensen, H. Jensen, S. Jensen, P. Jepson, A. Jeyarajasingam, Ji Weitao, K. Jiajanpong, E. Jirle, B. Johansson, D. L. Johnson, J. P. G. Jones, D. Judell, M. Käll, T. Kameya, B. Kanchanasaka, T. Kanesada, R. Kanjanavanich, R. Kannan, F. Karim, A. Kasem, N. Kataoka, G. Kato, Y. Katoh, A. Katsuji, R. Kaul, N. Kawaji, N. Kawamura, M. Kawasaki, K. Kazmierczak, R. S. Kennedy, P. Kennerley, M. Kennewell, Keo Omaliss, P. S. Kerr-Smile, C. Ketzenberg, A. A. Khan, M. A. R. Khan, S. Khounthikoumane, Khun Payong, M. Kilburn, Kim Hwajung, Kim In-cheol, Kim Soo-il, Kim Wan-byung, T. Kimura, B. F. King, M. F. Kinnaird, Yu. I. Kirichenko, G. M. Kirwan, Mr Kishimoto, K. M. Kisokau, E. Klop, H. Kobayashi, S. Kobayashi, R. Koepfel, H. Kogayu, N. Kojima, H. Kojo, Y. Kominami, K. Komolpaliin, P. Komolpaliin, M. Köpman, J. C. Kovacs, A. F. Kovshar, M. Koyame, N. Krabbe, M. A. Krechmar, M. Krishna, A. Kristianto, L. Kuah, G. R. Kula, K. Kuletz, D. Kumar, R. Kumar, Kutilang-IBC, J. Kyänpää, K. Kyono, D. Labang, Lalram Thanga, C. Y. Lam, M. J. Lammertink, L. Lastimoso, M. W. N. Lau, F. Launay, P. J. Leader, T. Leary, Le Sau, Lee Hansoo, Lee Jeong Sik, Lee Kyungkyu, R. J. Lee, Lee Wanho, Lei Gang, M. J. Leivo, M. Leonen, D. Lesmana, M. R. Leven, R. Lévêque, A. Lewis, I. Lewis, R. Lewthwaite, Li Fengshan, Li Guihuan, Li Qingwei, Li Wenfa, Li Xiangtao, Li Yuxiang, Li Zhu-mei, Liang Wei, Liang Yu, D. Liley, Lim Kim Chye, Lim Kim Keang, C. Linfoot, M. D. Linsley, Liu Bowen, Liu Liang-li, Liu Songtao, Liu Xiao-hua, Liu Xiping, A. Liukiratiyutkul, A. J. Long, B. Long, Long Tinglun, C. Lott, E. Lott, L. Louis, J. C. Lowen, Lu Changhu, Lu Jianjian, Lü Juanzhang, Lu Xin, Ma Jianzhang, Ma Ming, Ma Shuzhao, Ma Yiqing, B. Macaulay, L. R. Macaulay, G. M. Mace, A. Mack, J. R. MacKinnon, S. Madge, J. Madsen, P. M. Magsalay, B. Mahato, C. Makabenta, E. E. Malkov, A. S. Manamtam, R. Manandhar, Y. Manderos, G. H. Manley, C. F. Mann, K. Manu, A. Mapalo, S. J. Marsden, L. Marsh, J. T. Marshall, J. Martens, C. Martínez, I. Martínez, R. P. Martins, D. Martyr, H. Masatomi, I. Mason, V. Mason, H. Matsuki, F. Matsumoto, K. Matsushige, H. Matthews, I. Mauro, B. McCarthy, the late H. E. McClure, P. J. K. McGowan, the late J. McKean, B. McPhelim, E. R. Meek, Y. Meekaeo, G. F. Mees, D. S. Melville, M. Mendoza, I. Merrill, Mi Ciselet, A. Mikityuk, D. Milton, N. Minaai, J. Minton, H. Miranda, C. Mirande, A. Mishchenko, A. Mishra, Mr Miura, H. Mix, Y. Miyabayashi, K. Miyagi, C. W. Moeliker, K. Momose, K. Mookherjee, N. Moores, Mr Morimoto, T. Morioka, V. V. Morozov, G. E. Morris, P. A. J. Morris, Y. Motoyoshi, J. T. Moyer, T. Moyer, R. G. Moyle, S. K. Mukherjee, T. Mundkur, D. Munteanu, E. T. Myers, S. Myers, N. Nadee, T. Nagano, Y. Nagano, T. Nagase, V. Nagulu, S. Nagy, Y. Nakagami, S. Nakamura, F. Nakao, the late S. Nakhasathien, N. A. Nakhodkin, C. Nantanavanij, A. Napier, M. L. Narang, M. Narcy, M. Narusue, S. M. Nasir, R. Nawaz, Yu. N. Nazarov, T. Nazim, K. S. Neelakantan, H. S. Nepali, Nguyen Hoang, Nguyen Huy Thang, Nguyen Tran Vy, V. Nijman, A. Noorlander, S. Norapuckrutikorn, J. Nordin, R. Noske, E. Nowak, C. M. C. Nozawa, M. Numano, Nursahid, T. G. O'Brien, D. Ogle, Oh Hung-sik, I. J. Øien, N. Oka, Mr Okazaki, E. O'Keefe, V. V. Okoneshnikova, N. Okuda, W. L. R. Oliver, U. Olsson, P. Ong, Oo Chin-hock, Mr Ootsuki, K. Osada, J. O'Sullivan, G. L. Ouweneel, K. Ozaki, R. Pa-alan, Pae Seong-hwan, S. Page, T. Pagel, D. Pain, A. Palatino, J. Palfrey, T. Palliser, B. M. Parasharya, M. Parilov, Park Hee-cheon, K. C. Parkes, J. W. K. Parr, S. J. Parry, M. Passarella, A. J. Payne, D. Pearse, A. Pedersen, M. Pedregosa, N. Pelewatta, S. Pendry, P. K. D. Perng, Y. Persulesy, H. Peters,

