1. Record Nr. UNINA9910157641603321

Autore	arski Daniel
Titolo	Controlled Reproduction of Wild Eurasian Perch : A hatchery manual / / by Daniel arski, Ákos Horváth, Gergely Bernáth, Sawomir Krejszeff, János Radóczi, Katarzyna Paliska-arska, Zoltán Bokor, Krzysztof Kupren, Béla Urbányi
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-49376-0
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (IX, 102 p. 35 illus., 34 illus. in color.)
Collana	SpringerBriefs in Environmental Science, , 2191-5547
Disciplina	597.73
Soggetti	Aquatic ecology Wildlife Fish Animal ecology Embryology Animal physiology Freshwater & Marine Ecology Fish & Wildlife Biology & Management Animal Ecology Animal Physiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	1. Introduction -- 2. Harvest, transport of spawners, prophylaxis -- 3. Hatchery manipulation and broodstock selection -- 4. Determination of maturity stages of oocytes 5. Stimulation of ovulation and spermiation -- 6. Collection of gametes -- 7. Short- and long-term storage of gametes -- 8. Evaluation of gamete quality -- 9. In vitro fertilization 10. Incubation and hatching -- 11. Advanced spawning (out-of the season spawning) -- Appendix 1 -- Appendix 2.
Sommario/riassunto	The work summarizes the current knowledge regarding the controlled reproduction of an emerging aquaculture species, the Eurasian perch (Perca fluviatilis). In great detail it describes and explains the principal

of most of the controlled reproductive protocol leading to obtain high quality larvae. The book is primarily intended to be used as a hatchery manual by practicing aquaculturists and laboratory technicians working with this species. On the other hand, it also summarizes the scientific background of the methods applied, therefore, it can serve as a reference for the state-of-the-art in the controlled reproduction of Eurasian perch and other freshwater percid species. .