## Mexican and Mallard Plumage Traits Scoring Key - First Year Females

Band #: D	ate: Locality:	Recorder:
Wing -Subdivision	Trait	Score
Primary covert pattern (edge color)	Buff edged = MEDU	0
, , , ,	Plain-solid = Hybrid-MALL	1
Lesser covert pattern (edge color)	Buff edged =MEDU	0
	Plain-solid =MALL	1
Greater secondary coverts pattern	Buffy or part white across coverts = MED	0
	Complete white across coverts = Hybrid	-MALL 1
Speculum color	Green = MEDU	0
	No green = Hybrid -MALL	1
<b>Head-Subdivision</b>	Trait	Score
Overall face and neck *	Slightly patterned = MEDU	0
	Continuously strong patterned = MALL	1
Upperpart- Subdivision	Trait	Score
Overall back feather pattern color*	Chevron patterned or Buff/brown edges	
·	Solid or light patterned= MALL	1
Scapular pattern*	Chevron patterned or Buff/brown edges	s = MEDU 0
	Solid or light patterned = MALL	1
Rump*	Brown w/ buffy chevrons & buffy edges	= MEDU 0
·	Black w/ rufous chevrons w/ rufous edg	
	Solid Black = MALL	2
Outer 2 tail feathers (color of outer	Buff edged = MEDU	0
edges) *	White edged = MALL	1
Undernarte Subdivision	Trait	Seeve
Underparts - Subdivision		Score
Breast & Belly feather pattern	Strong internal marking = MEDU  Slight internal marking w/whitish edges =	0
Overall breast & belly feather	Uniform = MEDU	
pattern	Breast & belly different color = MALL	0
Under-tail coverts	Strong. internal marking =MEDU	1 0
offder-tail coverts	Spotted patterned to subtle internal mark	_
	Spotted patterned to subtle internal main	Allig- MALL 1
PS score ≤ 4 = MEDU	Total Sum of I	Phenotypic Scores (PS):
PS score ≥ 5 = MALL/HYB	. 314. 34.11 01 1	
		Conclusion:

## Mexican and Mallard Plumage Traits Scoring Key - First Year Males

Band #: \_\_\_\_\_ Date: \_\_\_\_ Locality: \_\_\_\_ Recorder:\_\_\_\_

Wing -Subdivision	Trait	Score
Primary covert pattern (edge color)	Buff edged = MEDU	0
	Plain-solid = Hybrid-MALL	1
Lesser covert pattern (edge color)	Buff edged =MEDU	0
	Plain-solid =MALL	1
Greater secondary coverts pattern	Buffy or part white across coverts = MEDU	0
	Complete white across coverts = Hybrid -MALL	1
Speculum color	Green = MEDU	0
	No green = Hybrid -MALL	1
<b>Head-Subdivision</b>	Trait	Score
Percent green in head	No green = MEDU	0
	1-25 %	1
	26-50%	2
	>50% = MALL	3
Overall face and neck *	Slightly patterned = MEDU	0
	Continuously strong patterned = MALL	1
Black spots around bill	Absent = MEDU	0
·	Present = MALL	1
Upperpart- Subdivision	Trait	Score
Overall back feather pattern color*	Chevron patterned or Buff/brown edges = MEDU	0
·	Solid or light patterned= MALL	1
Scapular pattern*	Chevron patterned or Buff/brown edges = MEDU	0
•	Solid or light patterned = MALL	1
Rump*	Brown w/ buffy chevrons & buffy edges = MEDU	0
·	Black w/ rufous chevrons w/ rufous edges = Hybrid	1
	Solid Black = MALL	2
Outer 2 tail feathers (color of outer	Buff edged = MEDU	0
edges) *	White edged = MALL	1
Central tail feathers curl*	Not raised = MEDU	0
	Slightly raised = Hybrid	1
	>Half curl = MALL	2
Underparts - Subdivision	Trait	Score
Breast & Belly feather pattern	Strong internal marking = MEDU	0
	Slight internal marking w/whitish edges = MALL	1
Overall breast & belly feather	Uniform = MEDU	0
pattern	Breast & belly different color = MALL	1
Flank feather pattern	Chevron patterned = MEDU	0
•	Slight internal marking = MALL	1
Under-tail coverts	Strong. internal marking =MEDU	0
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Spotted patterned to subtle internal marking= MALL	1

