

**DISNEY'S ANIMAL KINGDOM
AVIAN RESEARCH CENTER
HAND REARING PROTOCOL**
Current Through: December 31, 2010

Common name: Micronesian kingfisher *Todiramphus cinnamominus cinnamominus*

Adult body weight: males 53-65g, females 53-72g

Information in these protocols is meant to be a guideline and can and should be changed BASED ON THE CHICK'S BEHAVIOR. Please discuss all changes with clutch point person and ZM.

Day	Brooder/Temperature	Frequency	Diet	intake	misc
1	96° in AICU Humidity = 45-50% Keep in cup with tissue/paper towel Decrease temperature 1° every 2 days. Keep brooder covered to simulate nest cavity	Every 2 hours 7x per day	Small pieces of pinky dipped in pedialyte Calcium carbonate 2x per day (3 rd and 6 th feeding)	Ad lib (65-75% as guide)	Oral fluids given as needed between feedings (depending on chick's hydration)
2	96°				Expect fecals
3	95° Add enkamat				
4	95°		OK to cut pinkies into small pieces rather than chopped		
5	94°				

6	94° watch temperature and continue to lower if chick looks dehydrated		Add 2 week old crickets or adult cricket abdomens		Dorsal and lateral feather tracts visible
7	93°				
8	93°		Add molted or half mealworms. Change from pedialyte to distilled water		
9	92°		Add chopped anoles. Feed anoles, pinkies, insects at 1:1:1		
10	92° stabilize humidity			Ad lib (50% as guide)	
11	91°	Every 3 hours 5x per day	Ok to change to adult crickets without heads		Pin feathers on head, flanks, back and wings. Both eyes opening
13	90° Previous chicks have been comfortable at 86°-88°				May start to be finicky and refuse food items
15	89° may removed chick from cup, place in larger container		Change dicalcium phosphate 1x per day		band when 55-60g
16	89°		Change to whole crickets with heads		
19	87°	Every 4 hours 4x per day			Pin feathers not unfurled yet
20	87° bowl of water/paper towels for humidity can be removed				Pin feathers starting to unfurl on back

25	84	3x per day	Stop dicalcium phosphate	Ad lib	Begin weaning – food from bowl inside AICU Weigh in AM only
30	82				May fledge/be perching
34	Room temp	2x per day			Move to cage