Acknowledgements

L. Petersson, P. Phaewpolsong, H. Phillipps, R. Phimatai, K. H. Phon, N. Phumpakapun, A. Pierce, J. Pilgrim, K. Pokharel, G. Polet, E. Pollard, W. Pollisco, N. Pomankul, C. M. Poole, V. V. Popov, E. R. Potapov, R. L. Potapov, V. I. Potorochi, N. D. Poyarkov, A. Prasad, S. N. Prasad, J. Prashanth, N. Preston, O. Prévost, A. E. Pshennikov, D. Purmiasa, E. Putra, M. W. A. Putra, A. Qayum, Qian Fawen, Qiao Zhenzhong, V. Ragunatha, D. Raheem, I. Raheem, A. R. Rahmani, V. I. Rajan, A. Rajaram, K. Ramesh, M. Rank, V. Rao, S. M. A. Rashid, K. Ratanajun, N. J. Redman, J. Regan, M. Renganathan, D. Richardson, A. van Riessen, J. Riley, D. Rimlinger, R. W. Risebrough, G. Robbins, D. Roberson, J. Roberts, T. J. Roberts, A. Robertson, I. S. Robertson, W. G. Robichaud, J. Robinson-Dean, M. Rodgers, W. Rodenburg, D. Rogers, M. Rooney, N. Rov, F. G. Rozendaal, N. Ruttanadukul, V. V. Ryabtsev, L. Sadueste, P. Saengkaew, R. J. Safford, A. Sah, S. S. Saha, Sai Daojian, Y. Sakai, R. Saldino, C. Salt, D. Salvador, the late Sam Veasna, K. Samoto, H. S. Sangha, W. Sangualsombat, G. S. Sanjay, V. M. Sapaev, S. M. Satheesan, K. Sato, Y. Sawada, J. Scharringa, W. Scherzinger, P. Schiermacker-Hansen, G. Schliebusch, I. Schliebusch, D. A. Scott, M. J. Seal Coon, A. C. Sebastian, R. E. Seibels, R. Seitre, M. Sekigawa, Seng Kim Hout, H. Serai, A. P. Setiadi, S. C. Sharma, B. V. Shchekin, F. H. Sheldon, Shen Youhui, C. R. Shepherd, K. Shepherd, P. Shepherd, Sherub, E. P. Shevchenko, Shi Haitao, Y. Shigeta, C. R. Shim, N. Shimizu, Mr Shimoda, K. Shirao, D. Showler, T. Sibuea, R. E. Simmons, W. Simpson, A. Sitompul, K. Sivakumar, R. Skeen, R. Slack, F. Smiet, S. Smirenskii, J. Smith, the late P. Snetsinger, T. R. Soehartono, A. B. Sokolov, Song Fazong, Song Xiangjin, V. D. Sonin, Y. de Soye, R. Sözer, G. J. Speight, M. Spicer, J. E. Squire, S. Sreedharan, S. Sridhar, D. Steele, F. B. Steinheimer, B. Stewart-Cox, A. Stoddart, A. J. Stones, N. Stronach, R. Stuebing, R. Subba, Sudaryanto, K. Sugimura, Sujatnika, K. Sukhumalind, Sun Shide, Sun Xiangwu, G. Sundar, S. Suryadi, Yu. Sushicky, M. Sutherland, S. Suthibut, R. N. Suwal, I. S. Suwelo, C. Swennen, B. Sykes, B. R. Sykes, M. J. Sykes, E. Syroechkovski, Jr., L. Tag-at, K. Tagi, M. Takeishi, Mr