

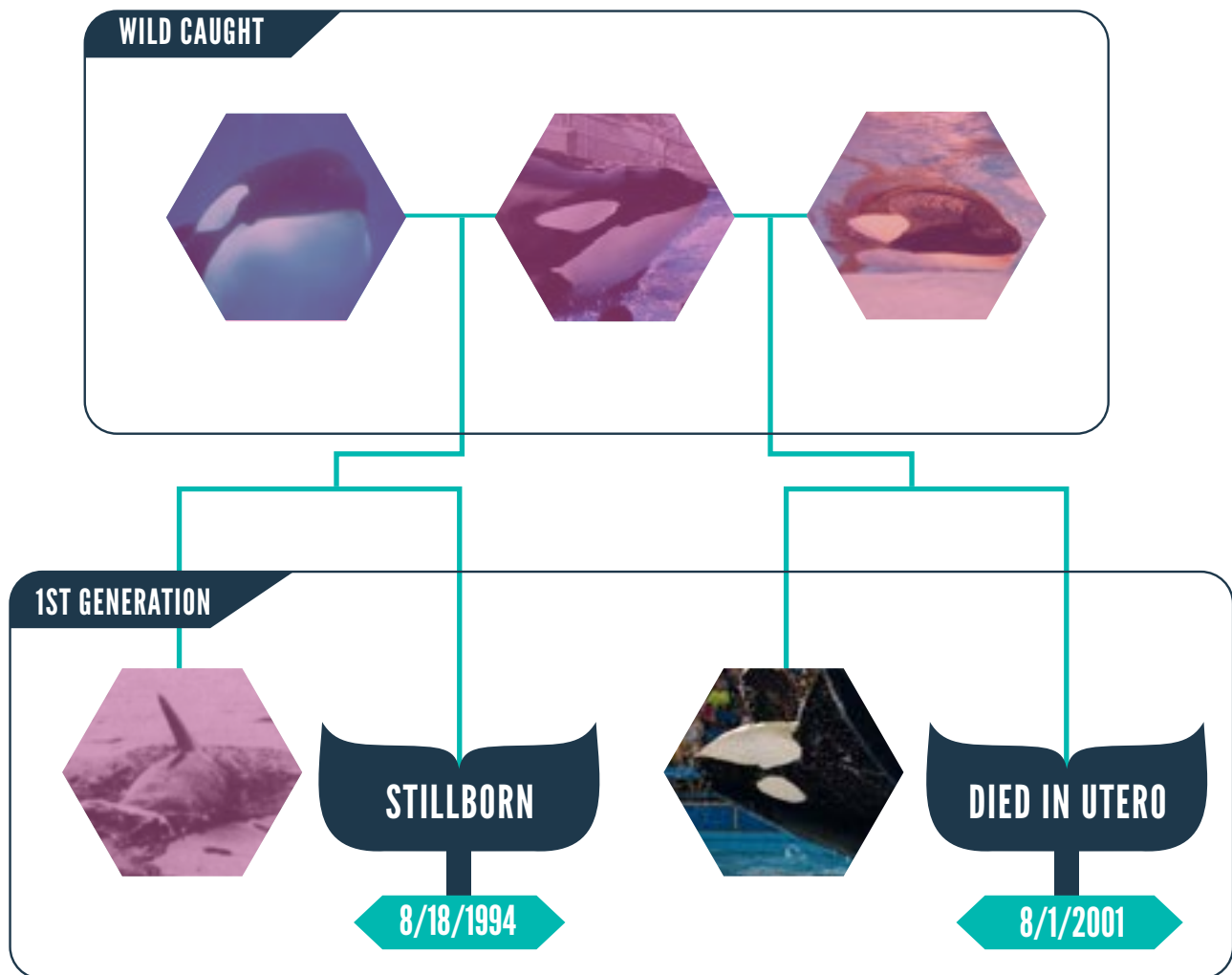
CAPTIVE ORCA FAMILY TREE

SEAWORLD PARKS & ENTERTAINMENT, U.S.A

TILIKUM TREE: DAMS HAIDA II & NOOTKA IV

HEALTHY LINEAGE ———
 INBREEDING ———

UNCONFIRMED PATERNITY - - -
 SUSPECTED INBREEDING - - -



CAPTIVE ORCA FAMILY TREE

SEAWORLD PARKS & ENTERTAINMENT, U.S.A

