



## 6.1 f Cassowary Identification Drawings

# Ella Bay Integrated Resort Proposal

## SEIS Submission Response

### Volume Six

## Cassowary Identification Drawings

November 2009 survey



# 1. Cassowary Identification Sketches

## 1.1 Introduction

Sketches were prepared of cassowary casques and wattle size from the birds recorded during the November 2009 survey. The sketches were prepared by Natural Resource Assessments (NRA - Ainslie Langdon) for Ella Bay Developments.

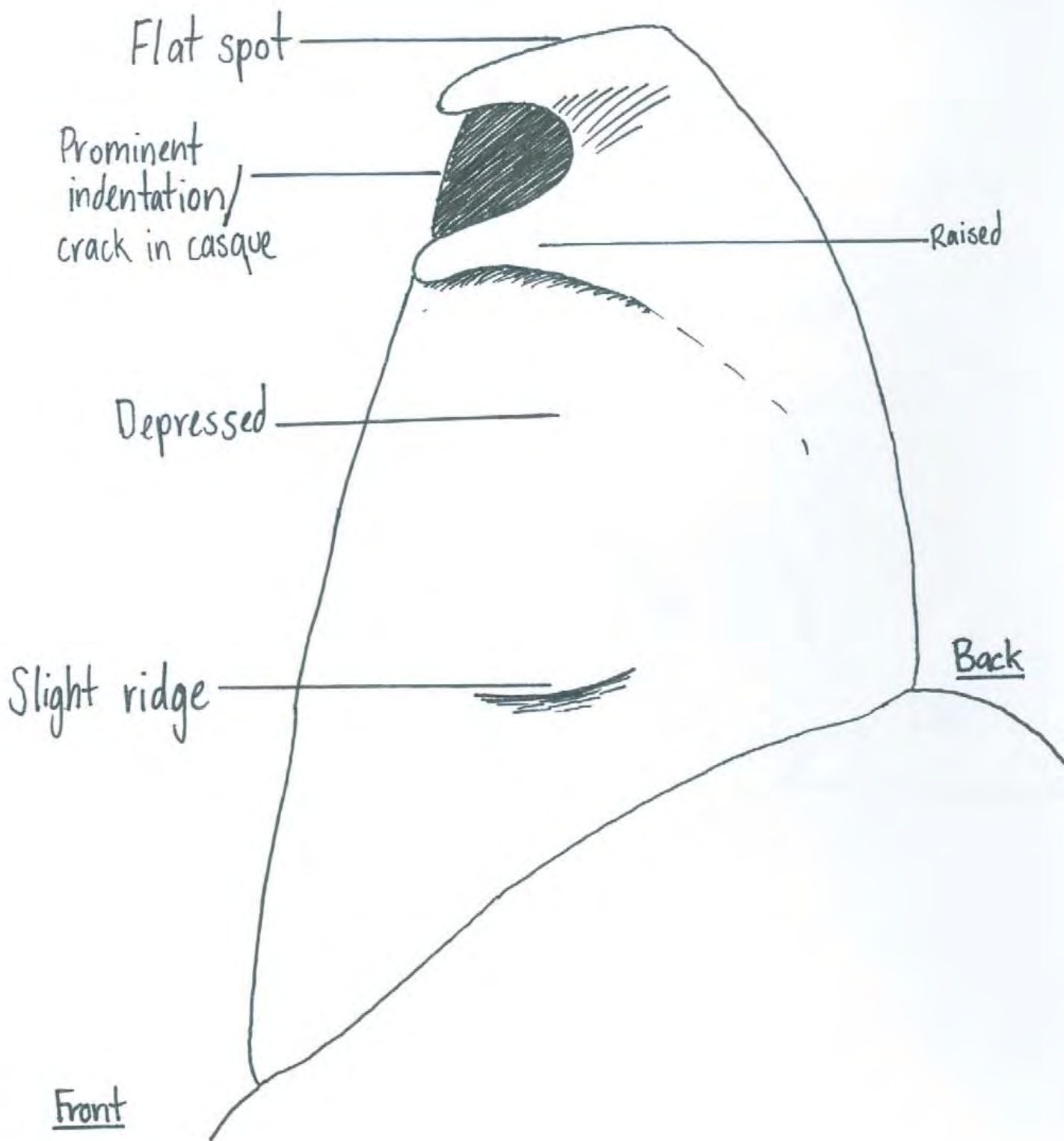
The sketches are part of a database of cassowaries in the Ella Bay Development and will assist with identifying individual birds during subsequent monitoring.

The naming system for Cassowaries follows that used in the report – Buosi 2009b *Supplementary Survey (November 2009) for the Southern Cassowary (Casuarius casuarius johnsonii) at the Proposed Ella Bay Integrated Resort* (dated 9 February 2010).

The following table provides identification along with the reference photos for each sketch and other comments that may aid in identifying individual birds. It is envisaged that the sketches and other Cassowary Profile attributes will be refined as more information becomes available.