Tamada, Mr Tanaka, P. B. Taylor, A. Taufik, P. B. Taylor, Teng Tzu-ching, C. Tenzin (WWF Bhutan), J. Thalund, R. M. Thewlis, J. M. Thiollay, D. Thomas, D. H. L. Thomas, R. D. Thomas, C. Thompson, H. Thompson, J. B. Thomsen, S. Thongaree, T. Tilford, R. J. Timmins, C. Titus, T. Tobish, H. Tojo, Mr Tokiguni, P. S. Tomkovich, J. Tongson, A. W. Tordoff, C. Torno, F. R. Traynor, N. Tsubomoto, Y. Tsukamoto, M. Tsuneda, M. Tsurumi, J.-P. Turpin, J. M. Turton, S. J. Tyler, M. Tyson, U Aye Hlaing, U Myint Sein, U Than Maung, U Thein Aung, U Tun Yin, U Myint Shwe, U Thet Htun, U Uga, A. Udayan, K. Uekawa, T. Ugglä, P. Undeland, S. Unnithau, A. J. Urfi, E. Urquhart, I. G. Utekhina, S. Zh. Vaseev, N. Vedel, F. Verbelen, E. Vercruyse, W. J. M. Verheugt, E. M. Veselova, Y. Vilina, C. A. Viney, M. A. Virani, J. Visetchinda, Vo Quy, F. Vollmar, P. Voravan, Y. Wagi, P. Waithyakul, G. Walbridge, J. Walker, J. M. Wall, J. G. Walmsley, M. R. H. Walpole, P. Walpole, Wang Hui, Wang Shih-chin, Wang Tianhou, Wang Wei, Wang Weimin, Wang Yingxiang, Wang Yongjun, M. Wangdi, Wanho Lee, D. Warakagoda, J. C. Wardill, R. J. Wardle, S. Watanabe, Y. Watanabe, D. Watkins, G. Watola, R. Watson, A. Wattanayut, B. Watts, WBSJ Ehime Chapter, WBSJ Gifu Chapter, WBSJ Hirosaki Chapter, WBSJ Hiroshima Chapter, WBSJ Kitakyushu Chapter, WBSJ Minamifuji Chapter, WBSJ Miyako Chapter, WBSJ Okutama Chapter, WBSJ Shimane Chapter, WBSJ Tokushima Chapter, WBSJ Totomi Chapter, WBSJ Tottori Chapter, WBSJ Toyama Chapter, WBSJ Wakayama Chapter, WBSJ Yamaguchi Chapter, WBSJ Yamanashi Chapter, M. Wedana, Wei Tian-hao, Wei Zhengdao, D. R. Wells, Wen Xianji, D. Westcott, N. Wheatley, D. Wheeler, B. M. Whitney, A. J. Whitten, M. Widmer, P. van der Wielen, Wihaeng Heo, W. A. D. A. Wijesooriya, M. D. Williams, R. S. R. Williams, J. Willis, P. J. Willoughby, K. Wilson, J. Wind, B. Wirayudha, R. Wirth, G. Wisdom, J. A. Wolstencroft, P. O. Won, F. K. O. Wong, P. Wood, K. B. Woods, T. Woodward, B. Wright, D. Wright, Wuliji, the late Xie Zaifu, Xing Lianlian, Xu Chuazhen, Xu Longhui, Xu Xueliang, Xu Yangong, Y. Yajima, S. Yamada, M. Yamaguchi, H. Yamamoto,