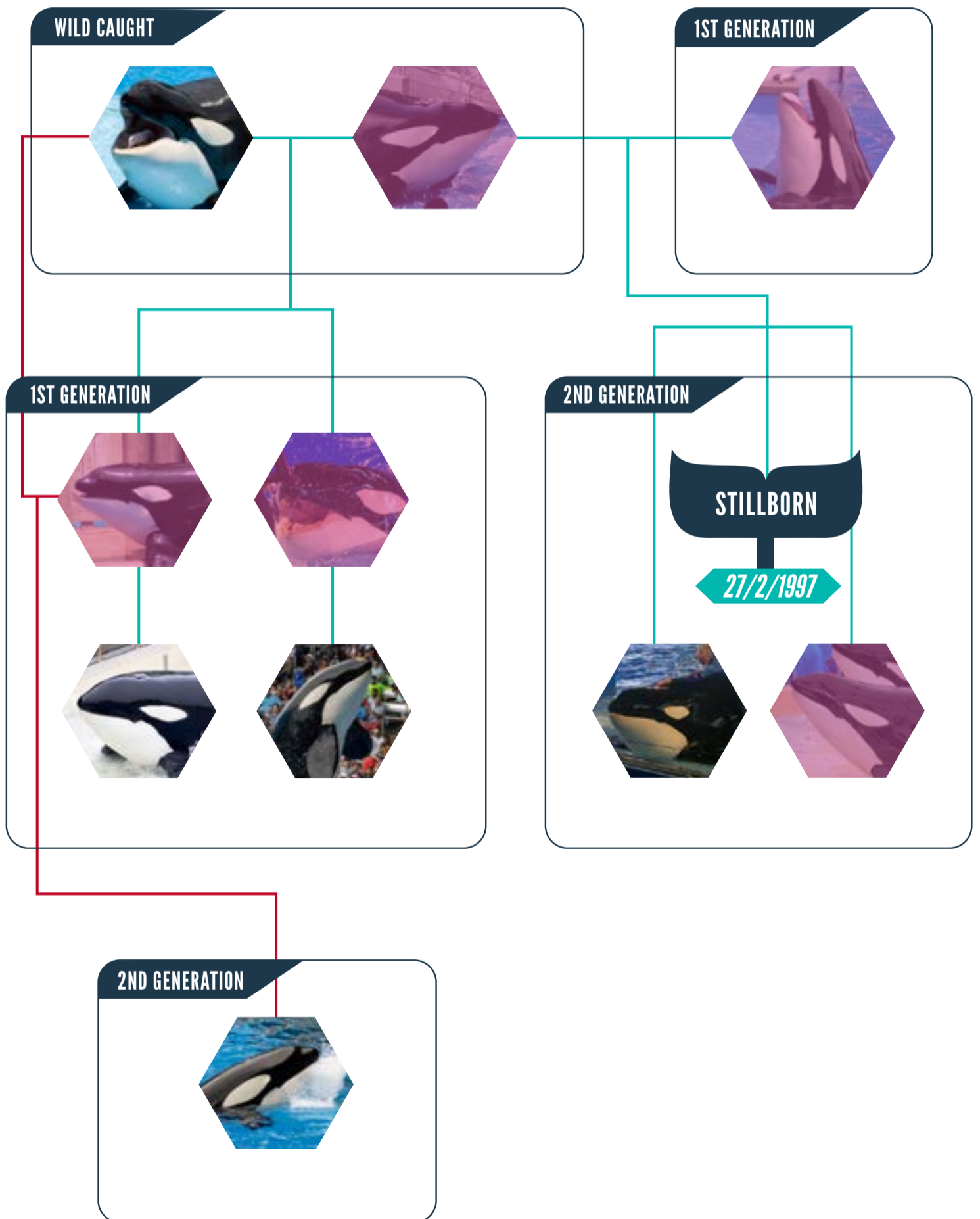
TILIKUM TREE: DAMS KATINA & KALINA

HEALTHY LINEAGE ———

UNCONFIRMED PATERNITY - - -

INBREEDING ———

SUSPECTED INBREEDING - - -



PHOTOGRAPHY CREDIT

Zhong Wei Fan Jiang,

INFORMATION SOURCE

US Marine Mammal Inventory Reports,
National Marine Fisheries Service, Park Regulars