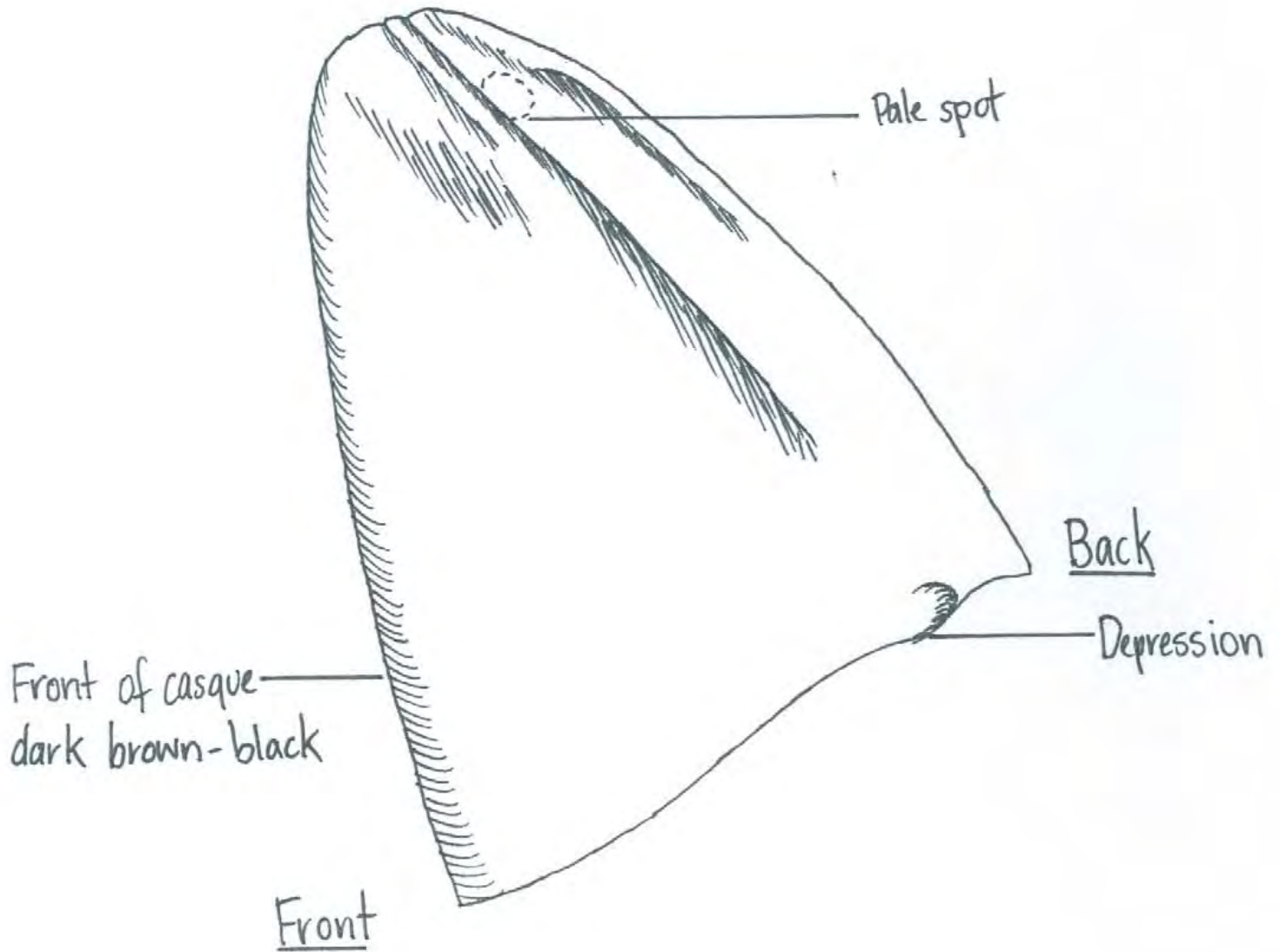
Cassowary ID	Images		Wattles	Notes
	Left Side of Casque	Right Side of Casque		
Female A	2009-12-01 07-53-36 2009-12-06 09-52-52	Nil	Wattles slightly longer than height of casque.	Tall casque.
Female B	2009-12-05 07-11-44 M 01_05 2009-12-10 13-42-22 M 01_05	Nil	Left wattle probably slightly longer. Wattles slightly shorter than casque.	Images blurred. Possible notch in top of casque (not drawn). Possible diagonal ridges. Tall upright casque.
Female C	20091005_female2 20091005_female 1	20091005_female3	Wattles even length & approximately 1.5 x height of casque.	
Female - Hogg Property	Female_IMG_0101		Wattles longer than height of casque.	
Male A	20091005_Adult male+chicks 20091005_Adult male+chicks2 DSC01312 DSC01307 DSC01306	20090930_Adult+2chick 20090930_Adult+chick DSC01305 DSC01304 DSC01303	Wattles slightly longer than height of casque. Left wattle probably shorter than right.	DSC01310 - image of rear DSC01311 - image of rear Ripples in surface of right side of casque. Casque has sharp twist.
Male B	20091109_male(no wattle)+3chicks#2 20091031_male+chicks	20091412_male+chicks (1or2)	No wattle.	20091109_male(no wattle)+3chicks - image of front.
Male C	No images	No images		
Male D	Nil	2009-12-15 15-24-10 2009-12-15 15-24-10_001 2009-12-03 10-05-36	Wattles approximately same length as casque height. Wattles even length.	
Male E	2009-11-21 10-17-48 2009-11-28 14-20-14	2009-11-28 14-19-58_001 2009-11-28 14-19-58	Wattles approximately same length as casque height. Wattles of even length.	
Male F	2009-12-02 11-08-13 M 01_05	Nil	Wattles unclear in image - possibly small (< casque).	Vertical depression in centre of casque (left side).