Threatened birds of Asia

M. Yamamoto, Y. Yamamoto, A. Yamazaki, Yang Xiaojun, Yao Chengte, Y. Yashima, S. H. Yatim, D. Yong, Y. Yoshida, K. Yoshiyasu, YPAL, Yu Changshan, Yu Guohai, Yu Kuai, V. I. Zabelin, N. P. van Zalinge, D. Zetterström, Zhang Qingmao, Zhang Song, Zhao Jun, the late Zhao Zhengjie, Zhou Fang, Zhou Haizhong, Zhou Shi'e, Zhuge Yang and C. Zockler.

Over a thousand people are listed in the preceding paragraph, which is a measure of the spirit of cooperation and goodwill which has been the hallmark of this project. If any name of a contributor has been omitted by accident from this list, the editors offer their unreserved apology. It is certainly the case that many acts of kindness and support have been shown to the project over the years, and to all those who have helped it along but who are not named here BirdLife International expresses its deep thanks.

Literature references were derived from a variety of sources, most notably T. P. Inskipp, to whom BirdLife International is particularly grateful for free access to his private library, and to the libraries in the care of I. Dawson and L. Giddings (Royal Society for the Protection of Birds), M. L. Birch (Edward Grey Institute, Oxford), F. E. Warr (Natural History Museum, Tring, UK), and M. Tsurimi (Yamashina Institute for Ornithology) all of whom – as with so many other BirdLife projects over so many years – have been extraordinarily kind in the way they have supported the project. In Oxford, valuable assistance was also given by N. Behmer and A. Sidlow (Zoology Library), and by N. Vereshchagina and C. M. Perrins.

Museum specimens have been of huge significance in this study. Hearty thanks are therefore offered to the following museum staff for allowing access to the material in their care, sending information and in some cases both (institution initials are listed in the Introduction): AMNH – G. Barrowclough, J. Cracraft, M. LeCroy, P. R. Sweet; ANSP – D. Agro, R. S. Ridgely; ASCN – Xu Yangong; BMNH – R. P. Prys-Jones, M. P. Walters, D. S. Smith, M. P. Adam; CM – R. Panza, K. C. Parkes; DMNH – G. K. Hess; FMNH – D. E. Willard; IRSNB – W. Rogermann; KIZCN – Yang Lan, Wen Xianji and Yang Xiaojun; LACM – K. L. Garrett; LAUCN – Liu Naifa; LSUMZ – J. V. Remsen; MCML – C. T. Fisher; MZB – D. M. Prawiradilaga; MCZ – R. A. Paynter, E. Mayr; MNHN – C. Voisin; NCSM – J. Gerwin, D. S. Lee; NEFUCN – Chang Jiachuan; NHMW – E. Bauernfeind; NMS – R. McGowan; NRM – P. Ericson; PNM – P. C. Gonzales; RMNH – R. W. R. J. Dekker; SCICN – Gao Yuren; SMF – G. Mayr; SNHMCN – Cui Zhixing; SNMB – G. Boenigk; SNMS – C. König; STCCN – Yu Zhiwei; UMB – P. Becker; UMMZ – J. Hinshaw, R. B. Payne; UMZC – R. S. Symonds; USNM – J. P. Angle, J. Dean, G. R. Graves, C. Ludwig; WUCN – Lu Xin; YIO – T. Hiraoka; ZMA – T. Prins, K. Roselaar, J. Wattle; ZMB – S. Frahnert, J. Fiebig; ZMH – H. Hoerschelmann, C. Braun; ZRCNUS – Yang Chang Man; ZSM – J. Reichhof. Special thanks go to R. S. Kennedy and his staff – J. S. Brown and B. Merritt – for access to the CMNH collection and computer records in advance of the full cataloguing of their recent material: for this courtesy BirdLife International is very deeply indebted. In addition, warm thanks go to A. Bräunlich for sending data from specimens in ZMB and to F. B. Steinheimer for doing the same with NHMW, plus M. Heegaard for data from ZMC specimens which he originally provided in 1989 for the BirdLife Biodiversity Project.