PS score ≤ 4 = MEDU PS score ≥ 5 = MALL/HYB	Total Sum of Phenotypic Scores (PS):	
	Conclusion: _	

## ${\tt Mexican \ and \ Mallard \ Plumage \ Traits \ Scoring \ Key - \underline{Adult \ Females}}$

Wing -Subdivision	Trait	Score
Primary covert pattern (edge color)	Buff edged = MEDU	0
	Plain-solid = Hybrid-MALL	1
Lesser covert pattern (edge color)	Buff edged =MEDU	0
	Plain-solid =MALL	1
Greater secondary coverts pattern	Buffy or part white across coverts = MEDU	0
	Complete white across coverts = Hybrid -MALL	1
Speculum color	Green = MEDU	0
	No green = Hybrid -MALL	1
Band #: D	ate: Locality: Recorder:	<del></del>
Head-Subdivision	Trait	Score
Overall face and neck *	Slightly patterned = MEDU	0
	Continuously strong patterned = MALL	1
Upperpart- Subdivision	Trait	Score
Outer 2 tail feathers (color of outer	Buff edged = MEDU	0
edges) *	White edged = MALL	1
Underparts - Subdivision	Trait	Score
Breast & Belly feather pattern	Strong internal marking = MEDU	0
	Slight internal marking w/whitish edges = MALL	1 0
Overall breast & belly feather	Uniform = MEDU	
pattern	Breast & belly different color = MALL	1
Flank feather pattern	Chevron patterned = MEDU	0
	Slight internal marking = MALL	1
Under-tail coverts	Strong. internal marking =MEDU	0
	Spotted patterned to subtle internal marking= MALL	1
PS score ≤ 4 = MEDU		
PS score $\geq 5 = MALL/HYB$	Total Sum of Phenotypic Scores (PS):	
1.0 300.0 ± 0 = 141/1E2/111B		
	Conclusion:	

## Mexican and Mallard Plumage Traits Scoring Key - Adult Males

Wing -Subdivision		Trait		Score
Primary covert pattern (edge color)	Buff edged = MEDU			0
	Plain-solid = H	lybrid-MALL		1
Lesser covert pattern (edge color)	Buff edged =N	ИEDU		0
	Plain-solid =N	1ALL		1
Greater secondary coverts pattern	Buffy or part	white across coverts = MEDU		0
	Complete wh	ite across coverts = Hybrid -MALL		1
Speculum color	Green = MED	U		0
	No green = Hy	/brid -MALL		1
Band #:	Date:	Locality:	Recorder:	

Head-Subdivision	Trait	Score
Percent green in head	No green = MEDU	0
	1-25 %	1
	26-50%	2
	>50% = MALL	3
Overall face and neck *	Slightly patterned = MEDU	0
	Continuously strong patterned = MALL	1
Black spots around bill	Absent = MEDU	0
	Present = MALL	1
<b>Upperpart- Subdivision</b>	Trait	Score
Overall back feather pattern color*	Chevron patterned or Buff/brown edges = MEDU	0
	Solid or light patterned= MALL	1
Scapular pattern*	Chevron patterned or Buff/brown edges = MEDU	0
	Solid or light patterned = MALL	1
Rump*	Brown w/ buffy chevrons & buffy edges = MEDU	0
	Black w/ rufous chevrons w/ rufous edges = Hybrid	1
	Solid Black = MALL	2
Outer 2 tail feathers (color of outer	Buff edged = MEDU	0
edges) *	White edged = MALL	1
Central tail feathers curl*	Not raised = MEDU	0
	Slightly raised = Hybrid	1
	>Half curl = MALL	2
<b>Underparts - Subdivision</b>	Trait	Score
Breast & Belly feather pattern	Strong internal marking = MEDU	0
	Slight internal marking w/whitish edges = MALL	1
Overall breast & belly feather	Uniform = MEDU	0
pattern	Breast & belly different color = MALL	1
Flank feather pattern	Chevron patterned = MEDU	0
	Slight internal marking = MALL	1
Under-tail coverts	Strong. internal marking = MEDU	0
	Spotted patterned to subtle internal marking= MALL	1

PS score ≤ 4 = MEDU PS score ≥ 5 = MALL/HYB	Total Sum of Phenotypic Scores (PS):		
	Conclusion:		