# FEMALE A



## LEFT SIDE OF CASQUE

# FEMALE B

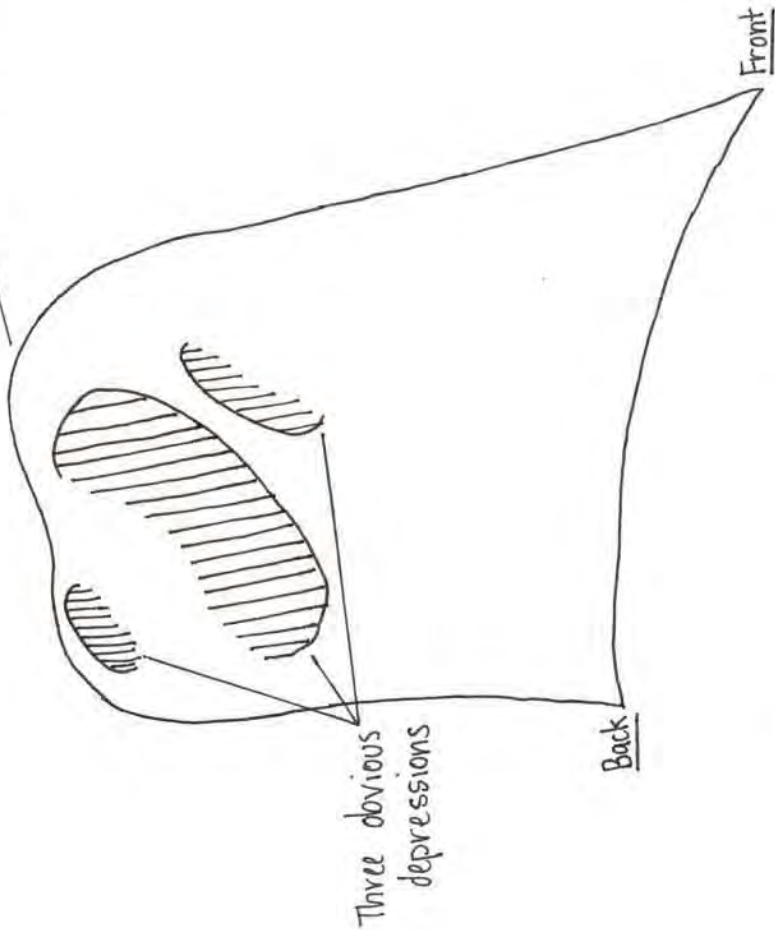


## LEFT SIDE OF CASQUE

# FEMALE C

Exact shape of

top of casque unclear  
in photos

