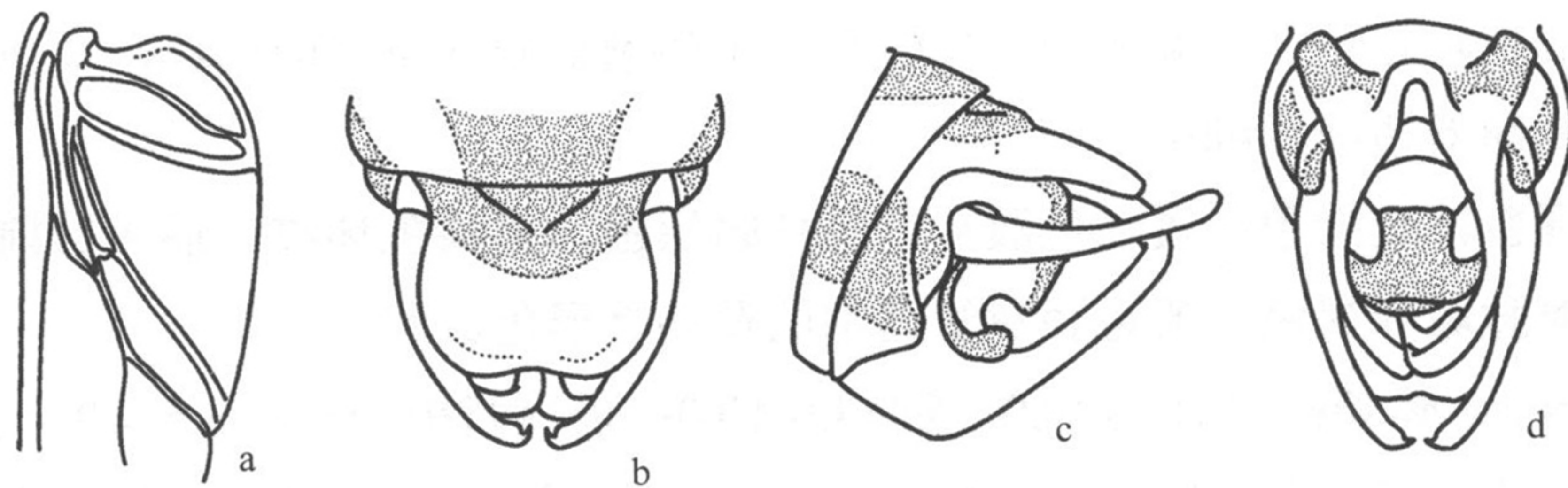


图 72 黄边环螽 *Letana linearis* Walker

a. 雄性左前复翅发音部背面观 (stridulatory file of male left tegmen, dorsal view); b. 雄性腹端背面观 (male abdominal apex, dorsal view); c. 雄性腹端侧面观 (male abdominal apex, lateral view); d. 雄性腹端腹面观 (male abdominal apex, ventral view)

### (32) 赤褐环螽 *Letana rubescens* (Stål, 1860) (图 73)

*Phaneroptera rubescens* Stål, 1860. Kong. Svensk. Freg. Eug. Resa: 319 (Holotype, M, origi. descrip.; type locality: China Southeast, Hong Kong; type depository: NHRS Stockholm).

*Pyrrhicia rubescens*: Stål, 1874. Recens. Orth., 2: 26; Brunner, 1878. Verh. Zool.-bot. Ges. Wien: 115.

*Letana rubescens*: Kirby, 1906. Syn. Cat. Orth., 2: 400; Chang, 1935. Notes D'Ent. Chinoise, 2(3): 31; Ingrisch, 1990. Ent. Scand., 21(3): 247; Xia *et* Liu, 1993. In: Huang, Insect of Wuling Mountains Area, Southwestern China: 87; Jin *et* Xia, 1994. J. Orth. Res., 3: 22; Zhen, 1995. In: Wu, Insects of Baishanzu Mountain, Eastern China: 74; Liu *et* Jin, 1997. In: Yang, Insects of the Three Gorge Reservoir Area of Yangtze River: 152; Liu *et* Jin, 1999. In: Huang, Fauna of Insects Fujian Province of China: 141; Liu *et* Zhang, 2001. In: Wu and Pan, Insect of Tianmushan National Nature Reserve: 92; Liu *et* Yin, 2004. In: Yang, Insects from Mt. Shiwandashan Area of Guangxi: 95.

*Pyrrhicia brunneri* Krausze, 1904. Insektenbörse, p. 29. Synonymized by Ingrisch, 1990: 247.

*Letana brunneri*: Kirby, 1906. Syn. Cat. Orth., 2: 400; Hebard, 1922. Proc. Acad. Nat. Sci. Philad., 74: 135.

*Letana melanotis* Bei-Bienko, 1956. Entomologicheskoe Obozrenie, 35: 648. Synonymized by Ingrisch, 1990: 247.

