


have been observed at the E end of dam on several previous trips (see notes) and consist of an adult and 2 birds of the year. The adult has a whiter plumage, orange feet and a brighter, although fainter tinted pinkish bill with lower part and near base of lower bill a yellow. The left wing has been injured, and although capable of flight, shows a weakness at the joint between the hand and outer 2 digits; that part of the outer wing that supports 5 or 6 of the primary feathers, and in flight directs these 5 or 6 ^{outer} primary feathers upward at a 45° angle. This is especially noticeable as the bird sails. 

This adult bird was the first to leave the rocks and swim out into the water where it remained some 20' (at edge of rocks) beyond the other 2 birds. The juveniles can be distinguished on the basis of the amount of gray or black dusty on the upper wing coverts and posterior part of neck and head. The juvenile with the darkest upper coverts, as is true in both juveniles, has a faint, washed out pinkish bill (yellowish at base of lower mandible), and similarly colored feet. The head & upper necks seem to have a downy appearance to the feathers. The above bird (darkest coverts) seems to have an injury to right wing causing an incomplete retraction of outer primary feathers when wing is closed. The 3rd bird (juvenile with less dusky on upper wing coverts) has an injured right leg & foot. This bird showed less deformation of wings and was the one using its wings in flight action, spreading the wings to full extent and flopping them for 8 or 9 seconds at about 2 minute intervals, during this time the tail was expanded (fan shape) to fullest extent with oil gland exposed) and in all maneuvers with back toward the sun. The other 2 birds participated in this type of action but not to the degree of the above juvenile. The bird with the injured foot was on a rock (flat) 2 inches above the water. The other 2 were 2' above the water level. These pelicans remained in some position for the period under observation. Temp water 31°F. Air 32°F, air in sun 34°F. Left area at 9:23 A.M. and continued E to main road to N at mileage 33.5. 34.0 Seven bluejay in one group. 34.1 road to left. 34.4 4 slate colored juncos, 35.3 Slough Cr.