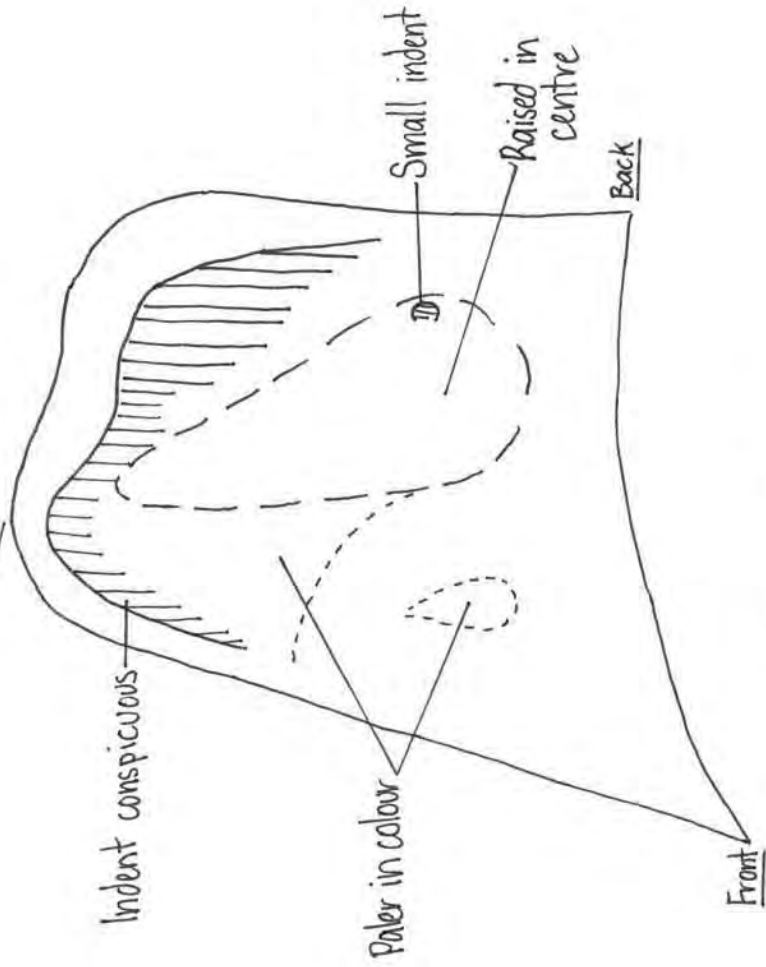


Three obvious  
depressions

Back

Front

RIGHT SIDE OF CASQUE



Indent conspicuous

Paler in colour

Small indent

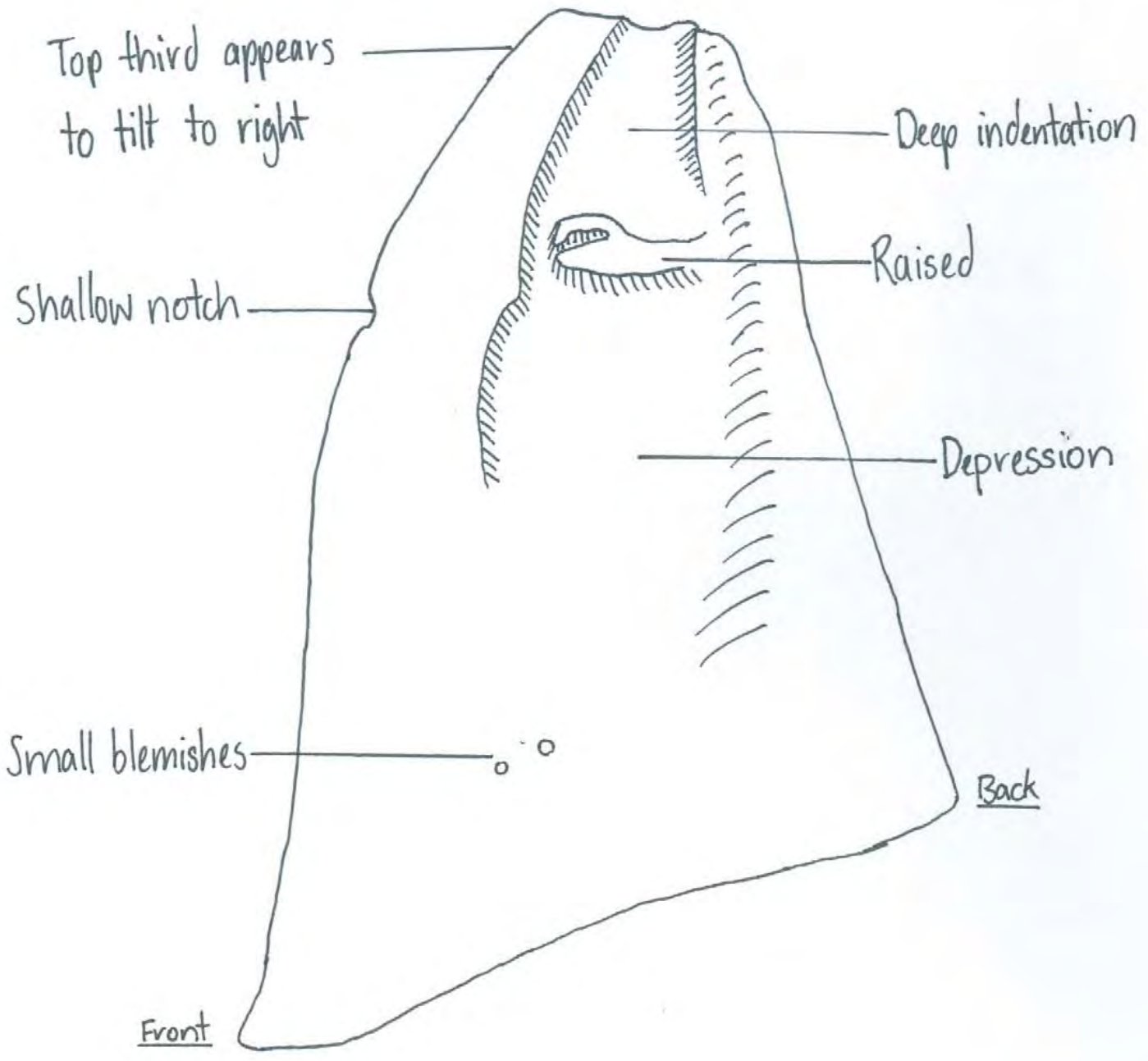
Raised in  
centre