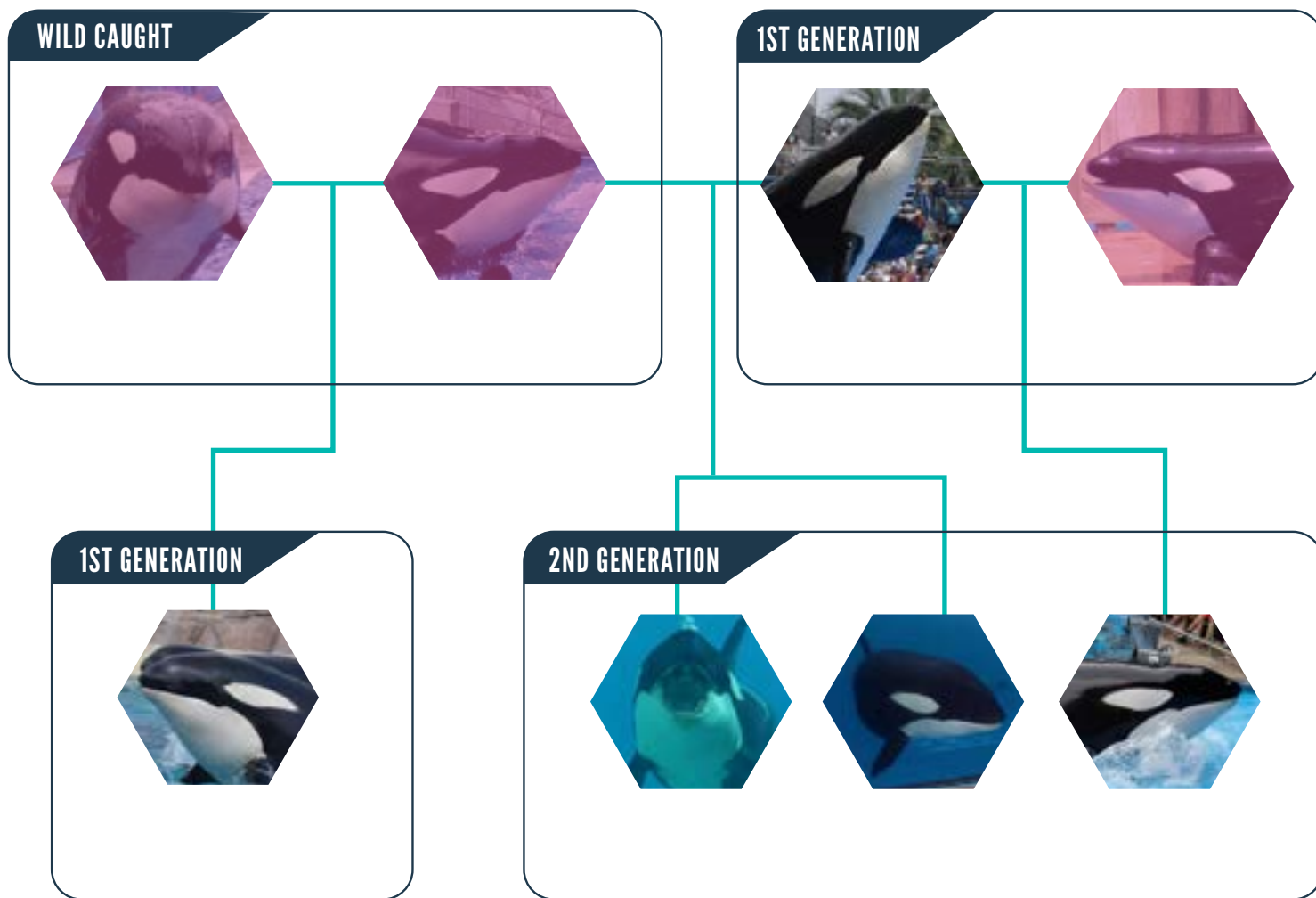
CAPTIVE ORCA FAMILY TREE

SEAWORLD PARKS & ENTERTAINMENT, U.S.A

TILIKUM TREE: DAMS KASATKA & TAKARA

HEALTHY LINEAGE ———
 INBREEDING ———

UNCONFIRMED PATERNITY - - -
 SUSPECTED INBREEDING - - -



PHOTOGRAPHY CREDIT:

Kaarina Makowski,
 Suzanne Michelle Allee,

INFORMATION CREDIT:

