

3.29 A CASE STUDY ON PAPILLOMATOSIS IN EMU (*DROMAIUS NOVAEHOLLANDIAE*) USING HERBAL PREPARATION

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Seven pairs of emu birds are maintained under standard management practices at Emu Research Unit, TANUVAS – Regional Research Centre, Pudukkottai. One female emu bird aged one and half years was suffering from papillomatosis. The warts were noticed around the toe and eye regions. The ailing emu bird was dull, anorectic, lame and losing weight. The condition was treated with a herbal preparation: 100 gm of cumin (*Cuminum cyminum*), 20gm of pepper (*Piper nigrum*), 20gm of turmeric (*Curcuma longa*) were powdered, sieved. To this mixture of powder two handfuls leaves of Mehendi (*Lawsonia inermis*), Indian acalypha (*Acalypha indica*), tulsi (*Ocimum sanctum*), basil (*Ocimum basilicum*) and neem (*Azadirachta indica*) were added, crushed and made into a paste. This paste was mixed with equal amounts of Pungan (*Pongamia pinnata*), Illupai or Mahwa (*Madhuca longifolia*) and Gingelly (*Sesamum indicum*) oil and

made into an ointment. This ointment was applied over the affected part twice daily for seven days. Improvement was noticed in feeding, activeness and body weight gain. The warts were reduced after applying the herbal preparation.