Back

Front

LEFT SIDE OF CASQUE

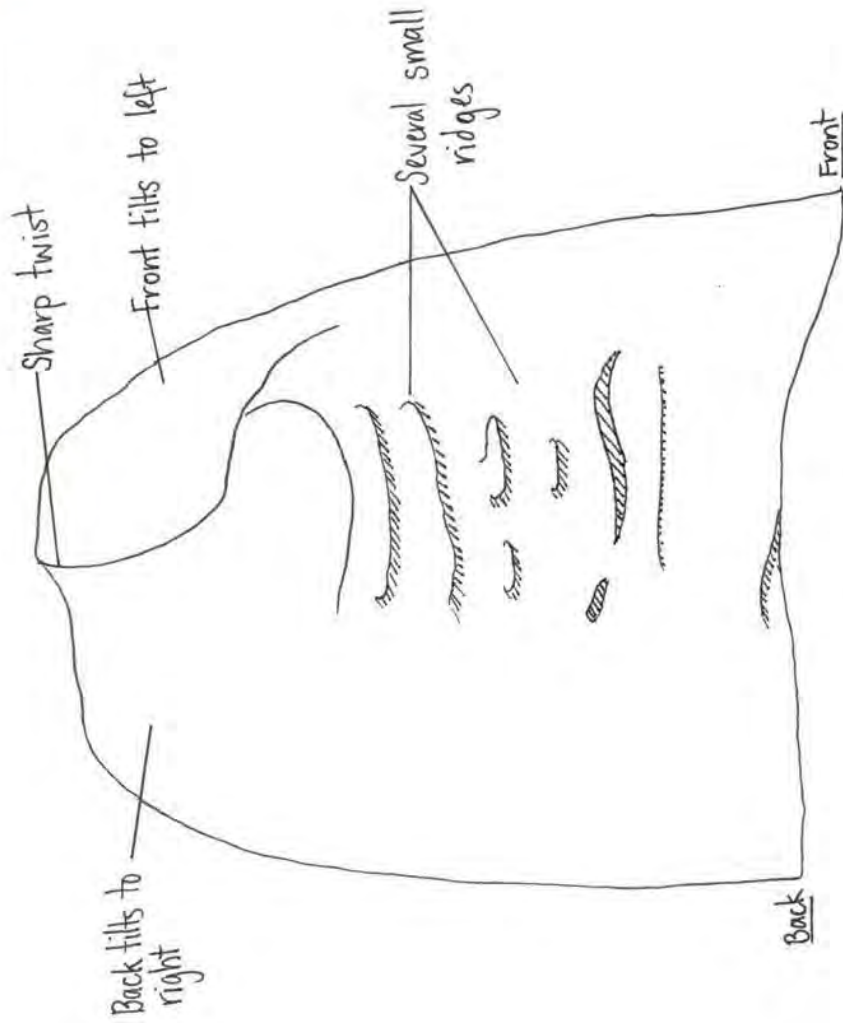
# FEMALE - HOGG PROPERTY



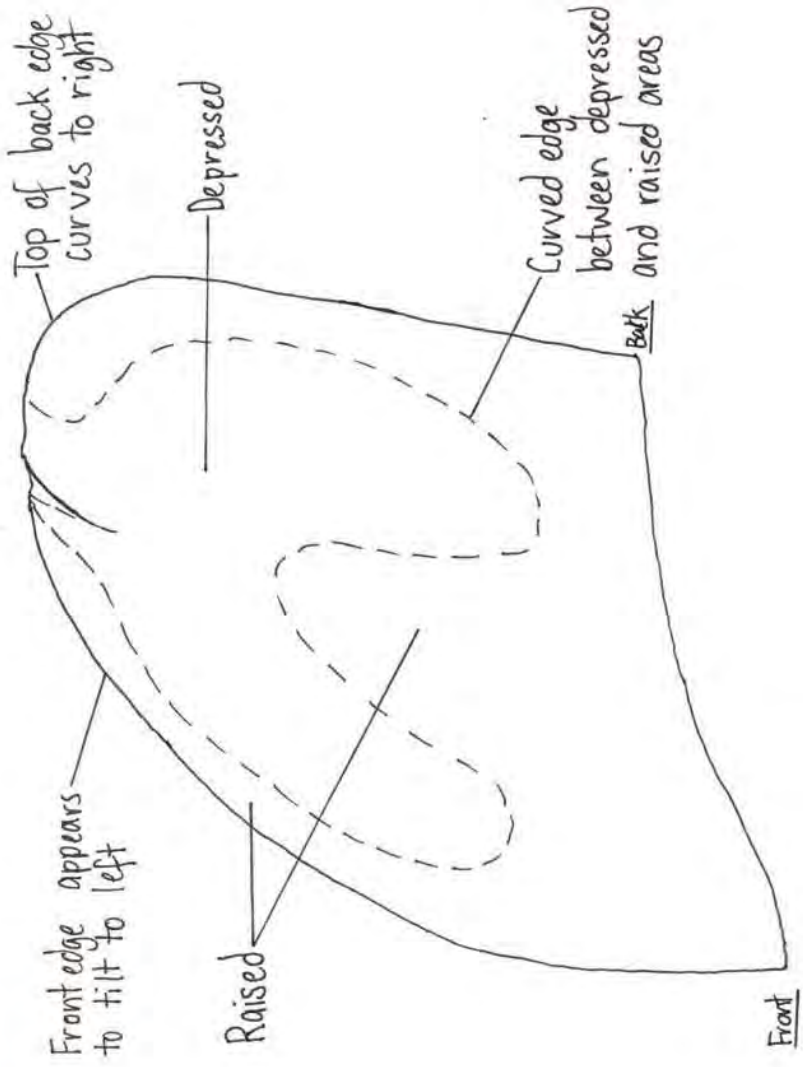
## LEFT SIDE OF CASQUE



# MALE A

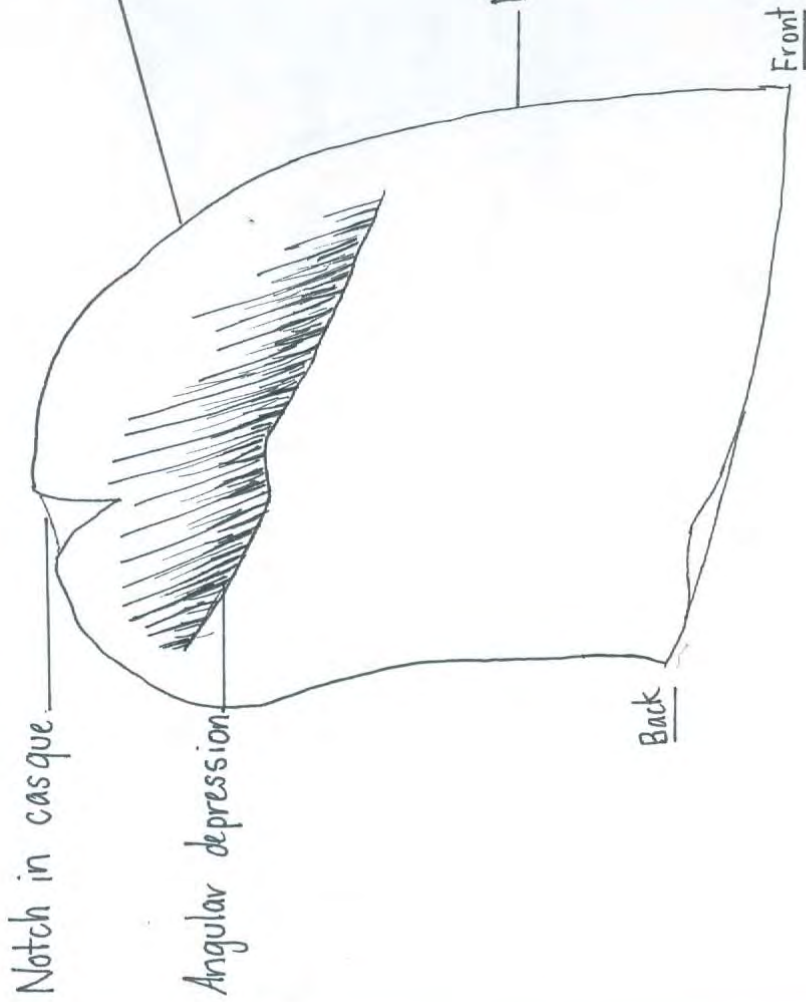