**特征记述** 雄性 头顶侧扁，狭于触角基节宽，与颜顶不接触，背面具沟。复眼卵形，突出。前胸背板与侧叶圆形相交；侧叶长大于高，肩凹明显。前复翅超过后足腿节端部，具光泽，半透明，较狭窄；前复翅摩擦发音区长略大于宽，后缘凹口较深；Sc脉和R脉基部分离；Rs脉从R脉中部之前分出，分叉；后翅长于前复翅。前足基节缺刺；各足腿节腹面具若干刺；前足胫节背面具沟，外背缘无刺，内外两侧听器均为开放型。第9腹节背板强向后突出，端缘微内凹，背面中央具较浅的纵沟；肛上板近长方形，端部微扩宽，侧叶较小；尾须圆柱形，稍内弯，具内端刺；下生殖板裂叶端部圆形。



雌性 肛上板较小；尾须较短，圆锥形；下生殖板基部两侧略凹陷，端部宽圆，中部微内凹；产卵器边缘具细齿。

体色 绿色，具暗色和淡红色散点。触角暗黑色，具淡色环纹；后头、前胸背板背面和前复翅臀脉域赤褐色，前足胫节听器部的背侧具黑色。

量度 (mm) 体长：♂ 15.0-21.0，♀ 14.0-19.0；前胸背板长：♂ 3.5-4.2，♀ 3.2-4.8；前复翅长：♂ 22.0-26.0，♀ 23.0-29.0；后足腿节长：♂ 15.0-18.0，♀ 14.0-18.0；产卵器长：4.0-5.0。

观察标本 45♂，34♀，分别采自河南桐柏县、河南内乡、安徽琅琊山、安徽霍山、安徽黄山、贵州赤水、贵州黄果树、贵州福泉皂角井、四川合川、四川峨眉山、四川雅安、浙江杭州、浙江天目山、广西南宁、广西大青山、广西金秀、广西龙州、广西兴安龙虎山、云南河口、云南元江、云南基诺、云南景洪、云南清华洞、云南西双版纳、湖北兴山、江苏南京中山陵、湖南张家界、湖南吉首 (MSIE)。

分布 河南 (桐柏、内乡)、陕西、江苏 (南京)、安徽 (琅琊山、霍山、黄山)、浙江 (杭州、天目山)、湖北 (兴山)、湖南 (张家界、吉首)、福建、广东、香港、广西 (南宁、大青山、金秀、龙州、龙虎山)、四川 (合川、峨眉山、雅安)、贵州 (黄果树、福泉)、云南 (河口、元江、基诺、景洪、清华洞、西双版纳)；越南，老挝，泰国。

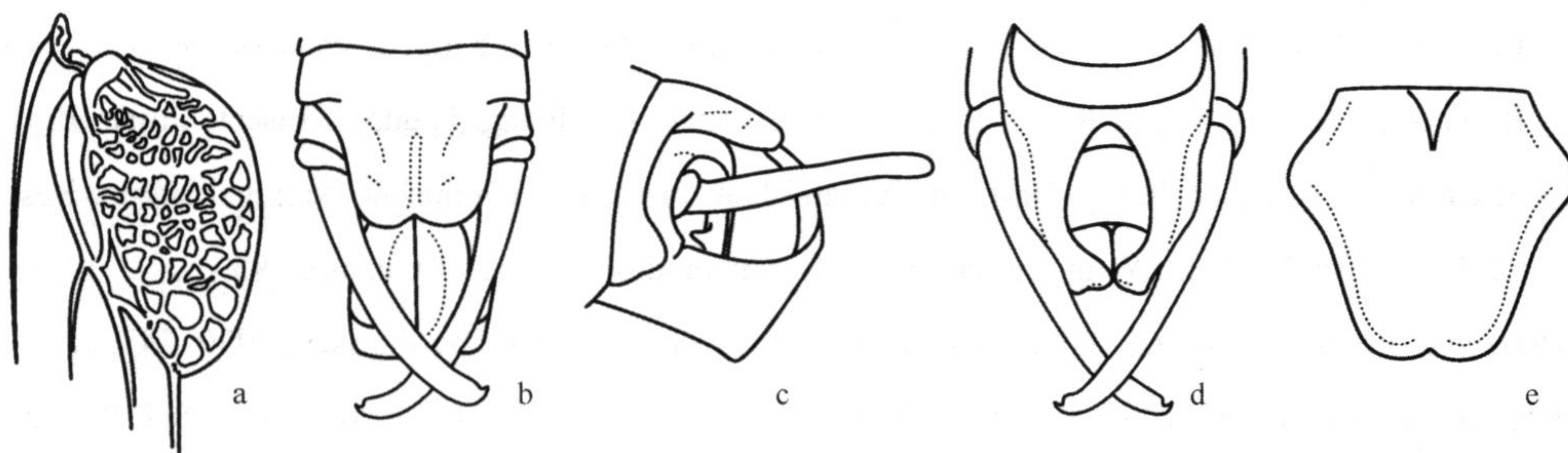


图 73 赤褐环螽 *Letana rubescens* (Stål)

- a. 雄性左前复翅发音部背面观 (stridulatory file of male left tegmen, dorsal view); b. 雄性腹端背面观 (male abdominal apex, dorsal view); c. 雄性腹端侧面观 (male abdominal apex, lateral view); d. 雄性腹端腹面观 (male abdominal apex, ventral view); e. 雌性下生殖板腹面观 (female subgenital plate, ventral view)

### (33) 瘦环螽 *Letana gracilis* Ingrisch, 1990 (图 74)

*Letana gracilis* Ingrisch, 1990. Ent. Scand., 21 (3): 272 (Holotype, M, origi. descrip.; type locality: India, Assam; type depository: ANSP Philadelphia); Xia *et* Liu, 1993. In: Huang, Insects of Wuling Mountains Area, Southwestern China: 167; Liu, 1993. In: Huang, Animals of Longqi Mountain: 47; Jin *et* Xia, 1994. J. Orth. Res., 3: 22; Ingrisch *et* Shishodia, 1998. Mitt. Schweiz. Ent. Gesellsch., 71(3-4): 361; Liu *et* Jin, 1999. In: Huang, Fauna of Insects Fujian Province of China: 141; Liu *et* Yin,