



Springer

1st  
edition1st ed. 2018, IX, 263 p. 113  
illus., 62 illus. in color.**Printed book**

Hardcover

**Printed book**

Hardcover

ISBN 978-981-10-7202-4

\$ 169,00

Available

**Discount group**

Professional Books (2)

**Product category**

Contributed volume

**Series**

Ecological Research Monographs

**Other renditions**

Softcover

ISBN 978-981-13-3921-9

## Life Sciences : Biodiversity

Nakamura, Futoshi (Ed.), Hokkaido University, Sapporo

# Biodiversity Conservation Using Umbrella Species

Blakiston's Fish Owl and the Red-crowned Crane

- The first English-language book introducing readers to the distribution and ecology of Blakiston's fish owl and the red-crowned crane in their natural habitats
- Presents the status quo and prospects for the populations of the two species based on genetic diversity
- Examines how conservation of the two species promises conservation of other bird species
- Presents future perspectives for restoring habitats and increasing the distributions of the two species in Hokkaido
- Includes the results of multiple collaborative projects between Japanese and Russian scientists

This book focuses on Blakiston's fish owl and the red-crowned crane as umbrella species. Healthy river, riparian and wetland ecosystems are necessary to maintain the populations of the two species. Both species have been revered by people since ancient times, but both are currently listed as endangered because of their small population sizes. The population decline of the two species can be mainly attributed to the degradation of the natural riparian and wetland habitats, which is associated with land use development. The populations of the two species are now recovering in Japan due to recent conservation and reproduction efforts, but the genetic diversity of the two species are still low due to previous bottleneck effects. To develop conservation and dispersal plans to establish the species over the East Asian mainland and on the island of Hokkaido, basic information, such as their regional distribution, genetic diversity, food availability, reproductive traits, and nesting, breeding, rearing, and commuting habitat, is essential. The intensive, collaborative studies conducted in Japan and Russia has clarified the status quo and the ecology of the two species.

Order online at [springer.com/booksellers](https://springer.com/booksellers)

Springer Nature Customer Service Center LLC

233 Spring Street

New York, NY 10013

USA

T: +1-800-SPRINGER NATURE

(777-4643) or 212-460-1500

customerservice@springernature.com



ISBN 978-981-10-7202-4 / BIC: RNCB / SPRINGER NATURE: SCL19031

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.

Part of **SPRINGER NATURE**