RIGHT SIDE OF CASQUE

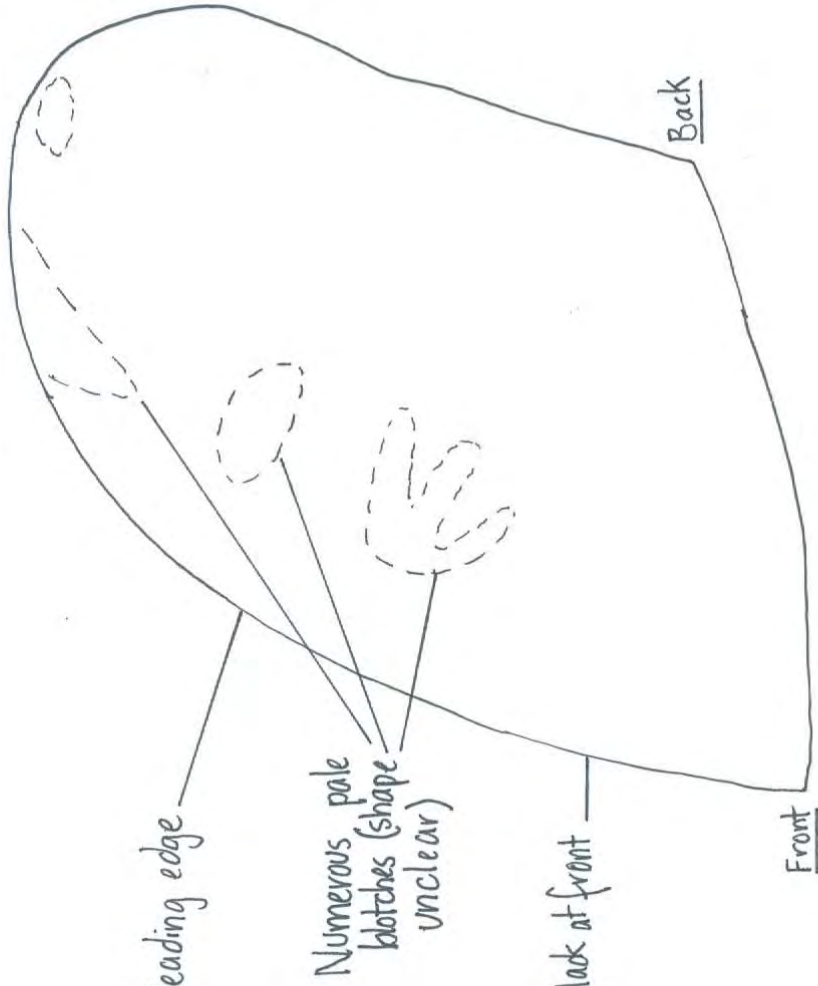


LEFT SIDE OF CASQUE

# MALE B

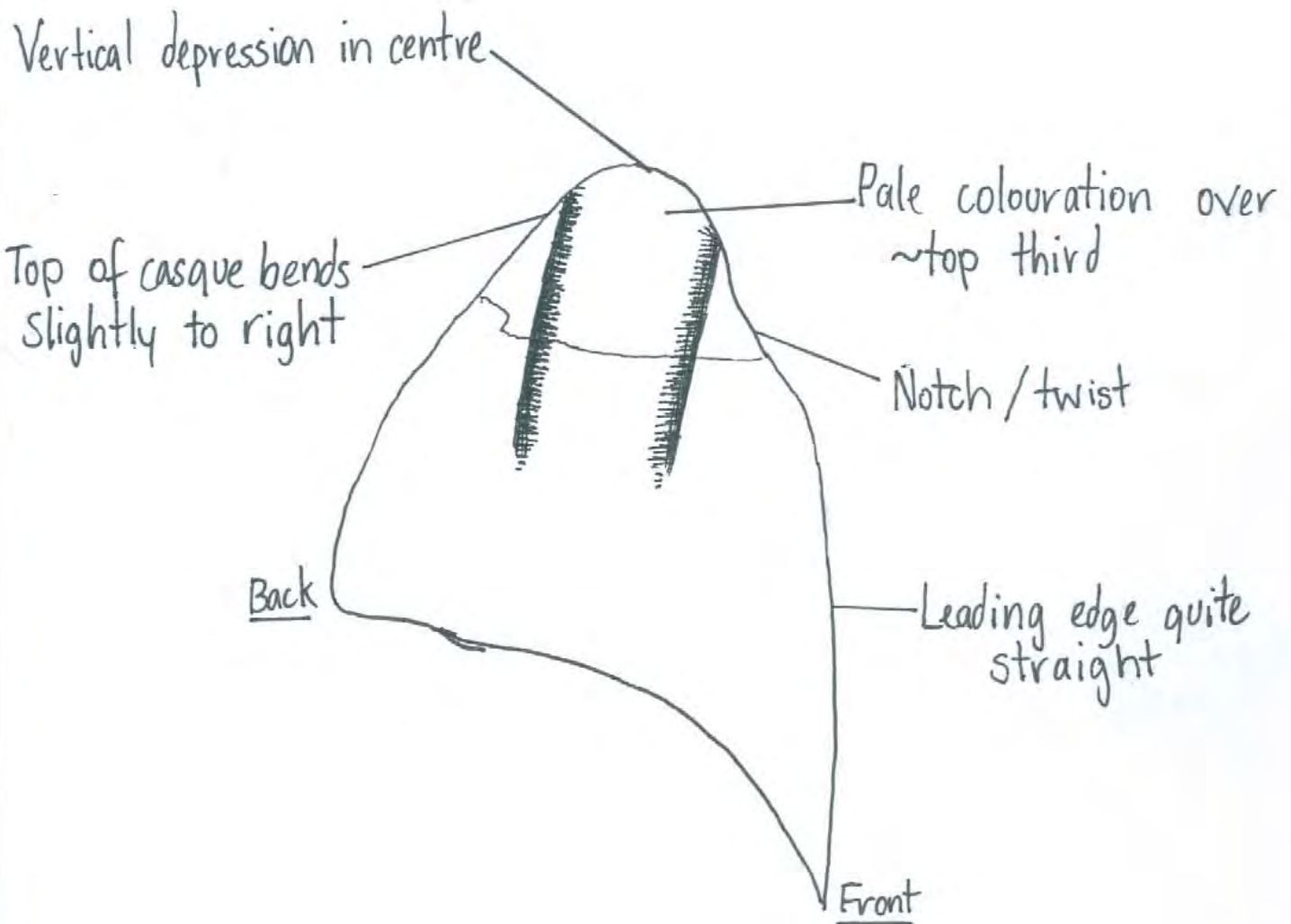


RIGHT SIDE OF CASQUE