Information credited to E. Curio, E. Klop and Y. de Soye represents contributions from the Philippine Endemic Species Conservation and Research Project of the Frankfurt Zoological Society, conducted by the Animal Behaviour Research Group of Ruhr-Universität Bochum.

Over the past five years Wetlands International and the Wildlife Conservation Society have, through their various programmes, shared much information, formally and informally, with BirdLife staff engaged in this project, and deserve the warmest expression of gratitude. Thanks also go to the Oriental Bird Club for its enthusiastic support for the project as expressed by its permission for all its members to be approached with a questionnaire as a means of generating unpublished records.

Acknowledgements

The illustrations for this publication have been gathered from a range of sources, the majority already published in other ornithological works, but with some commissioned especially for this book and others kindly donated to BirdLife International for use in this publication. Those taken from other publications have been reproduced here by permission of the copyright holder, nearly always the artist and/or the original publisher of the illustration. Thanks to the following artists are thus due: R. Allen, J. Anderton, R. Aquino, N. Arlott, K. Baker, M. Bitting, N. Borrow, H. Burn, C. Byers, J. Cox, C. D'Silva, J. Gandert, D. Gardner, A. Geise, A. Harris, R. Hathway, M. Hulme, Å. Jutglar, F. Jutglar, K. Komolphalin, I. Lewington, T. Llobet, A. Lombarte, D. Nurney, A. Pearson, K. Phillipps, D. Quinn, C. Robson, C. Rose, J. Ruthven, L. Sanz, J. Schmitt, C. Shields, D. Showler, B. van Perlo, E. Vilaró, F. Weick, L. Wells, J. Wilczur, I. Willis, M. Woodcock, T. Worfolk, M. Yabuuchi. The following artists are also warmly thanked for especially producing or donating artwork for this publication: R. Allen for the jacket cover illustrations; Ho Hwa-jen for the Black-faced Spoonbill woodcut print in the introduction; K. Rattanajun for the introduction line drawings; J. Schmitt for the frontispiece illustration in part one; and T. Worfolk for the frontispiece illustration in part two. All permissions are much appreciated, and thanks go to J. del Hoyo at Lynx Edicions, N. J. Redman at A & C Black/Pica Press, E. Mann and C. Kennedy at Oxford University Press, B. Coates at Dove Publications and C. A. R. Helm, plus R. Beason, editor of *Wilson Bulletin*, and T. P. Inskipp, editor of *Forktail*.

Finally, the staff of the NatureBureau, in particular Peter Creed, Barbara Creed, Anthony Vetta and Tiffany Passmore, undertook the huge challenge of laying out the text, producing the maps and incorporating high volumes of late text corrections with the skill and speed of magicians. The sheer professionalism, competence and accuracy of their work was a great psychological boost to the BirdLife team, who knew that everything they produced was passing into the safest and swiftest of hands.

N. J. Collar (Editor-in-Chief), A. V. Andreev, S. Chan, M. J. Crosby, S. Subramanya and J. A. Tobias.