US Marine Mammal Inventory Reports,
 SeaWorld Entertainment



CAPTIVE ORCA FAMILY TREE

SEAWORLD PARKS & ENTERTAINMENT, U.S.A

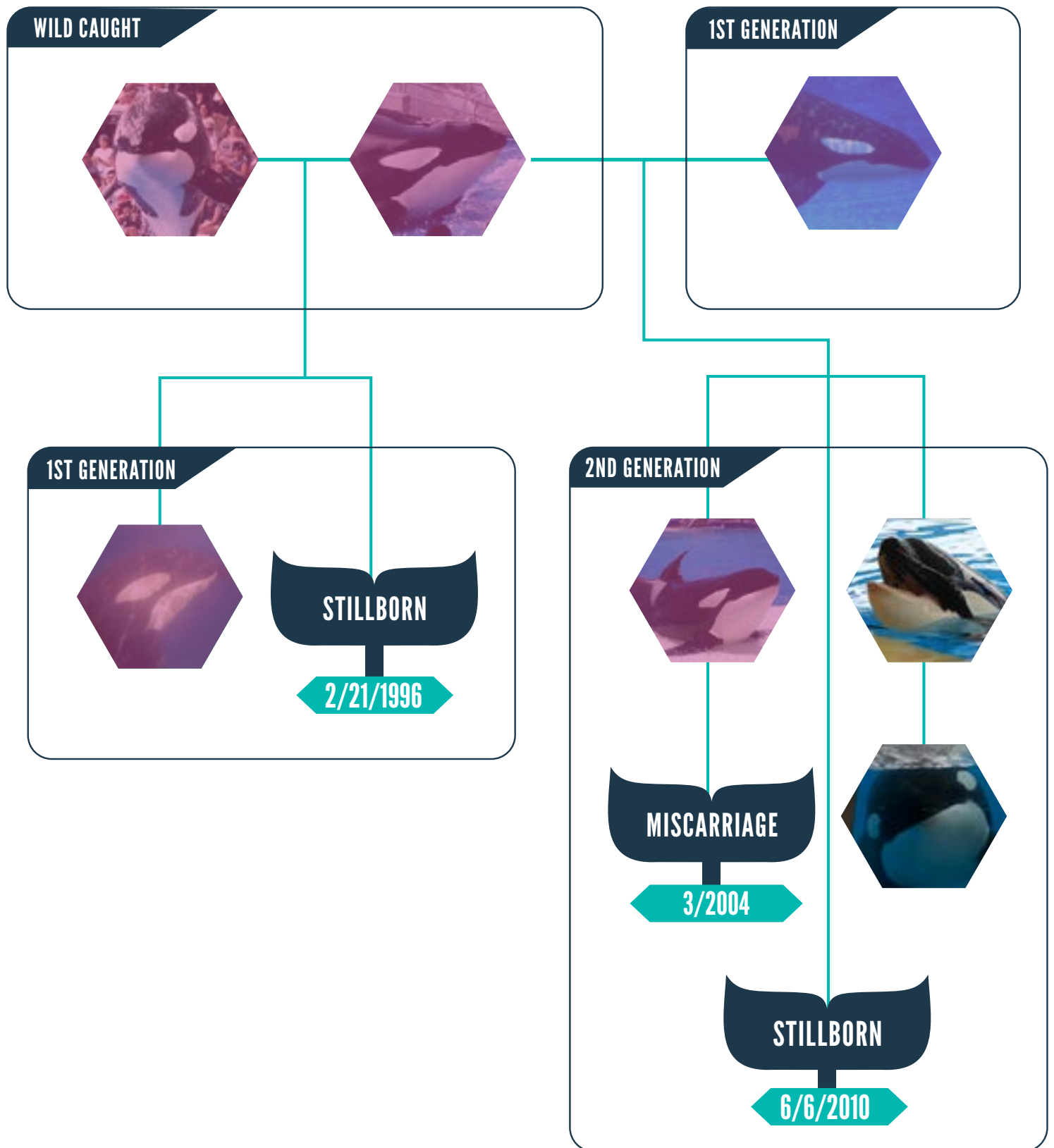
TILIKUM TREE: DAMS GUDRUN & TAIMA

HEALTHY LINEAGE ———

UNCONFIRMED PATERNITY - - -

INBREEDING ———

SUSPECTED INBREEDING - - -



PHOTOGRAPHY CREDIT

Shannon Cremeans,
Ingrid N. Visser,

INFORMATION SOURCE

US Marine Mammal Inventory Reports,
Park regulars, Jeff Ventre