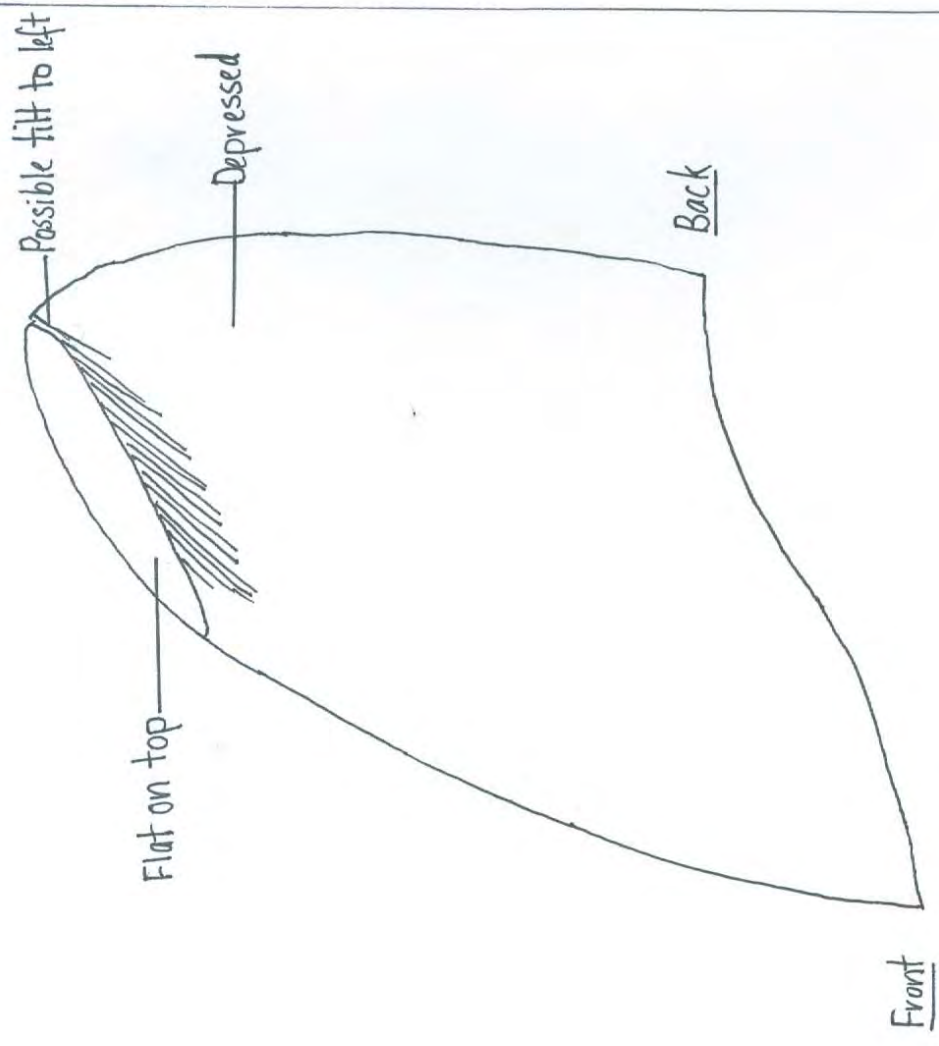
LEFT SIDE OF CASQUE

# MALE D

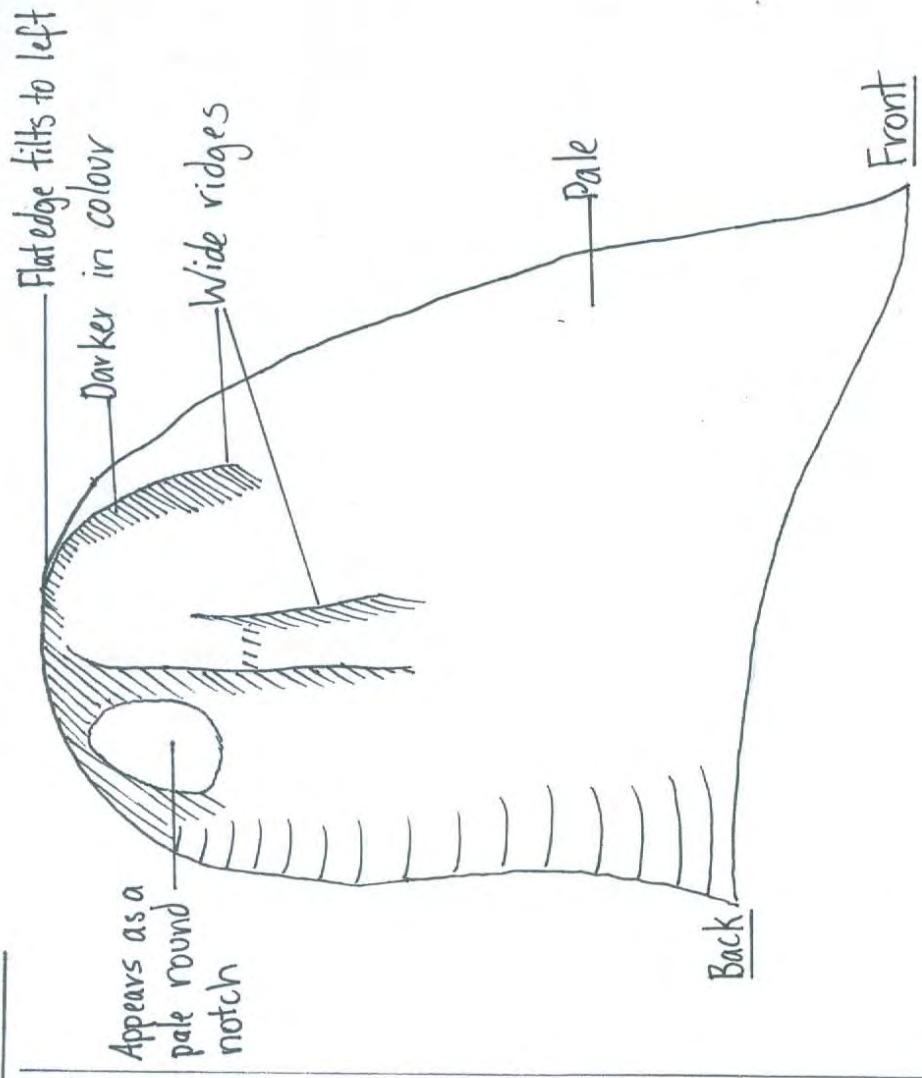


## RIGHT SIDE OF CASQUE

# MALE

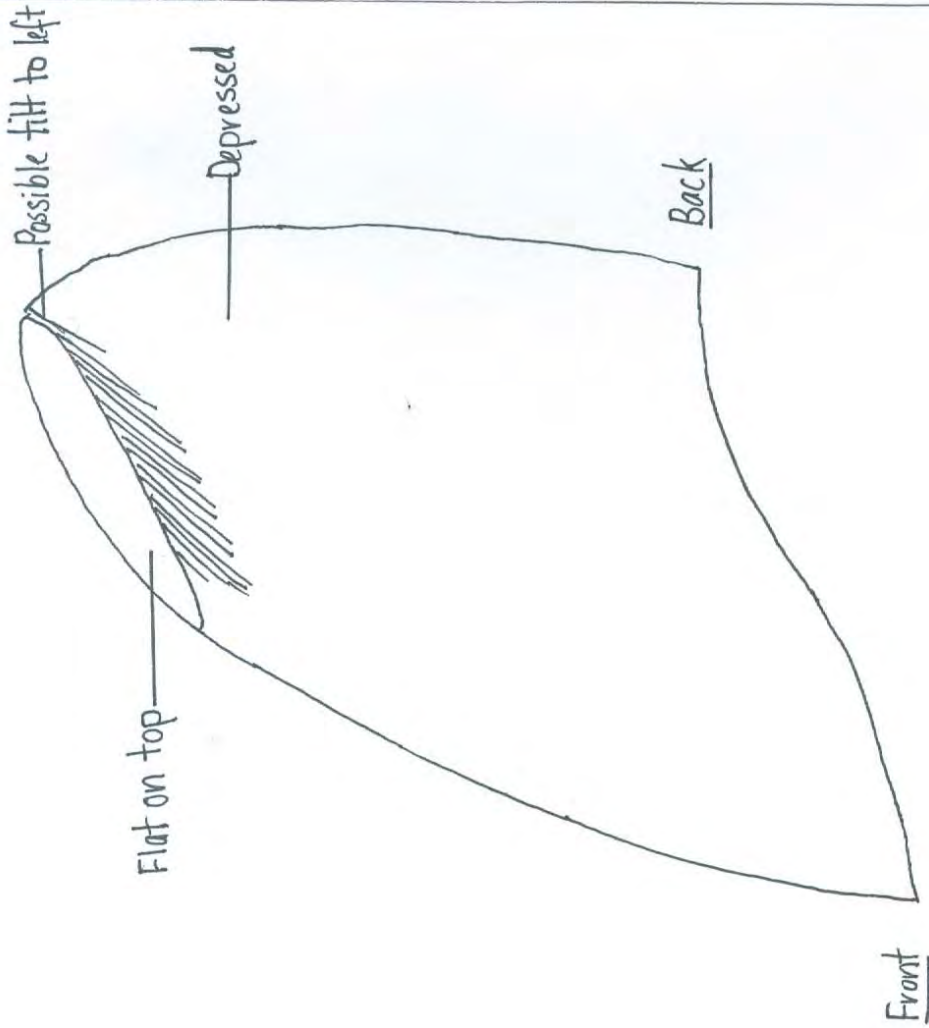


LEFT SIDE OF CASQUE

