Nature: Remarkable Rabbits

Premieres Wednesday, April 8 at 8 p.m. on PBS (check local listings), pbs.org/nature and the PBS Video app

Synopsis:
There are more than 100 types of rabbits and hares, both domestic and wild, from swamp rabbits to Flemish giants to snowshoe hares. Yet these prolific creatures are often overlooked and rarely get the respect they deserve – due, in part, to their adorable appearance and storybook depictions. Learn how hares are more than just a rabbit of longer ears and legs, how rabbits have managed to survive in ever-changing landscapes – from downtown Chicago to Canada’s frozen boreal forest – and how they turn the tables on their predators. Meet rabbit enthusiasts who convene to determine the “Best in Show,” and join scientists in the field as they work tirelessly to save rabbit species from the brink of extinction and reveal ground-breaking discoveries. Explore how surprising and remarkable rabbits and hares can be as they face incredible challenges in the wild, from habitat loss to climate change.

Running Time: 60 minutes

Featured Rabbits and Hares:
- Eastern cottontail
- Antelope jackrabbit
- New England cottontail
- Swamp rabbit
- Continental Giant
- Snowshoe hare
Buzzworthy Moments:

- Once a year, rabbits from all over North America and as far as Japan come together to compete in the American Rabbit Breeders Association (ARBA) rabbit show. More than 3,000 people and 17,000 rabbits come to the show to compete. Forty-nine breeds, including the French lop, Tan rabbit and English Angora, compete for the coveted prize of “Best in Show.”

- A male Eastern cottontail runs fast toward a female cottontail in an attempt to communicate his desire to mate. She jumps straight up in the air as he runs beneath her. To further entice her, the male gives her a spritz of urine as he passes. If she is interested, her jump steps become faster and her leaps get higher. The longer the dance goes on, the closer the female is to mating. This ritual is called cavorting.

- The disappearance of dense shrublands in the Northeast has had a drastic effect on the New England cottontail. To remedy this, biologists at the Roger Williams Park Zoo and the Queens Zoo have raised around 150 New England cottontails over the course of six years through a process called captive breeding. When the cottontails reach a certain age, they are then released back into the wild, where they must learn how to find food and evade predators within the first few hours of life in their new home.

- A hawk spots an Antelope jackrabbit and begins chasing it throughout the desert. The hare is built for speed, but Harris hawks hunt in packs. As the hare escapes one hawk, two more hawks keep pursuing the hare as it tries to escape. Sensing the trap, the hare dives under cover, hoping to wait out its predators. The hawk rushes the hare, forcing it back out into the open, where the other hawks are waiting to attack.

Noteworthy Facts:

- The Antelope jackrabbit is the largest hare in North America, weighing more than nine pounds and standing almost two feet high.

- Rabbits are born in nests, hairless and helpless, with their eyes and ears closed. Hares, meanwhile, are born on the ground with a full coat of fur and their eyes wide open. Hares are ready to run an hour after being born, while rabbits still depend on their mothers for the first two weeks.

- When outnumbered by predators in their environment, a Snowshoe hare reacts to this chronic stress by reducing its fertility. Hares usually give birth to around 20 babies per year but can limit their reproduction to 7-8 babies per year when threatened—just enough to sustain their population’s long-term survival and starve out their predators.

- Swamp rabbits are the largest rabbits in the cottontail family. Their large size gives them increased buoyancy and musculature to be great swimmers. They are so comfortable in the water that they easily move about flood plains and swamps to evade predators and find food and mates. These shy, little-known creatures have been filmed for the first time in Nature: Remarkable Rabbits.
Long TV Listing:
There are more than 100 types of rabbits and hares, both domestic and wild, from snowshoe hares to Flemish giants. Despite their extraordinary ability to reproduce, many wild rabbits are in danger of being eradicated.

Short TV Listing:
Meet the many species of rabbits and hares, and the scientists working to save them from extinction.

Series Overview:
Nature is a voice for the natural world, bringing the wonders of wildlife and stories of conservation to millions of American viewers. The series has won more than 700 honors from the television industry, the international wildlife film communities and environmental organizations, including 18 Emmys and three Peabody Awards. Nature is a production of THIRTEEN PRODUCTIONS LLC for WNET. For Nature, Fred Kaufman is Executive Producer. Bill Murphy is Series Producer and Janet Hess is Series Editor.

Production Credits:
Nature: Remarkable Rabbits is a production of Remarkable Rabbits Inc in association with THIRTEEN PRODUCTIONS LLC, the Canadian Broadcasting Corporation and Terra Mater Factual Studios for WNET. The documentary is produced, directed and written by Susan Fleming. Nora Young is narrator.

Underwriters:
Produced in association with The Canadian Broadcasting Corporation, produced with the participation of The Canada Media Fund, Rogers Telefund, Rogers Documentary Fund and with the participation of Canada Film or Video Production Tax Credit and The Ontario Media Development Corporation Film and Television Tax Credits. Additional financial support for this episode is provided by The Arnhold Family in memory of Henry and Clarisse Arnhold, Sue and Edgar Wachenheim III, The Fairweather Foundation, the Kate W. Cassidy Foundation, Kathy Chiao and Ken Hao, the Lillian Goldman Charitable Trust, the Filomen M. D’Agostino Foundation, Rosalind P. Walter, Sandra Atlas Bass, Doris R. and Robert J. Thomas, Gary and Christy Roeber, The M. & H. Sommer Foundation, the Corporation for Public Broadcasting, and public television viewers.

Websites:
pbs.org/nature; facebook.com/PBSNature; twitter.com/PBSNature; instagram.com/pbsnature; youtube.com/naturepbs  #NaturePBS

About WNET
WNET is America’s flagship PBS station: parent company of New York’s THIRTEEN and WLIW21 and operator of NJTV, the statewide public media network in New Jersey. Through its new ALL ARTS multi-platform initiative, its broadcast channels, three cable services (THIRTEEN PBSKids, Create and World) and online streaming sites, WNET brings quality arts, education and public affairs programming to more than five million viewers each month. WNET produces and presents a wide range of acclaimed PBS series, including Nature, Great Performances, American Masters, PBS NewsHour Weekend, and the nightly interview program Amanpour and Company. In addition, WNET produces numerous documentaries, children’s programs, and local news and cultural offerings, as well as multi-platform initiatives addressing poverty and climate. Through THIRTEEN Passport and WLIW Passport, station members can stream new and archival THIRTEEN, WLIW and PBS programming anytime, anywhere.