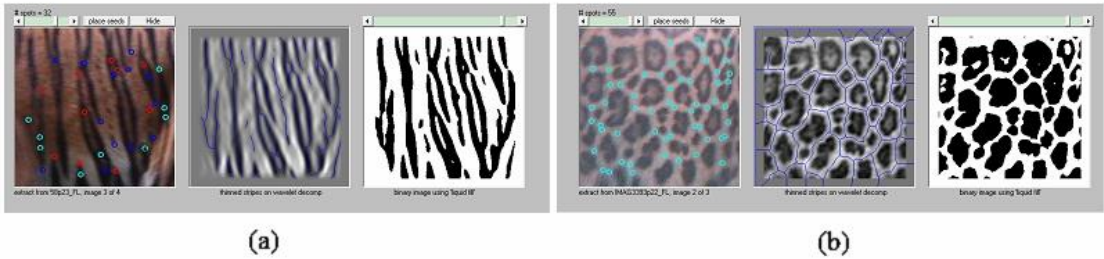
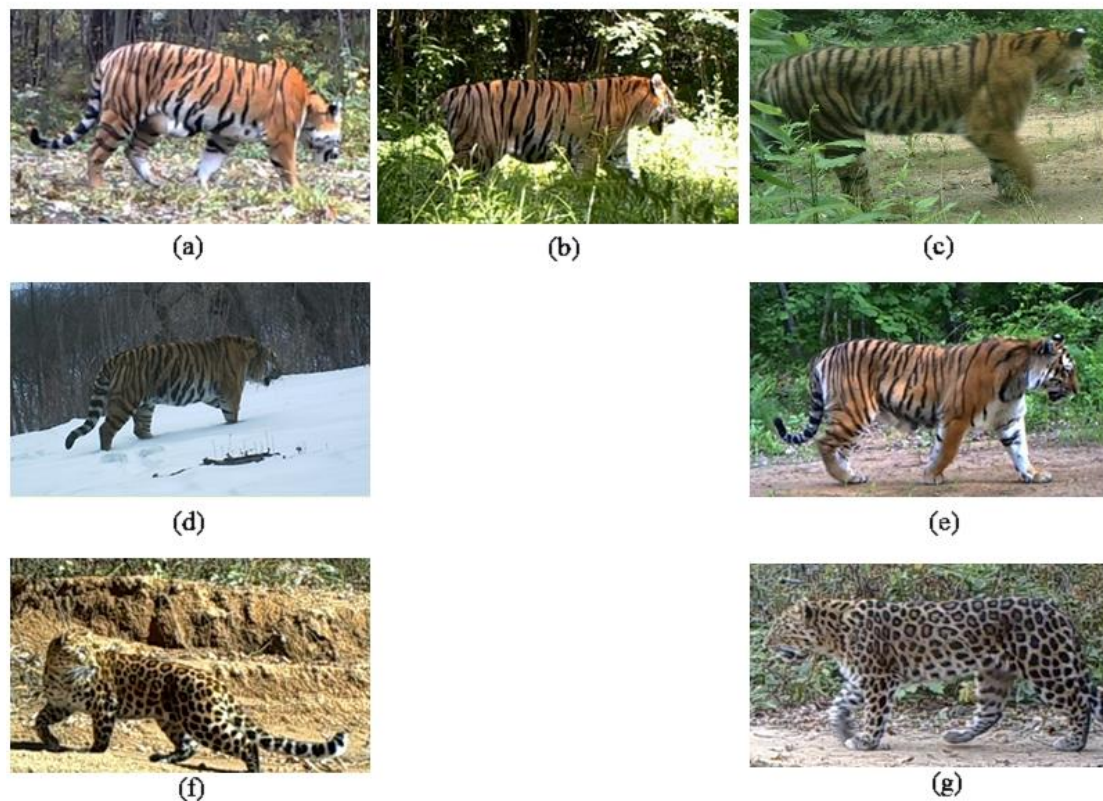


附图1 利用Extract Compare V1.20对东北虎体侧图片构建三维表面模型。黄色点为用来创建三维表面模型的“前肢”、“后肢”、“中间”等特殊点，睾丸的存在证明该东北虎为雄性
Fig. S1 Using the Extract Compare V1.20 to set the three-dimensional surface model of Amur tiger. The yellow points are the special points for the model setting, the testis shows the Amur tiger is a male.



附图2 利用三维模型得到东北虎(a)与东北豹(b)的体侧平整图形并提取图形相对位置信息
Fig. S2 The flattened skin pattern of Amur tiger (a) and Amur leopard (b) extracted by the three-dimensional surface model



附图3 红外相机监测到的东北虎和东北豹。a, c, e为雌性东北虎个体, b, d为雄性东北虎个体, f, g为雌性东北豹个体。

Fig. S3 Five Amur tiger individuals were captured by camera traps, including three females (a, c, e) and two males (b, d). Two female Amur leopards (f, g) were captured by camera traps.