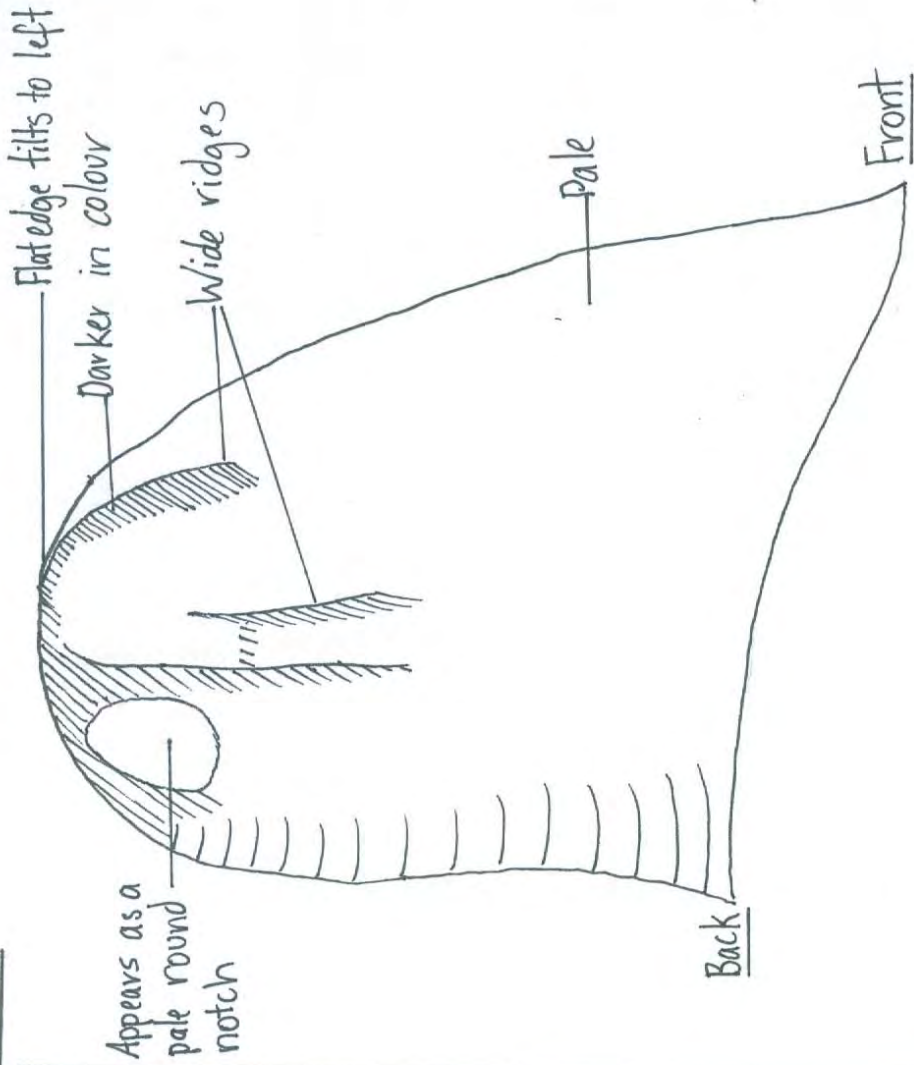


RIGHT. SIDE OF CASQUE

# MALE

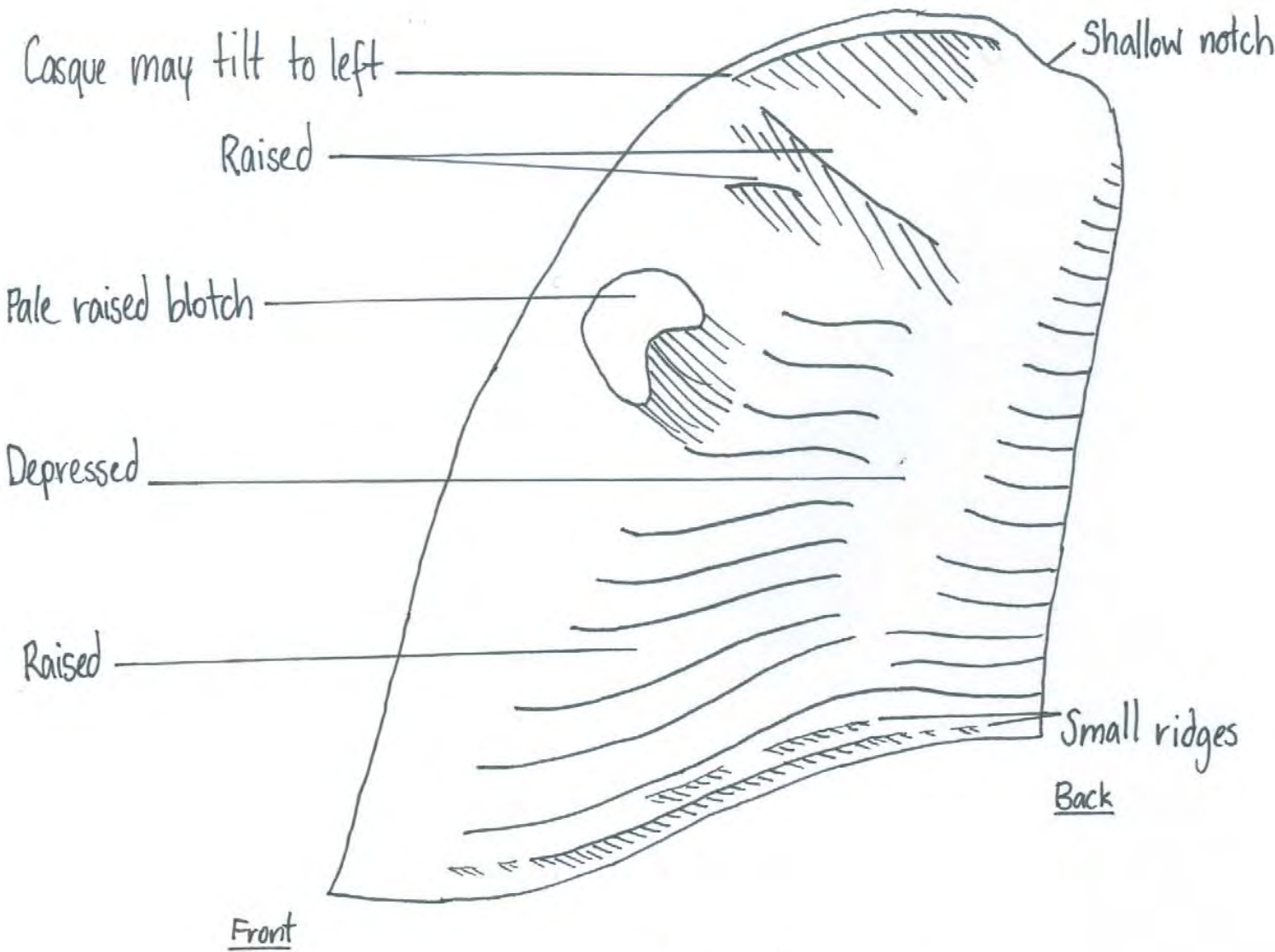


LEFT SIDE OF CASQUE



RIGHT. SIDE OF CASQUE

# MALE F



LEFT SIDE OF CASQUE